

Supplementary Table 1. H2A.Z Peaks in HeLa-S3.

Chrom	Start	End	Name	Score	Chrom
chr1	713691	714580	H2AZ_Rep1__peak_1	28	chr1
chr1	859984	860312	H2AZ_Rep1__peak_2	37	chr1
chr1	876086	876984	H2AZ_Rep1__peak_3	18	chr1
chr1	894138	896046	H2AZ_Rep1__peak_4	35	chr1
chr1	901980	902631	H2AZ_Rep1__peak_5	49	chr1
chr1	911294	912008	H2AZ_Rep1__peak_6	46	chr1
chr1	934755	936707	H2AZ_Rep1__peak_7	31	chr1
chr1	948359	949185	H2AZ_Rep1__peak_8	52	chr1
chr1	994231	995532	H2AZ_Rep1__peak_9	35	chr1
chr1	998924	999764	H2AZ_Rep1__peak_10	49	chr1
chr1	1004475	1004794	H2AZ_Rep1__peak_11	39	chr1
chr1	1009106	1009499	H2AZ_Rep1__peak_12	23	chr1
chr1	1014962	1015805	H2AZ_Rep1__peak_13	39	chr1
chr1	1051283	1052350	H2AZ_Rep1__peak_14	33	chr1
chr1	1057355	1058020	H2AZ_Rep1__peak_15	44	chr1
chr1	1093101	1094046	H2AZ_Rep1__peak_16	37	chr1
chr1	1143666	1144036	H2AZ_Rep1__peak_17	36	chr1
chr1	1166571	1167373	H2AZ_Rep1__peak_18	91	chr1
chr1	1209292	1210235	H2AZ_Rep1__peak_19	70	chr1
chr1	1216994	1217632	H2AZ_Rep1__peak_20	31	chr1
chr1	1242585	1244314	H2AZ_Rep1__peak_21	33	chr1
chr1	1259870	1260740	H2AZ_Rep1__peak_22	20	chr1
chr1	1284315	1285301	H2AZ_Rep1__peak_23	36	chr1
chr1	1310230	1310681	H2AZ_Rep1__peak_24	38	chr1
chr1	1333881	1335484	H2AZ_Rep1__peak_25	55	chr1
chr1	1342253	1343261	H2AZ_Rep1__peak_26	45	chr1
chr1	1376252	1376886	H2AZ_Rep1__peak_27	37	chr1
chr1	1406073	1406982	H2AZ_Rep1__peak_28	37	chr1
chr1	1446999	1447375	H2AZ_Rep1__peak_29	32	chr1
chr1	1509639	1512684	H2AZ_Rep1__peak_30	84	chr1
chr1	1550246	1551620	H2AZ_Rep1__peak_32	26	chr1
chr1	1562423	1563722	H2AZ_Rep1__peak_33	75	chr1
chr1	1709357	1710753	H2AZ_Rep1__peak_35	33	chr1
chr1	1822858	1823528	H2AZ_Rep1__peak_36	30	chr1
chr1	1839919	1841355	H2AZ_Rep1__peak_38	48	chr1
chr1	1850433	1851550	H2AZ_Rep1__peak_39	52	chr1
chr1	1875301	1875956	H2AZ_Rep1__peak_40	63	chr1
chr1	1891255	1891861	H2AZ_Rep1__peak_41	53	chr1
chr1	1976218	1976718	H2AZ_Rep1__peak_42	18	chr1
chr1	1980812	1982220	H2AZ_Rep1__peak_43	61	chr1
chr1	2126374	2127093	H2AZ_Rep1__peak_44	75	chr1

chr1	2139801	2140463 H2AZ_Rep1__peak_45	37 chr1
chr1	2143911	2145699 H2AZ_Rep1__peak_46	77 chr1
chr1	2322451	2323494 H2AZ_Rep1__peak_47	71 chr1
chr1	2343426	2345944 H2AZ_Rep1__peak_48	43 chr1
chr1	2431261	2431848 H2AZ_Rep1__peak_49	33 chr1
chr1	2457373	2458610 H2AZ_Rep1__peak_50	41 chr1
chr1	2477067	2479452 H2AZ_Rep1__peak_51	37 chr1
chr1	2517261	2518729 H2AZ_Rep1__peak_52	36 chr1
chr1	2573966	2575030 H2AZ_Rep1__peak_53	126 chr1
chr1	3229529	3230252 H2AZ_Rep1__peak_54	23 chr1
chr1	3236215	3236544 H2AZ_Rep1__peak_55	33 chr1
chr1	3369453	3371990 H2AZ_Rep1__peak_56	31 chr1
chr1	3420885	3421448 H2AZ_Rep1__peak_57	24 chr1
chr1	3447230	3448545 H2AZ_Rep1__peak_58	82 chr1
chr1	3458647	3460621 H2AZ_Rep1__peak_59	57 chr1
chr1	3463748	3465142 H2AZ_Rep1__peak_60	64 chr1
chr1	3540592	3542287 H2AZ_Rep1__peak_63	98 chr1
chr1	3566245	3566865 H2AZ_Rep1__peak_64	60 chr1
chr1	3585240	3585637 H2AZ_Rep1__peak_65	39 chr1
chr1	3587953	3588580 H2AZ_Rep1__peak_66	42 chr1
chr1	3663614	3664560 H2AZ_Rep1__peak_67	23 chr1
chr1	3712377	3713886 H2AZ_Rep1__peak_68	109 chr1
chr1	3773258	3774737 H2AZ_Rep1__peak_69	116 chr1
chr1	3815928	3817944 H2AZ_Rep1__peak_70	82 chr1
chr1	6051334	6054102 H2AZ_Rep1__peak_71	45 chr1
chr1	6085430	6086865 H2AZ_Rep1__peak_72	59 chr1
chr1	6208390	6209212 H2AZ_Rep1__peak_73	86 chr1
chr1	6259418	6260699 H2AZ_Rep1__peak_74	64 chr1
chr1	6265046	6267003 H2AZ_Rep1__peak_75	83 chr1
chr1	6295397	6296698 H2AZ_Rep1__peak_76	65 chr1
chr1	6319871	6320772 H2AZ_Rep1__peak_77	17 chr1
chr1	6413914	6414485 H2AZ_Rep1__peak_78	26 chr1
chr1	6452565	6454444 H2AZ_Rep1__peak_79	33 chr1
chr1	6474388	6474945 H2AZ_Rep1__peak_80	36 chr1
chr1	6479875	6480493 H2AZ_Rep1__peak_81	30 chr1
chr1	6482889	6484078 H2AZ_Rep1__peak_82	40 chr1
chr1	6486632	6488315 H2AZ_Rep1__peak_83	66 chr1
chr1	6532201	6532647 H2AZ_Rep1__peak_84	39 chr1
chr1	6549465	6552161 H2AZ_Rep1__peak_85	36 chr1
chr1	6557602	6557985 H2AZ_Rep1__peak_86	77 chr1
chr1	6613990	6615520 H2AZ_Rep1__peak_87	86 chr1
chr1	6639328	6640615 H2AZ_Rep1__peak_88	73 chr1
chr1	6661797	6664479 H2AZ_Rep1__peak_89	83 chr1

chr1	6672698	6674178 H2AZ_Rep1__peak_90	65 chr1
chr1	6684724	6686108 H2AZ_Rep1__peak_91	29 chr1
chr1	6761305	6762581 H2AZ_Rep1__peak_92	62 chr1
chr1	7019396	7020532 H2AZ_Rep1__peak_94	34 chr1
chr1	7023015	7024310 H2AZ_Rep1__peak_95	40 chr1
chr1	7130322	7130713 H2AZ_Rep1__peak_96	29 chr1
chr1	7177350	7178106 H2AZ_Rep1__peak_97	105 chr1
chr1	7315580	7315909 H2AZ_Rep1__peak_98	23 chr1
chr1	7325054	7326418 H2AZ_Rep1__peak_99	33 chr1
chr1	7358766	7359933 H2AZ_Rep1__peak_100	22 chr1
chr1	7361279	7361692 H2AZ_Rep1__peak_101	24 chr1
chr1	7363664	7364188 H2AZ_Rep1__peak_102	27 chr1
chr1	7372131	7373482 H2AZ_Rep1__peak_103	19 chr1
chr1	7394499	7396647 H2AZ_Rep1__peak_104	19 chr1
chr1	7513064	7514472 H2AZ_Rep1__peak_105	22 chr1
chr1	7529744	7531912 H2AZ_Rep1__peak_106	28 chr1
chr1	7586389	7588053 H2AZ_Rep1__peak_107	61 chr1
chr1	7609074	7609436 H2AZ_Rep1__peak_108	38 chr1
chr1	7611045	7611894 H2AZ_Rep1__peak_109	23 chr1
chr1	7727785	7728238 H2AZ_Rep1__peak_111	67 chr1
chr1	7812494	7812987 H2AZ_Rep1__peak_112	29 chr1
chr1	7828522	7828865 H2AZ_Rep1__peak_113	15 chr1
chr1	7830746	7832046 H2AZ_Rep1__peak_114	93 chr1
chr1	7843022	7843544 H2AZ_Rep1__peak_115	39 chr1
chr1	7962670	7962970 H2AZ_Rep1__peak_117	42 chr1
chr1	8013717	8014729 H2AZ_Rep1__peak_119	65 chr1
chr1	8021012	8022352 H2AZ_Rep1__peak_120	65 chr1
chr1	8063682	8066822 H2AZ_Rep1__peak_121	33 chr1
chr1	8086572	8087329 H2AZ_Rep1__peak_122	51 chr1
chr1	8121577	8122557 H2AZ_Rep1__peak_123	54 chr1
chr1	8138299	8138691 H2AZ_Rep1__peak_124	21 chr1
chr1	8176478	8178623 H2AZ_Rep1__peak_126	85 chr1
chr1	8180610	8181998 H2AZ_Rep1__peak_127	60 chr1
chr1	8197747	8198368 H2AZ_Rep1__peak_128	48 chr1
chr1	8234276	8234628 H2AZ_Rep1__peak_129	28 chr1
chr1	8241799	8242145 H2AZ_Rep1__peak_130	27 chr1
chr1	8254519	8255265 H2AZ_Rep1__peak_131	21 chr1
chr1	8257572	8258452 H2AZ_Rep1__peak_132	47 chr1
chr1	8262567	8264761 H2AZ_Rep1__peak_133	23 chr1
chr1	8271841	8273319 H2AZ_Rep1__peak_134	56 chr1
chr1	8284678	8285594 H2AZ_Rep1__peak_135	34 chr1
chr1	8319109	8319653 H2AZ_Rep1__peak_136	25 chr1
chr1	8403066	8404309 H2AZ_Rep1__peak_137	132 chr1

chr1	8585741	8586137 H2AZ_Rep1__peak_138	30 chr1
chr1	8761068	8761476 H2AZ_Rep1__peak_139	23 chr1
chr1	8763647	8764028 H2AZ_Rep1__peak_140	26 chr1
chr1	8876926	8878632 H2AZ_Rep1__peak_141	56 chr1
chr1	8882053	8882924 H2AZ_Rep1__peak_142	32 chr1
chr1	8940475	8940881 H2AZ_Rep1__peak_143	17 chr1
chr1	8949074	8949824 H2AZ_Rep1__peak_144	140 chr1
chr1	8962868	8964246 H2AZ_Rep1__peak_145	20 chr1
chr1	8965769	8966265 H2AZ_Rep1__peak_146	42 chr1
chr1	9022831	9023376 H2AZ_Rep1__peak_147	15 chr1
chr1	9046110	9046857 H2AZ_Rep1__peak_149	23 chr1
chr1	9064961	9065334 H2AZ_Rep1__peak_150	71 chr1
chr1	9127071	9127768 H2AZ_Rep1__peak_152	50 chr1
chr1	9138774	9139535 H2AZ_Rep1__peak_153	60 chr1
chr1	9188159	9190062 H2AZ_Rep1__peak_154	51 chr1
chr1	9205290	9205795 H2AZ_Rep1__peak_155	26 chr1
chr1	9222937	9224082 H2AZ_Rep1__peak_156	26 chr1
chr1	9241313	9242633 H2AZ_Rep1__peak_157	82 chr1
chr1	9256078	9257102 H2AZ_Rep1__peak_158	52 chr1
chr1	9261601	9262716 H2AZ_Rep1__peak_159	43 chr1
chr1	9292242	9295628 H2AZ_Rep1__peak_160	49 chr1
chr1	9326810	9327661 H2AZ_Rep1__peak_161	29 chr1
chr1	9340578	9340930 H2AZ_Rep1__peak_162	32 chr1
chr1	9350349	9350963 H2AZ_Rep1__peak_163	50 chr1
chr1	9353674	9354227 H2AZ_Rep1__peak_164	56 chr1
chr1	9445836	9446709 H2AZ_Rep1__peak_165	25 chr1
chr1	9448616	9448948 H2AZ_Rep1__peak_166	30 chr1
chr1	9459985	9462023 H2AZ_Rep1__peak_167	40 chr1
chr1	9473071	9474026 H2AZ_Rep1__peak_168	25 chr1
chr1	9488286	9490269 H2AZ_Rep1__peak_169	150 chr1
chr1	9498407	9499224 H2AZ_Rep1__peak_170	26 chr1
chr1	9555487	9555787 H2AZ_Rep1__peak_172	21 chr1
chr1	9598885	9600479 H2AZ_Rep1__peak_173	40 chr1
chr1	9648270	9649721 H2AZ_Rep1__peak_174	58 chr1
chr1	9686913	9687652 H2AZ_Rep1__peak_175	31 chr1
chr1	9704686	9705207 H2AZ_Rep1__peak_176	26 chr1
chr1	9748917	9749491 H2AZ_Rep1__peak_177	70 chr1
chr1	9882889	9883374 H2AZ_Rep1__peak_178	69 chr1
chr1	9884916	9886297 H2AZ_Rep1__peak_179	95 chr1
chr1	9935092	9935713 H2AZ_Rep1__peak_180	50 chr1
chr1	9969339	9972546 H2AZ_Rep1__peak_181	94 chr1
chr1	10002649	10004123 H2AZ_Rep1__peak_182	99 chr1
chr1	10092251	10094957 H2AZ_Rep1__peak_183	85 chr1



chr1	10269700	10271688 H2AZ_Rep1__peak_184	115 chr1
chr1	10458270	10460152 H2AZ_Rep1__peak_185	123 chr1
chr1	10489992	10491435 H2AZ_Rep1__peak_186	140 chr1
chr1	10531945	10533137 H2AZ_Rep1__peak_187	124 chr1
chr1	10534553	10535738 H2AZ_Rep1__peak_188	53 chr1
chr1	10695695	10696046 H2AZ_Rep1__peak_189	50 chr1
chr1	10740474	10741135 H2AZ_Rep1__peak_190	37 chr1
chr1	10753676	10754452 H2AZ_Rep1__peak_191	42 chr1
chr1	10777063	10777974 H2AZ_Rep1__peak_192	14 chr1
chr1	10864244	10864763 H2AZ_Rep1__peak_193	52 chr1
chr1	10927348	10927837 H2AZ_Rep1__peak_194	48 chr1
chr1	10960049	10961942 H2AZ_Rep1__peak_195	96 chr1
chr1	11004154	11004632 H2AZ_Rep1__peak_196	39 chr1
chr1	11020967	11021627 H2AZ_Rep1__peak_197	25 chr1
chr1	11025276	11026466 H2AZ_Rep1__peak_198	38 chr1
chr1	11035655	11036409 H2AZ_Rep1__peak_199	102 chr1
chr1	11071894	11073216 H2AZ_Rep1__peak_200	71 chr1
chr1	11119250	11121177 H2AZ_Rep1__peak_201	41 chr1
chr1	11159191	11160388 H2AZ_Rep1__peak_202	105 chr1
chr1	11322091	11323617 H2AZ_Rep1__peak_203	63 chr1
chr1	11332505	11334121 H2AZ_Rep1__peak_204	66 chr1
chr1	11538953	11539450 H2AZ_Rep1__peak_205	30 chr1
chr1	11713114	11714886 H2AZ_Rep1__peak_206	39 chr1
chr1	11740625	11742096 H2AZ_Rep1__peak_207	93 chr1
chr1	11753014	11754034 H2AZ_Rep1__peak_208	36 chr1
chr1	11767539	11768368 H2AZ_Rep1__peak_209	24 chr1
chr1	11779469	11780252 H2AZ_Rep1__peak_210	68 chr1
chr1	11792931	11793463 H2AZ_Rep1__peak_211	17 chr1
chr1	11795487	11797486 H2AZ_Rep1__peak_212	75 chr1
chr1	11862888	11863940 H2AZ_Rep1__peak_214	35 chr1
chr1	11865179	11866676 H2AZ_Rep1__peak_215	20 chr1
chr1	11969286	11970017 H2AZ_Rep1__peak_216	16 chr1
chr1	11986711	11988226 H2AZ_Rep1__peak_217	25 chr1
chr1	11989821	11991614 H2AZ_Rep1__peak_218	43 chr1
chr1	11994091	11995203 H2AZ_Rep1__peak_219	141 chr1
chr1	12039586	12041003 H2AZ_Rep1__peak_220	74 chr1
chr1	12079554	12080401 H2AZ_Rep1__peak_221	91 chr1
chr1	12128022	12128521 H2AZ_Rep1__peak_222	62 chr1
chr1	12141728	12142047 H2AZ_Rep1__peak_223	28 chr1
chr1	12185365	12185763 H2AZ_Rep1__peak_224	16 chr1
chr1	12192389	12193232 H2AZ_Rep1__peak_225	18 chr1
chr1	12203593	12205107 H2AZ_Rep1__peak_226	45 chr1
chr1	12221666	12222802 H2AZ_Rep1__peak_227	52 chr1

chr1	12289536	12291597	H2AZ_Rep1__peak_228	40	chr1
chr1	12588431	12588828	H2AZ_Rep1__peak_229	47	chr1
chr1	12600113	12600691	H2AZ_Rep1__peak_230	52	chr1
chr1	12609534	12610244	H2AZ_Rep1__peak_231	33	chr1
chr1	12656101	12656533	H2AZ_Rep1__peak_232	45	chr1
chr1	12676204	12679620	H2AZ_Rep1__peak_233	37	chr1
chr1	12718747	12719181	H2AZ_Rep1__peak_234	35	chr1
chr1	14075041	14076709	H2AZ_Rep1__peak_235	81	chr1
chr1	15478486	15480746	H2AZ_Rep1__peak_237	88	chr1
chr1	15498717	15499342	H2AZ_Rep1__peak_238	14	chr1
chr1	15527248	15527587	H2AZ_Rep1__peak_239	35	chr1
chr1	15598705	15600649	H2AZ_Rep1__peak_240	29	chr1
chr1	15649855	15650611	H2AZ_Rep1__peak_241	34	chr1
chr1	15663787	15665060	H2AZ_Rep1__peak_242	42	chr1
chr1	15668132	15668939	H2AZ_Rep1__peak_243	40	chr1
chr1	15672193	15673366	H2AZ_Rep1__peak_244	70	chr1
chr1	15678720	15679606	H2AZ_Rep1__peak_245	19	chr1
chr1	15735641	15737388	H2AZ_Rep1__peak_246	24	chr1
chr1	15789703	15790151	H2AZ_Rep1__peak_248	47	chr1
chr1	15849678	15853845	H2AZ_Rep1__peak_249	27	chr1
chr1	15910971	15911878	H2AZ_Rep1__peak_250	103	chr1
chr1	15929552	15930638	H2AZ_Rep1__peak_251	97	chr1
chr1	15942206	15944736	H2AZ_Rep1__peak_252	72	chr1
chr1	16006473	16008080	H2AZ_Rep1__peak_253	17	chr1
chr1	16010444	16010744	H2AZ_Rep1__peak_254	26	chr1
chr1	16068011	16068410	H2AZ_Rep1__peak_255	52	chr1
chr1	16075716	16076376	H2AZ_Rep1__peak_256	41	chr1
chr1	16083028	16083346	H2AZ_Rep1__peak_257	27	chr1
chr1	16085662	16087315	H2AZ_Rep1__peak_258	21	chr1
chr1	16090683	16091383	H2AZ_Rep1__peak_259	34	chr1
chr1	16126206	16127520	H2AZ_Rep1__peak_260	23	chr1
chr1	16159727	16162981	H2AZ_Rep1__peak_261	53	chr1
chr1	16173472	16174486	H2AZ_Rep1__peak_262	79	chr1
chr1	16175842	16176652	H2AZ_Rep1__peak_263	18	chr1
chr1	16279151	16280277	H2AZ_Rep1__peak_264	14	chr1
chr1	16301875	16303518	H2AZ_Rep1__peak_265	85	chr1
chr1	16339173	16340296	H2AZ_Rep1__peak_266	18	chr1
chr1	16375131	16375488	H2AZ_Rep1__peak_267	45	chr1
chr1	16399720	16400587	H2AZ_Rep1__peak_268	52	chr1
chr1	16402437	16406114	H2AZ_Rep1__peak_269	60	chr1
chr1	16482671	16482971	H2AZ_Rep1__peak_270	24	chr1
chr1	16498178	16499872	H2AZ_Rep1__peak_271	27	chr1
chr1	16502331	16502836	H2AZ_Rep1__peak_272	31	chr1

chr1	16510218	16511718 H2AZ_Rep1__peak_273	30 chr1
chr1	16514177	16516084 H2AZ_Rep1__peak_274	36 chr1
chr1	16532478	16535469 H2AZ_Rep1__peak_275	36 chr1
chr1	16543531	16544468 H2AZ_Rep1__peak_276	49 chr1
chr1	16562626	16564470 H2AZ_Rep1__peak_277	71 chr1
chr1	16678491	16679596 H2AZ_Rep1__peak_278	128 chr1
chr1	16693069	16694458 H2AZ_Rep1__peak_279	77 chr1
chr1	16766552	16768124 H2AZ_Rep1__peak_280	144 chr1
chr1	16825424	16826411 H2AZ_Rep1__peak_281	142 chr1
chr1	16839895	16841099 H2AZ_Rep1__peak_282	53 chr1
chr1	16938955	16940878 H2AZ_Rep1__peak_283	238 chr1
chr1	16970345	16971929 H2AZ_Rep1__peak_284	226 chr1
chr1	17026352	17026851 H2AZ_Rep1__peak_285	39 chr1
chr1	17029821	17030558 H2AZ_Rep1__peak_286	34 chr1
chr1	17033763	17034685 H2AZ_Rep1__peak_287	37 chr1
chr1	17053899	17054462 H2AZ_Rep1__peak_288	26 chr1
chr1	17221729	17222598 H2AZ_Rep1__peak_289	29 chr1
chr1	17229500	17232642 H2AZ_Rep1__peak_290	116 chr1
chr1	17239908	17241247 H2AZ_Rep1__peak_291	178 chr1
chr1	17248014	17248455 H2AZ_Rep1__peak_292	36 chr1
chr1	17286805	17287954 H2AZ_Rep1__peak_293	50 chr1
chr1	17337811	17338977 H2AZ_Rep1__peak_294	105 chr1
chr1	17379986	17381044 H2AZ_Rep1__peak_295	82 chr1
chr1	17401350	17402099 H2AZ_Rep1__peak_296	49 chr1
chr1	17424887	17425736 H2AZ_Rep1__peak_297	35 chr1
chr1	17452491	17452791 H2AZ_Rep1__peak_298	30 chr1
chr1	17512569	17513366 H2AZ_Rep1__peak_300	26 chr1
chr1	17516223	17517340 H2AZ_Rep1__peak_301	29 chr1
chr1	17535736	17537205 H2AZ_Rep1__peak_302	24 chr1
chr1	17539332	17539792 H2AZ_Rep1__peak_303	21 chr1
chr1	17542250	17542831 H2AZ_Rep1__peak_304	13 chr1
chr1	17552718	17553195 H2AZ_Rep1__peak_305	51 chr1
chr1	17563654	17564049 H2AZ_Rep1__peak_306	47 chr1
chr1	17576845	17577873 H2AZ_Rep1__peak_307	30 chr1
chr1	17603046	17603627 H2AZ_Rep1__peak_308	44 chr1
chr1	17674341	17675503 H2AZ_Rep1__peak_310	78 chr1
chr1	17766314	17768431 H2AZ_Rep1__peak_311	48 chr1
chr1	17786647	17787627 H2AZ_Rep1__peak_312	109 chr1
chr1	17802402	17804421 H2AZ_Rep1__peak_313	59 chr1
chr1	17814268	17815797 H2AZ_Rep1__peak_314	17 chr1
chr1	17858427	17858842 H2AZ_Rep1__peak_315	29 chr1
chr1	17865749	17867037 H2AZ_Rep1__peak_316	87 chr1
chr1	17871603	17872020 H2AZ_Rep1__peak_317	21 chr1

chr1	17878268	17878770 H2AZ_Rep1__peak_318	57 chr1
chr1	17895787	17896834 H2AZ_Rep1__peak_319	130 chr1
chr1	18081788	18082122 H2AZ_Rep1__peak_320	37 chr1
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chr1	49343954	49344747	H2AZ_Rep1__peak_952	18	chr1
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chr1	85600315	85600880	H2AZ_Rep1__peak_1287	17 chr1
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chr1	85741743	85743000	H2AZ_Rep1__peak_1291	26 chr1
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chr1	86072738	86073270	H2AZ_Rep1__peak_1300	55 chr1
chr1	86173444	86175044	H2AZ_Rep1__peak_1302	130 chr1
chr1	86555523	86555935	H2AZ_Rep1__peak_1304	26 chr1



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chr1	87597527	87598007 H2AZ_Rep1__peak_1318	73 chr1
chr1	87793336	87797160 H2AZ_Rep1__peak_1319	47 chr1
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chr1	154155009	154156459	H2AZ_Rep1__peak_1894	97	chr1
chr1	154166177	154166849	H2AZ_Rep1__peak_1895	21	chr1
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chr1	154192640	154193137	H2AZ_Rep1__peak_1897	78	chr1
chr1	154244208	154245765	H2AZ_Rep1__peak_1898	108	chr1
chr1	154298548	154299780	H2AZ_Rep1__peak_1899	39	chr1
chr1	154306574	154307775	H2AZ_Rep1__peak_1900	24	chr1
chr1	154327100	154327494	H2AZ_Rep1__peak_1901	19	chr1
chr1	154357774	154358510	H2AZ_Rep1__peak_1902	27	chr1
chr1	154363703	154364357	H2AZ_Rep1__peak_1903	26	chr1
chr1	154377118	154379167	H2AZ_Rep1__peak_1904	104	chr1
chr1	154391083	154392235	H2AZ_Rep1__peak_1905	15	chr1
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chr1	154530185	154532268	H2AZ_Rep1__peak_1907	173	chr1
chr1	154580055	154582216	H2AZ_Rep1__peak_1908	82	chr1
chr1	154599622	154600970	H2AZ_Rep1__peak_1909	160	chr1
chr1	154670927	154671482	H2AZ_Rep1__peak_1910	19	chr1
chr1	154686817	154687401	H2AZ_Rep1__peak_1911	15	chr1
chr1	154702643	154703733	H2AZ_Rep1__peak_1912	37	chr1
chr1	154811693	154813482	H2AZ_Rep1__peak_1913	19	chr1
chr1	154842519	154843438	H2AZ_Rep1__peak_1914	17	chr1
chr1	154904328	154905162	H2AZ_Rep1__peak_1916	85	chr1
chr1	154908605	154910360	H2AZ_Rep1__peak_1917	192	chr1
chr1	154928037	154929107	H2AZ_Rep1__peak_1918	58	chr1
chr1	154933500	154934941	H2AZ_Rep1__peak_1919	62	chr1
chr1	154955211	154956167	H2AZ_Rep1__peak_1920	31	chr1
chr1	154973290	154976801	H2AZ_Rep1__peak_1921	50	chr1
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chr1	155017190	155017490	H2AZ_Rep1__peak_1923	28	chr1
chr1	155021058	155025381	H2AZ_Rep1__peak_1924	87	chr1
chr1	155035980	155036977	H2AZ_Rep1__peak_1925	48	chr1
chr1	155043331	155044130	H2AZ_Rep1__peak_1926	77	chr1
chr1	155050824	155051712	H2AZ_Rep1__peak_1927	57	chr1
chr1	155056754	155058522	H2AZ_Rep1__peak_1928	106	chr1
chr1	155063499	155064472	H2AZ_Rep1__peak_1929	68	chr1

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chr1	155096356	155100582	H2AZ_Rep1__peak_1932	70	chr1
chr1	155102340	155102704	H2AZ_Rep1__peak_1933	12	chr1
chr1	155107877	155108664	H2AZ_Rep1__peak_1934	41	chr1
chr1	155112347	155113533	H2AZ_Rep1__peak_1935	145	chr1
chr1	155140089	155140542	H2AZ_Rep1__peak_1936	69	chr1
chr1	155145056	155145845	H2AZ_Rep1__peak_1937	117	chr1
chr1	155148673	155149775	H2AZ_Rep1__peak_1938	57	chr1
chr1	155162161	155165532	H2AZ_Rep1__peak_1939	41	chr1
chr1	155176791	155179548	H2AZ_Rep1__peak_1940	55	chr1
chr1	155188656	155189874	H2AZ_Rep1__peak_1941	118	chr1
chr1	155196501	155198096	H2AZ_Rep1__peak_1942	155	chr1
chr1	155210893	155211286	H2AZ_Rep1__peak_1943	31	chr1
chr1	155213587	155215230	H2AZ_Rep1__peak_1944	109	chr1
chr1	155224407	155225739	H2AZ_Rep1__peak_1945	46	chr1
chr1	155231305	155232666	H2AZ_Rep1__peak_1946	77	chr1
chr1	155242757	155243913	H2AZ_Rep1__peak_1947	101	chr1
chr1	155246604	155248594	H2AZ_Rep1__peak_1948	92	chr1
chr1	155275681	155276230	H2AZ_Rep1__peak_1949	22	chr1
chr1	155277964	155279260	H2AZ_Rep1__peak_1950	37	chr1
chr1	155292726	155295560	H2AZ_Rep1__peak_1951	63	chr1
chr1	155531866	155533380	H2AZ_Rep1__peak_1952	101	chr1
chr1	155561811	155562115	H2AZ_Rep1__peak_1953	28	chr1
chr1	155579296	155579931	H2AZ_Rep1__peak_1954	171	chr1
chr1	155607091	155607666	H2AZ_Rep1__peak_1955	77	chr1
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chr1	155619916	155622211	H2AZ_Rep1__peak_1957	55	chr1
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chr1	155714766	155715475	H2AZ_Rep1__peak_1959	154	chr1
chr1	155826566	155830999	H2AZ_Rep1__peak_1960	84	chr1
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chr1	155880352	155881310	H2AZ_Rep1__peak_1963	61	chr1
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chr1	155947611	155949493	H2AZ_Rep1__peak_1966	25	chr1
chr1	155970790	155974948	H2AZ_Rep1__peak_1967	45	chr1
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chr1	156051917	156053306	H2AZ_Rep1__peak_1971	49	chr1
chr1	156060381	156060986	H2AZ_Rep1__peak_1972	31	chr1

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chr1	156163088	156164382	H2AZ_Rep1__peak_1976	47	chr1
chr1	156182100	156183487	H2AZ_Rep1__peak_1977	94	chr1
chr1	156251763	156253389	H2AZ_Rep1__peak_1978	56	chr1
chr1	156264954	156266132	H2AZ_Rep1__peak_1979	106	chr1
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chr1	156349255	156349838	H2AZ_Rep1__peak_1982	66	chr1
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chr1	156521550	156523182	H2AZ_Rep1__peak_1986	20	chr1
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chr1	156560942	156562147	H2AZ_Rep1__peak_1989	121	chr1
chr1	156570654	156572768	H2AZ_Rep1__peak_1990	110	chr1
chr1	156630174	156632151	H2AZ_Rep1__peak_1991	57	chr1
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chr1	156658701	156659681	H2AZ_Rep1__peak_1994	127	chr1
chr1	156661348	156662210	H2AZ_Rep1__peak_1995	77	chr1
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chr1	156697860	156699086	H2AZ_Rep1__peak_1997	68	chr1
chr1	156710485	156710881	H2AZ_Rep1__peak_1998	45	chr1
chr1	156721765	156722364	H2AZ_Rep1__peak_1999	140	chr1
chr1	156735731	156737657	H2AZ_Rep1__peak_2000	129	chr1
chr1	156783125	156784297	H2AZ_Rep1__peak_2001	175	chr1
chr1	156829153	156830152	H2AZ_Rep1__peak_2002	30	chr1
chr1	156840080	156841125	H2AZ_Rep1__peak_2003	38	chr1
chr1	156859597	156860090	H2AZ_Rep1__peak_2004	98	chr1
chr1	156876750	156877651	H2AZ_Rep1__peak_2006	60	chr1
chr1	157015006	157016420	H2AZ_Rep1__peak_2007	56	chr1
chr1	157075933	157076808	H2AZ_Rep1__peak_2008	17	chr1
chr1	157107340	157108898	H2AZ_Rep1__peak_2009	58	chr1
chr1	157117173	157118570	H2AZ_Rep1__peak_2010	70	chr1
chr1	157123449	157126335	H2AZ_Rep1__peak_2011	57	chr1
chr1	157962123	157964062	H2AZ_Rep1__peak_2012	37	chr1
chr1	158115929	158116612	H2AZ_Rep1__peak_2013	32	chr1
chr1	158118893	158120518	H2AZ_Rep1__peak_2014	122	chr1
chr1	158968255	158970092	H2AZ_Rep1__peak_2015	57	chr1
chr1	158978798	158980157	H2AZ_Rep1__peak_2016	42	chr1

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chr1	159567499	159568616	H2AZ_Rep1__peak_2020	27	chr1
chr1	159721659	159722437	H2AZ_Rep1__peak_2021	18	chr1
chr1	159750405	159750963	H2AZ_Rep1__peak_2022	54	chr1
chr1	159823804	159825293	H2AZ_Rep1__peak_2023	51	chr1
chr1	159837503	159839303	H2AZ_Rep1__peak_2024	16	chr1
chr1	159851322	159852942	H2AZ_Rep1__peak_2025	21	chr1
chr1	159859399	159860441	H2AZ_Rep1__peak_2026	53	chr1
chr1	159880153	159880601	H2AZ_Rep1__peak_2027	15	chr1
chr1	159893248	159895944	H2AZ_Rep1__peak_2028	72	chr1
chr1	160001241	160002699	H2AZ_Rep1__peak_2029	61	chr1
chr1	160067703	160069307	H2AZ_Rep1__peak_2030	60	chr1
chr1	160070937	160072213	H2AZ_Rep1__peak_2031	50	chr1
chr1	160078178	160079769	H2AZ_Rep1__peak_2032	46	chr1
chr1	160094226	160095662	H2AZ_Rep1__peak_2033	18	chr1
chr1	160156314	160156857	H2AZ_Rep1__peak_2034	16	chr1
chr1	160174627	160176099	H2AZ_Rep1__peak_2035	55	chr1
chr1	160231587	160233108	H2AZ_Rep1__peak_2036	112	chr1
chr1	160253944	160255308	H2AZ_Rep1__peak_2037	48	chr1
chr1	160312474	160313734	H2AZ_Rep1__peak_2038	82	chr1
chr1	160588691	160589161	H2AZ_Rep1__peak_2039	71	chr1
chr1	160959923	160960289	H2AZ_Rep1__peak_2040	25	chr1
chr1	160967234	160967783	H2AZ_Rep1__peak_2041	39	chr1
chr1	160990380	160991824	H2AZ_Rep1__peak_2042	120	chr1
chr1	161014677	161016398	H2AZ_Rep1__peak_2043	84	chr1
chr1	161050546	161051118	H2AZ_Rep1__peak_2044	63	chr1
chr1	161052777	161053990	H2AZ_Rep1__peak_2045	97	chr1
chr1	161055245	161056495	H2AZ_Rep1__peak_2046	13	chr1
chr1	161067570	161068602	H2AZ_Rep1__peak_2047	195	chr1
chr1	161087293	161088528	H2AZ_Rep1__peak_2048	72	chr1
chr1	161101684	161103690	H2AZ_Rep1__peak_2049	55	chr1
chr1	161122893	161124447	H2AZ_Rep1__peak_2050	152	chr1
chr1	161128944	161129972	H2AZ_Rep1__peak_2051	81	chr1
chr1	161135458	161137089	H2AZ_Rep1__peak_2052	73	chr1
chr1	161146607	161148183	H2AZ_Rep1__peak_2053	146	chr1
chr1	161151963	161152941	H2AZ_Rep1__peak_2054	23	chr1
chr1	161167652	161169325	H2AZ_Rep1__peak_2055	45	chr1
chr1	161171037	161172844	H2AZ_Rep1__peak_2056	101	chr1
chr1	161195050	161197685	H2AZ_Rep1__peak_2057	83	chr1
chr1	161276869	161278409	H2AZ_Rep1__peak_2058	53	chr1
chr1	161283500	161285054	H2AZ_Rep1__peak_2059	170	chr1
chr1	161352095	161352827	H2AZ_Rep1__peak_2060	33	chr1



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chr1	161367928	161370415	H2AZ_Rep1__peak_2062	151	chr1
chr1	161391590	161392274	H2AZ_Rep1__peak_2063	40	chr1
chr1	161397979	161398565	H2AZ_Rep1__peak_2064	85	chr1
chr1	161409589	161410594	H2AZ_Rep1__peak_2065	72	chr1
chr1	161442881	161443570	H2AZ_Rep1__peak_2066	116	chr1
chr1	161457026	161457446	H2AZ_Rep1__peak_2067	46	chr1
chr1	161475619	161476426	H2AZ_Rep1__peak_2068	18	chr1
chr1	161483373	161483782	H2AZ_Rep1__peak_2069	31	chr1
chr1	161493742	161494407	H2AZ_Rep1__peak_2070	85	chr1
chr1	161500334	161501397	H2AZ_Rep1__peak_2071	61	chr1
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chr1	161581334	161582115	H2AZ_Rep1__peak_2073	40	chr1
chr1	161591151	161591910	H2AZ_Rep1__peak_2074	23	chr1
chr1	161696061	161697298	H2AZ_Rep1__peak_2075	61	chr1
chr1	161699677	161700241	H2AZ_Rep1__peak_2076	30	chr1
chr1	161711063	161711550	H2AZ_Rep1__peak_2077	45	chr1
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chr1	162005099	162006247	H2AZ_Rep1__peak_2081	36	chr1
chr1	162024944	162026265	H2AZ_Rep1__peak_2082	25	chr1
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chr1	162319484	162320318	H2AZ_Rep1__peak_2087	24	chr1
chr1	162350652	162352170	H2AZ_Rep1__peak_2088	21	chr1
chr1	162361334	162362338	H2AZ_Rep1__peak_2089	47	chr1
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chr1	162388541	162391350	H2AZ_Rep1__peak_2091	20	chr1
chr1	162414398	162414698	H2AZ_Rep1__peak_2092	17	chr1
chr1	162466802	162468252	H2AZ_Rep1__peak_2093	111	chr1
chr1	162508506	162509184	H2AZ_Rep1__peak_2095	33	chr1
chr1	162511442	162511946	H2AZ_Rep1__peak_2096	16	chr1
chr1	162520714	162521104	H2AZ_Rep1__peak_2098	38	chr1
chr1	162530710	162532496	H2AZ_Rep1__peak_2099	61	chr1
chr1	162583394	162583756	H2AZ_Rep1__peak_2100	41	chr1
chr1	162651312	162652212	H2AZ_Rep1__peak_2101	30	chr1
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chr1	162665915	162666792	H2AZ_Rep1__peak_2103	59	chr1
chr1	162724588	162724973	H2AZ_Rep1__peak_2104	17	chr1
chr1	162759866	162760896	H2AZ_Rep1__peak_2105	58	chr1
chr1	162816556	162816998	H2AZ_Rep1__peak_2106	22	chr1

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chr1	162851564	162852683	H2AZ_Rep1__peak_2109	18	chr1
chr1	162886773	162887355	H2AZ_Rep1__peak_2111	28	chr1
chr1	162892120	162892467	H2AZ_Rep1__peak_2112	10	chr1
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chr1	163005377	163006753	H2AZ_Rep1__peak_2115	26	chr1
chr1	163062862	163064859	H2AZ_Rep1__peak_2118	75	chr1
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chr1	164756648	164757114	H2AZ_Rep1__peak_2130	47	chr1
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chr1	165570897	165571528	H2AZ_Rep1__peak_2134	154	chr1
chr1	165599309	165601615	H2AZ_Rep1__peak_2135	114	chr1
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chr1	165796166	165798355	H2AZ_Rep1__peak_2139	30	chr1
chr1	166458891	166459756	H2AZ_Rep1__peak_2140	39	chr1
chr1	166807879	166809498	H2AZ_Rep1__peak_2141	138	chr1
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chr1	167051076	167052762	H2AZ_Rep1__peak_2146	126	chr1
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chr1	167416427	167417577	H2AZ_Rep1__peak_2151	67	chr1
chr1	167424129	167424759	H2AZ_Rep1__peak_2152	44	chr1
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chr1	167690161	167692184	H2AZ_Rep1__peak_2160	64	chr1
chr1	167765081	167766601	H2AZ_Rep1__peak_2161	14	chr1
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chr1	167799113	167800332	H2AZ_Rep1__peak_2164	25	chr1
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chr1	168051349	168052025	H2AZ_Rep1__peak_2167	50	chr1
chr1	168058313	168059042	H2AZ_Rep1__peak_2168	43	chr1
chr1	168105024	168107088	H2AZ_Rep1__peak_2169	77	chr1
chr1	168139964	168140688	H2AZ_Rep1__peak_2170	39	chr1
chr1	168147486	168149332	H2AZ_Rep1__peak_2171	91	chr1
chr1	168194207	168196008	H2AZ_Rep1__peak_2172	98	chr1
chr1	168271159	168271470	H2AZ_Rep1__peak_2173	17	chr1
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chr1	168317402	168317995	H2AZ_Rep1__peak_2175	24	chr1
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chr1	171403565	171404689	H2AZ_Rep1__peak_2201	38	chr1
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chr1	171614185	171614795	H2AZ_Rep1__peak_2203	194	chr1

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chr1	240443759	240444608	H2AZ_Rep1__peak_3073	66 chr1
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chr1	240662070	240662814	H2AZ_Rep1__peak_3076	41 chr1
chr1	240760030	240760477	H2AZ_Rep1__peak_3078	20 chr1
chr1	241682095	241684083	H2AZ_Rep1__peak_3081	59 chr1
chr1	241694401	241695566	H2AZ_Rep1__peak_3082	76 chr1
chr1	241802585	241805937	H2AZ_Rep1__peak_3083	74 chr1
chr1	241911142	241913546	H2AZ_Rep1__peak_3084	76 chr1
chr1	241945808	241946108	H2AZ_Rep1__peak_3085	20 chr1
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chr1	244462489	244467387	H2AZ_Rep1__peak_3102	68 chr1
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chr12	8832408	8835055 H2AZ_Rep1__peak_6217	14 chr12
chr12	9043347	9043820 H2AZ_Rep1__peak_6219	104 chr12
chr12	9066009	9067968 H2AZ_Rep1__peak_6220	142 chr12
chr12	9101520	9103838 H2AZ_Rep1__peak_6221	96 chr12

chr12	9216466	9218312 H2AZ_Rep1__peak_6222	63 chr12
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chr12	9296663	9297168 H2AZ_Rep1__peak_6224	19 chr12
chr12	9299620	9300404 H2AZ_Rep1__peak_6225	12 chr12
chr12	9599707	9601446 H2AZ_Rep1__peak_6226	44 chr12
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chr12	9826138	9827136 H2AZ_Rep1__peak_6229	64 chr12
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chr12	9895274	9895608 H2AZ_Rep1__peak_6231	46 chr12
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chr12	9949585	9951945 H2AZ_Rep1__peak_6234	44 chr12
chr12	10021376	10024303 H2AZ_Rep1__peak_6235	66 chr12
chr12	10078225	10078658 H2AZ_Rep1__peak_6236	35 chr12
chr12	10095512	10096274 H2AZ_Rep1__peak_6237	22 chr12
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chr12	10765702	10766986 H2AZ_Rep1__peak_6256	135 chr12
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chr12	11639394	11640679 H2AZ_Rep1__peak_6263	11 chr12
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chr12	12245161	12245757 H2AZ_Rep1__peak_6269	24 chr12
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chr12	22777336	22779061 H2AZ_Rep1__peak_6393	197 chr12
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chr13	20748714	20749812	H2AZ_Rep1__peak_7854	66	chr13
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chr14	21092468	21093582	H2AZ_Rep1__peak_8526	86	chr14
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chr14	21147850	21153595	H2AZ_Rep1__peak_8528	94	chr14
chr14	21429125	21429440	H2AZ_Rep1__peak_8530	27	chr14
chr14	21439000	21440232	H2AZ_Rep1__peak_8531	169	chr14
chr14	21457516	21458720	H2AZ_Rep1__peak_8532	95	chr14
chr14	21466971	21467814	H2AZ_Rep1__peak_8533	35	chr14
chr14	21512075	21513011	H2AZ_Rep1__peak_8534	42	chr14
chr14	21536873	21539450	H2AZ_Rep1__peak_8535	36	chr14
chr14	21566911	21567975	H2AZ_Rep1__peak_8536	47	chr14
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chr14	21574473	21576213	H2AZ_Rep1__peak_8538	68	chr14
chr14	21659341	21660793	H2AZ_Rep1__peak_8539	64	chr14
chr14	21737966	21738557	H2AZ_Rep1__peak_8540	125	chr14
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chr14	21811111	21811881	H2AZ_Rep1__peak_8542	28	chr14

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chr14	23057483	23058970 H2AZ_Rep1__peak_8553	87 chr14
chr14	23066657	23068511 H2AZ_Rep1__peak_8554	130 chr14
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chr14	31888864	31890781 H2AZ_Rep1__peak_8656	98 chr14
chr14	31910508	31912331 H2AZ_Rep1__peak_8657	31 chr14
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chr16	14012255	14014575 H2AZ_Rep1__peak_11060	145 chr16
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chr18	3296773	3297538 H2AZ_Rep1__peak_13479	84 chr18
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chr19	781881	784835 H2AZ_Rep1__peak_14158	28 chr19
chr19	796668	797030 H2AZ_Rep1__peak_14159	57 chr19
chr19	823597	823938 H2AZ_Rep1__peak_14160	41 chr19
chr19	850385	851146 H2AZ_Rep1__peak_14161	81 chr19
chr19	858982	861017 H2AZ_Rep1__peak_14162	52 chr19
chr19	892937	893345 H2AZ_Rep1__peak_14163	53 chr19
chr19	913315	913878 H2AZ_Rep1__peak_14164	54 chr19
chr19	924810	926375 H2AZ_Rep1__peak_14165	92 chr19
chr19	941068	941507 H2AZ_Rep1__peak_14166	38 chr19
chr19	982538	984584 H2AZ_Rep1__peak_14167	60 chr19
chr19	1020682	1021498 H2AZ_Rep1__peak_14168	24 chr19
chr19	1026028	1028042 H2AZ_Rep1__peak_14169	75 chr19
chr19	1039988	1042757 H2AZ_Rep1__peak_14170	46 chr19
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chr19	1101577	1102028 H2AZ_Rep1__peak_14172	38 chr19
chr19	1177132	1177966 H2AZ_Rep1__peak_14173	50 chr19
chr19	1180331	1180975 H2AZ_Rep1__peak_14174	45 chr19
chr19	1183580	1185612 H2AZ_Rep1__peak_14175	19 chr19
chr19	1226615	1228185 H2AZ_Rep1__peak_14176	29 chr19
chr19	1240389	1241719 H2AZ_Rep1__peak_14177	29 chr19
chr19	1275571	1276316 H2AZ_Rep1__peak_14178	22 chr19
chr19	1324889	1325718 H2AZ_Rep1__peak_14179	63 chr19

chr19	1354378	1355279 H2AZ_Rep1__peak_14180	44 chr19
chr19	1383538	1384289 H2AZ_Rep1__peak_14181	36 chr19
chr19	1402651	1402994 H2AZ_Rep1__peak_14182	51 chr19
chr19	1406921	1407313 H2AZ_Rep1__peak_14183	76 chr19
chr19	1437898	1438265 H2AZ_Rep1__peak_14184	58 chr19
chr19	1445391	1445727 H2AZ_Rep1__peak_14185	66 chr19
chr19	1453832	1454367 H2AZ_Rep1__peak_14186	16 chr19
chr19	1478807	1479813 H2AZ_Rep1__peak_14187	93 chr19
chr19	1489939	1491546 H2AZ_Rep1__peak_14188	99 chr19
chr19	1507855	1508264 H2AZ_Rep1__peak_14189	35 chr19
chr19	1512776	1513985 H2AZ_Rep1__peak_14190	46 chr19
chr19	1546144	1546462 H2AZ_Rep1__peak_14191	18 chr19
chr19	1592109	1593413 H2AZ_Rep1__peak_14193	24 chr19
chr19	1604845	1606607 H2AZ_Rep1__peak_14194	71 chr19
chr19	1651618	1653476 H2AZ_Rep1__peak_14195	84 chr19
chr19	1655516	1655964 H2AZ_Rep1__peak_14196	35 chr19
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chr19	1675423	1676251 H2AZ_Rep1__peak_14198	28 chr19
chr19	1725313	1726071 H2AZ_Rep1__peak_14199	56 chr19
chr19	1747000	1748591 H2AZ_Rep1__peak_14200	35 chr19
chr19	1767023	1767601 H2AZ_Rep1__peak_14201	97 chr19
chr19	1773058	1773605 H2AZ_Rep1__peak_14202	24 chr19
chr19	1774806	1775396 H2AZ_Rep1__peak_14203	24 chr19
chr19	1811813	1813226 H2AZ_Rep1__peak_14204	63 chr19
chr19	1848453	1849112 H2AZ_Rep1__peak_14205	37 chr19
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chr19	1875665	1876612 H2AZ_Rep1__peak_14207	35 chr19
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chr19	1929070	1930123 H2AZ_Rep1__peak_14211	50 chr19
chr19	1939883	1942524 H2AZ_Rep1__peak_14212	56 chr19
chr19	2032046	2033063 H2AZ_Rep1__peak_14213	79 chr19
chr19	2051416	2052561 H2AZ_Rep1__peak_14214	52 chr19
chr19	2053904	2054327 H2AZ_Rep1__peak_14215	31 chr19
chr19	2061811	2062628 H2AZ_Rep1__peak_14216	35 chr19
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chr19	2095879	2096549 H2AZ_Rep1__peak_14218	26 chr19
chr19	2151012	2152211 H2AZ_Rep1__peak_14219	29 chr19
chr19	2236331	2237088 H2AZ_Rep1__peak_14221	59 chr19
chr19	2260203	2261943 H2AZ_Rep1__peak_14222	28 chr19
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chr19	2327828	2329152 H2AZ_Rep1__peak_14224	50 chr19

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chr19	2456451	2457485 H2AZ_Rep1__peak_14227	53 chr19
chr19	2468764	2469910 H2AZ_Rep1__peak_14228	70 chr19
chr19	2474797	2475845 H2AZ_Rep1__peak_14229	60 chr19
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chr19	2494681	2496100 H2AZ_Rep1__peak_14231	33 chr19
chr19	2503766	2504335 H2AZ_Rep1__peak_14232	51 chr19
chr19	2506917	2507466 H2AZ_Rep1__peak_14233	83 chr19
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chr19	2552959	2553289 H2AZ_Rep1__peak_14239	39 chr19
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chr19	2598840	2599404 H2AZ_Rep1__peak_14242	24 chr19
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chr19	2637400	2637861 H2AZ_Rep1__peak_14247	17 chr19
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chr19	2739188	2739961 H2AZ_Rep1__peak_14249	75 chr19
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chr19	3275154	3276452 H2AZ_Rep1__peak_14269	87 chr19
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chr19	3360406	3360929 H2AZ_Rep1__peak_14273	85 chr19
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chr19	4066496	4067696 H2AZ_Rep1__peak_14291	25 chr19
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chr19	4145523	4146350 H2AZ_Rep1__peak_14294	51 chr19
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chr19	8617660	8618242 H2AZ_Rep1__peak_14417	40 chr19
chr19	8635751	8636314 H2AZ_Rep1__peak_14418	62 chr19
chr19	8675053	8675567 H2AZ_Rep1__peak_14419	132 chr19
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chr19	9545693	9546757 H2AZ_Rep1__peak_14431	106 chr19
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chr19	9731444	9732812 H2AZ_Rep1__peak_14434	144 chr19
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chr19	10687415	10688140 H2AZ_Rep1__peak_14468	40 chr19
chr19	10691880	10692380 H2AZ_Rep1__peak_14469	52 chr19
chr19	10704198	10705335 H2AZ_Rep1__peak_14470	21 chr19
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chr19	23577620	23578835	H2AZ_Rep1__peak_14780	64	chr19
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chr19	24269913	24270373	H2AZ_Rep1__peak_14783	53	chr19
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chr19	45242212	45242549 H2AZ_Rep1__peak_15086	24 chr19
chr19	45268557	45268885 H2AZ_Rep1__peak_15087	34 chr19
chr19	45279794	45280203 H2AZ_Rep1__peak_15089	45 chr19
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chr19	45347709	45350269 H2AZ_Rep1__peak_15091	52 chr19
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chr3	121468046	121469517	H2AZ_Rep1__peak_20346	70	chr3
chr3	121553201	121554721	H2AZ_Rep1__peak_20347	90	chr3
chr3	121714077	121714525	H2AZ_Rep1__peak_20348	76	chr3
chr3	122024746	122025207	H2AZ_Rep1__peak_20350	35	chr3
chr3	122101466	122103671	H2AZ_Rep1__peak_20351	85	chr3
chr3	122134290	122135655	H2AZ_Rep1__peak_20352	40	chr3
chr3	122233481	122234859	H2AZ_Rep1__peak_20353	74	chr3
chr3	122282570	122283787	H2AZ_Rep1__peak_20354	74	chr3
chr3	122317256	122317644	H2AZ_Rep1__peak_20355	23	chr3
chr3	122328598	122329109	H2AZ_Rep1__peak_20356	51	chr3
chr3	122388050	122388785	H2AZ_Rep1__peak_20357	51	chr3



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chr3	122512350	122514559	H2AZ_Rep1__peak_20359	40	chr3
chr3	122612229	122613516	H2AZ_Rep1__peak_20360	36	chr3
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chr3	122785163	122787187	H2AZ_Rep1__peak_20364	87	chr3
chr3	122919696	122921740	H2AZ_Rep1__peak_20365	177	chr3
chr3	123303094	123305564	H2AZ_Rep1__peak_20367	97	chr3
chr3	123371524	123372824	H2AZ_Rep1__peak_20368	14	chr3
chr3	123407140	123407781	H2AZ_Rep1__peak_20369	27	chr3
chr3	123442207	123443474	H2AZ_Rep1__peak_20370	64	chr3
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chr3	123966891	123968196	H2AZ_Rep1__peak_20373	56	chr3
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chr3	124338943	124340122	H2AZ_Rep1__peak_20376	40	chr3
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chr3	124605296	124606926	H2AZ_Rep1__peak_20379	57	chr3
chr3	124619870	124620688	H2AZ_Rep1__peak_20380	37	chr3
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chr3	124834490	124836961	H2AZ_Rep1__peak_20383	77	chr3
chr3	124844528	124846217	H2AZ_Rep1__peak_20384	22	chr3
chr3	124847466	124850131	H2AZ_Rep1__peak_20385	33	chr3
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chr3	124863186	124863597	H2AZ_Rep1__peak_20387	21	chr3
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chr3	124883938	124884314	H2AZ_Rep1__peak_20389	22	chr3
chr3	125093278	125094885	H2AZ_Rep1__peak_20390	56	chr3
chr3	125152249	125153100	H2AZ_Rep1__peak_20391	16	chr3
chr3	125159401	125159994	H2AZ_Rep1__peak_20392	51	chr3
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chr3	125321614	125322061	H2AZ_Rep1__peak_20395	33	chr3
chr3	125351578	125353656	H2AZ_Rep1__peak_20396	34	chr3
chr3	125485328	125485635	H2AZ_Rep1__peak_20397	51	chr3
chr3	125635702	125636116	H2AZ_Rep1__peak_20398	66	chr3
chr3	125775593	125776950	H2AZ_Rep1__peak_20399	79	chr3
chr3	125800508	125801089	H2AZ_Rep1__peak_20400	61	chr3
chr3	125802293	125803976	H2AZ_Rep1__peak_20401	28	chr3
chr3	125917008	125917780	H2AZ_Rep1__peak_20402	59	chr3
chr3	125926255	125927992	H2AZ_Rep1__peak_20403	36	chr3
chr3	125979477	125980482	H2AZ_Rep1__peak_20404	50	chr3

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chr3	125989002	125990009	H2AZ_Rep1__peak_20406	17	chr3
chr3	126074545	126076853	H2AZ_Rep1__peak_20408	37	chr3
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chr3	126108303	126108824	H2AZ_Rep1__peak_20409	67	chr3
chr3	126195033	126195627	H2AZ_Rep1__peak_20410	93	chr3
chr3	126227251	126227675	H2AZ_Rep1__peak_20411	21	chr3
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chr3	126630120	126630952	H2AZ_Rep1__peak_20417	30	chr3
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chr3	127266169	127267382	H2AZ_Rep1__peak_20421	84	chr3
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chr3	127308263	127311220	H2AZ_Rep1__peak_20423	51	chr3
chr3	127316760	127317585	H2AZ_Rep1__peak_20424	29	chr3
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chr3	127391354	127392494	H2AZ_Rep1__peak_20426	24	chr3
chr3	127394474	127395536	H2AZ_Rep1__peak_20427	64	chr3
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chr3	127414985	127416794	H2AZ_Rep1__peak_20429	42	chr3
chr3	127457075	127457551	H2AZ_Rep1__peak_20430	44	chr3
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chr3	127487393	127487858	H2AZ_Rep1__peak_20432	27	chr3
chr3	127541044	127542695	H2AZ_Rep1__peak_20433	95	chr3
chr3	127770244	127771608	H2AZ_Rep1__peak_20434	151	chr3
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chr3	128142566	128145556	H2AZ_Rep1__peak_20439	39	chr3
chr3	128206135	128208806	H2AZ_Rep1__peak_20440	18	chr3
chr3	128255861	128256442	H2AZ_Rep1__peak_20441	23	chr3
chr3	128265920	128268676	H2AZ_Rep1__peak_20442	46	chr3
chr3	128272354	128273020	H2AZ_Rep1__peak_20443	15	chr3
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chr3	128303308	128304324	H2AZ_Rep1__peak_20445	38	chr3
chr3	128327130	128327485	H2AZ_Rep1__peak_20446	22	chr3
chr3	128368932	128370488	H2AZ_Rep1__peak_20447	63	chr3
chr3	128399301	128400468	H2AZ_Rep1__peak_20448	126	chr3

chr3	128443494	128445261	H2AZ_Rep1__peak_20449	97	chr3
chr3	128568641	128569563	H2AZ_Rep1__peak_20450	44	chr3
chr3	128597548	128599093	H2AZ_Rep1__peak_20451	82	chr3
chr3	128745556	128745925	H2AZ_Rep1__peak_20452	51	chr3
chr3	128772438	128772900	H2AZ_Rep1__peak_20453	65	chr3
chr3	128839012	128841951	H2AZ_Rep1__peak_20454	54	chr3
chr3	128879203	128880963	H2AZ_Rep1__peak_20455	76	chr3
chr3	128902506	128903320	H2AZ_Rep1__peak_20456	34	chr3
chr3	128914396	128915312	H2AZ_Rep1__peak_20457	120	chr3
chr3	128930240	128930710	H2AZ_Rep1__peak_20458	24	chr3
chr3	128945217	128950753	H2AZ_Rep1__peak_20459	55	chr3
chr3	128957401	128959711	H2AZ_Rep1__peak_20460	22	chr3
chr3	128967771	128968960	H2AZ_Rep1__peak_20461	134	chr3
chr3	128997072	128998888	H2AZ_Rep1__peak_20462	62	chr3
chr3	129035160	129035927	H2AZ_Rep1__peak_20463	89	chr3
chr3	129117866	129119138	H2AZ_Rep1__peak_20464	77	chr3
chr3	129132165	129133319	H2AZ_Rep1__peak_20465	62	chr3
chr3	129158352	129159550	H2AZ_Rep1__peak_20466	83	chr3
chr3	129305627	129306902	H2AZ_Rep1__peak_20467	56	chr3
chr3	129324476	129326165	H2AZ_Rep1__peak_20468	41	chr3
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chr3	129343512	129346287	H2AZ_Rep1__peak_20470	73	chr3
chr3	129513364	129513915	H2AZ_Rep1__peak_20471	52	chr3
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chr3	129653029	129653377	H2AZ_Rep1__peak_20473	41	chr3
chr3	129829612	129831356	H2AZ_Rep1__peak_20474	28	chr3
chr3	130465022	130467564	H2AZ_Rep1__peak_20475	36	chr3
chr3	130611973	130613832	H2AZ_Rep1__peak_20476	80	chr3
chr3	130745044	130746295	H2AZ_Rep1__peak_20477	200	chr3
chr3	130935913	130936565	H2AZ_Rep1__peak_20479	35	chr3
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chr3	131099910	131101254	H2AZ_Rep1__peak_20481	58	chr3
chr3	131221083	131222636	H2AZ_Rep1__peak_20482	127	chr3
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chr3	132204349	132205798	H2AZ_Rep1__peak_20486	20	chr3
chr3	132377795	132380054	H2AZ_Rep1__peak_20487	184	chr3
chr3	132440459	132442845	H2AZ_Rep1__peak_20488	44	chr3
chr3	133179691	133180036	H2AZ_Rep1__peak_20489	29	chr3
chr3	133254778	133255689	H2AZ_Rep1__peak_20490	39	chr3
chr3	133259608	133260513	H2AZ_Rep1__peak_20491	83	chr3
chr3	133291596	133292146	H2AZ_Rep1__peak_20492	40	chr3
chr3	133380273	133381549	H2AZ_Rep1__peak_20493	71	chr3

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chr3	133710366	133710688	H2AZ_Rep1__peak_20496	11	chr3
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chr3	133810915	133812598	H2AZ_Rep1__peak_20500	37	chr3
chr3	133969706	133970126	H2AZ_Rep1__peak_20501	86	chr3
chr3	134009938	134010579	H2AZ_Rep1__peak_20502	41	chr3
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chr3	135789718	135790740	H2AZ_Rep1__peak_20517	35	chr3
chr3	135914409	135916626	H2AZ_Rep1__peak_20518	63	chr3
chr3	135968574	135970049	H2AZ_Rep1__peak_20519	132	chr3
chr3	136470347	136473010	H2AZ_Rep1__peak_20520	69	chr3
chr3	136502655	136506543	H2AZ_Rep1__peak_20521	39	chr3
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chr3	136713632	136714323	H2AZ_Rep1__peak_20525	24	chr3
chr3	136732333	136733679	H2AZ_Rep1__peak_20526	33	chr3
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chr3	137833124	137835199	H2AZ_Rep1__peak_20528	93	chr3
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chr3	138135278	138136037	H2AZ_Rep1__peak_20536	14	chr3
chr3	138153015	138153952	H2AZ_Rep1__peak_20537	48	chr3
chr3	138312509	138313781	H2AZ_Rep1__peak_20538	158	chr3

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chr3	138580820	138582960	H2AZ_Rep1__peak_20541	96	chr3
chr3	138633525	138635928	H2AZ_Rep1__peak_20542	143	chr3
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chr3	138921074	138921451	H2AZ_Rep1__peak_20548	36	chr3
chr3	139007282	139007747	H2AZ_Rep1__peak_20549	29	chr3
chr3	139011840	139012217	H2AZ_Rep1__peak_20550	39	chr3
chr3	139016382	139016728	H2AZ_Rep1__peak_20551	31	chr3
chr3	139018164	139019309	H2AZ_Rep1__peak_20552	36	chr3
chr3	139020836	139021993	H2AZ_Rep1__peak_20553	77	chr3
chr3	139028178	139032884	H2AZ_Rep1__peak_20554	37	chr3
chr3	139047943	139048432	H2AZ_Rep1__peak_20555	51	chr3
chr3	139061379	139063553	H2AZ_Rep1__peak_20556	113	chr3
chr3	139107937	139109489	H2AZ_Rep1__peak_20557	90	chr3
chr3	139153391	139154160	H2AZ_Rep1__peak_20558	18	chr3
chr3	139252955	139254655	H2AZ_Rep1__peak_20559	28	chr3
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chr3	141399475	141400001	H2AZ_Rep1__peak_20577	52	chr3
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chr3	141594207	141596254	H2AZ_Rep1__peak_20582	57	chr3
chr3	141658706	141659901	H2AZ_Rep1__peak_20583	57	chr3
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chr3	142001444	142001915	H2AZ_Rep1__peak_20588	12	chr3
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chr3	142297135	142298377	H2AZ_Rep1__peak_20590	79	chr3
chr3	142314569	142316251	H2AZ_Rep1__peak_20591	161	chr3
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chr3	142582032	142582732	H2AZ_Rep1__peak_20593	33	chr3
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chr3	142715253	142721290	H2AZ_Rep1__peak_20595	43	chr3
chr3	142858275	142859692	H2AZ_Rep1__peak_20596	81	chr3
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chr3	143161535	143164268	H2AZ_Rep1__peak_20599	56	chr3
chr3	143203791	143204182	H2AZ_Rep1__peak_20601	35	chr3
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chr3	145607483	145608035	H2AZ_Rep1__peak_20604	27	chr3
chr3	145610548	145610880	H2AZ_Rep1__peak_20605	31	chr3
chr3	145616311	145617246	H2AZ_Rep1__peak_20606	20	chr3
chr3	145877655	145879498	H2AZ_Rep1__peak_20607	121	chr3
chr3	145884534	145885514	H2AZ_Rep1__peak_20608	16	chr3
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chr3	145967854	145969399	H2AZ_Rep1__peak_20610	146	chr3
chr3	146026352	146027730	H2AZ_Rep1__peak_20611	23	chr3
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chr3	146186882	146188748	H2AZ_Rep1__peak_20614	54	chr3
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chr3	146261954	146263202	H2AZ_Rep1__peak_20617	25	chr3
chr3	146299821	146301267	H2AZ_Rep1__peak_20620	14	chr3
chr3	146342499	146343370	H2AZ_Rep1__peak_20622	41	chr3
chr3	146684998	146685907	H2AZ_Rep1__peak_20626	17	chr3
chr3	147290256	147291164	H2AZ_Rep1__peak_20629	28	chr3
chr3	147534741	147535115	H2AZ_Rep1__peak_20630	27	chr3
chr3	147663630	147664754	H2AZ_Rep1__peak_20631	67	chr3
chr3	147819027	147819521	H2AZ_Rep1__peak_20632	34	chr3
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chr3	148897256	148898548	H2AZ_Rep1__peak_20644	84	chr3
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chr3	148966147	148966700	H2AZ_Rep1__peak_20647	14	chr3
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chr3	155461566	155462622	H2AZ_Rep1__peak_20732	79	chr3
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chr3	179244652	179245329	H2AZ_Rep1__peak_20972	66	chr3
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chr3	196064610	196066998	H2AZ_Rep1__peak_21261	83	chr3
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chr3	196229686	196231522	H2AZ_Rep1__peak_21263	42	chr3
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chr3	196294857	196296468	H2AZ_Rep1__peak_21266	74	chr3
chr3	196336792	196337112	H2AZ_Rep1__peak_21267	12	chr3
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chr6	17907684	17908583	H2AZ_Rep1__peak_24570	31	chr6
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chr6	37027182	37028080 H2AZ_Rep1__peak_24858	57 chr6
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chr6	39170909	39172203 H2AZ_Rep1__peak_24888	29 chr6
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chr6	58287197	58287607 H2AZ_Rep1__peak_25178	39 chr6
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chr6	67600879	67601325 H2AZ_Rep1__peak_25195	44 chr6
chr6	67702649	67703562 H2AZ_Rep1__peak_25196	23 chr6
chr6	68070896	68071860 H2AZ_Rep1__peak_25197	64 chr6
chr6	68750199	68750649 H2AZ_Rep1__peak_25198	29 chr6
chr6	70506298	70507441 H2AZ_Rep1__peak_25199	72 chr6
chr6	71108581	71109528 H2AZ_Rep1__peak_25201	30 chr6
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chr6	71276019	71277284 H2AZ_Rep1__peak_25203	109 chr6
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chr6	71959700	71960113 H2AZ_Rep1__peak_25207	16 chr6



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chr6	74098180	74099327 H2AZ_Rep1__peak_25214	100 chr6
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chr6	74287561	74290517 H2AZ_Rep1__peak_25219	47 chr6
chr6	74294725	74296482 H2AZ_Rep1__peak_25220	42 chr6
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chr6	75993691	75995331 H2AZ_Rep1__peak_25237	98 chr6
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chr6	77338752	77339333 H2AZ_Rep1__peak_25243	39 chr6
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chr6	150038556	150040024	H2AZ_Rep1__peak_25877	59 chr6
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chr6	150070867	150071435	H2AZ_Rep1__peak_25879	40 chr6
chr6	150184259	150185008	H2AZ_Rep1__peak_25880	16 chr6
chr6	150218521	150219705	H2AZ_Rep1__peak_25881	53 chr6
chr6	150243740	150244416	H2AZ_Rep1__peak_25882	26 chr6
chr6	150247095	150247777	H2AZ_Rep1__peak_25883	24 chr6
chr6	150259638	150260131	H2AZ_Rep1__peak_25884	30 chr6
chr6	150284018	150285544	H2AZ_Rep1__peak_25885	76 chr6
chr6	150325996	150327270	H2AZ_Rep1__peak_25886	68 chr6
chr6	150389543	150390166	H2AZ_Rep1__peak_25887	58 chr6
chr6	150618111	150618534	H2AZ_Rep1__peak_25889	39 chr6
chr6	151177878	151179509	H2AZ_Rep1__peak_25890	40 chr6
chr6	151186278	151186787	H2AZ_Rep1__peak_25891	47 chr6
chr6	151325542	151325906	H2AZ_Rep1__peak_25892	57 chr6
chr6	151607449	151607763	H2AZ_Rep1__peak_25893	26 chr6
chr6	151645080	151647268	H2AZ_Rep1__peak_25894	48 chr6
chr6	151772675	151774365	H2AZ_Rep1__peak_25895	28 chr6
chr6	151990292	151990720	H2AZ_Rep1__peak_25896	21 chr6
chr6	152221733	152222831	H2AZ_Rep1__peak_25897	41 chr6
chr6	152594780	152595080	H2AZ_Rep1__peak_25898	31 chr6
chr6	152622606	152623184	H2AZ_Rep1__peak_25899	41 chr6
chr6	152723099	152724095	H2AZ_Rep1__peak_25900	18 chr6
chr6	152893453	152894013	H2AZ_Rep1__peak_25901	17 chr6
chr6	152915419	152917108	H2AZ_Rep1__peak_25902	20 chr6
chr6	153219014	153219314	H2AZ_Rep1__peak_25903	22 chr6
chr6	153269301	153269918	H2AZ_Rep1__peak_25904	40 chr6

chr6	153303257	153305395	H2AZ_Rep1__peak_25905	41	chr6
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chr6	154613734	154614599	H2AZ_Rep1__peak_25907	40	chr6
chr6	154830761	154832140	H2AZ_Rep1__peak_25908	53	chr6
chr6	154934299	154934708	H2AZ_Rep1__peak_25910	26	chr6
chr6	155053030	155055129	H2AZ_Rep1__peak_25911	52	chr6
chr6	155506694	155507315	H2AZ_Rep1__peak_25912	54	chr6
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chr6	157007223	157009458	H2AZ_Rep1__peak_25919	35	chr6
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chr6	157097803	157098703	H2AZ_Rep1__peak_25921	41	chr6
chr6	157342407	157343139	H2AZ_Rep1__peak_25922	16	chr6
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chr6	157637837	157639372	H2AZ_Rep1__peak_25924	58	chr6
chr6	157695150	157696628	H2AZ_Rep1__peak_25925	77	chr6
chr6	157743938	157745225	H2AZ_Rep1__peak_25926	69	chr6
chr6	157800600	157802466	H2AZ_Rep1__peak_25927	47	chr6
chr6	157956653	157957640	H2AZ_Rep1__peak_25928	63	chr6
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chr6	158088720	158091214	H2AZ_Rep1__peak_25930	25	chr6
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chr6	158939233	158939766	H2AZ_Rep1__peak_25940	57	chr6
chr6	158980505	158982025	H2AZ_Rep1__peak_25941	59	chr6
chr6	159065381	159066198	H2AZ_Rep1__peak_25942	54	chr6
chr6	159075467	159076920	H2AZ_Rep1__peak_25943	39	chr6
chr6	159125311	159126012	H2AZ_Rep1__peak_25944	51	chr6
chr6	159158621	159159335	H2AZ_Rep1__peak_25945	58	chr6
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chr6	159255977	159257184	H2AZ_Rep1__peak_25947	71	chr6
chr6	159270568	159270879	H2AZ_Rep1__peak_25948	30	chr6
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chr6	159279331	159279726	H2AZ_Rep1__peak_25950	35	chr6
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chr6	160210463	160211913	H2AZ_Rep1__peak_25957	20 chr6
chr6	160389505	160390828	H2AZ_Rep1__peak_25958	66 chr6
chr6	160659999	160660825	H2AZ_Rep1__peak_25959	37 chr6
chr6	160721182	160722060	H2AZ_Rep1__peak_25960	83 chr6
chr6	160768607	160770522	H2AZ_Rep1__peak_25961	54 chr6
chr6	161412061	161413826	H2AZ_Rep1__peak_25962	38 chr6
chr6	161694346	161695849	H2AZ_Rep1__peak_25963	76 chr6
chr6	162344040	162344340	H2AZ_Rep1__peak_25964	25 chr6
chr6	163148486	163149380	H2AZ_Rep1__peak_25965	21 chr6
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chr6	163834068	163835088	H2AZ_Rep1__peak_25967	35 chr6
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chr6	168436157	168437050	H2AZ_Rep1__peak_25982	94 chr6
chr6	169040741	169042500	H2AZ_Rep1__peak_25983	30 chr6
chr6	169295395	169295775	H2AZ_Rep1__peak_25984	31 chr6
chr6	169740223	169740714	H2AZ_Rep1__peak_25985	68 chr6
chr6	169852221	169853257	H2AZ_Rep1__peak_25986	105 chr6
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chr6	170151282	170152541	H2AZ_Rep1__peak_25989	45 chr6
chr6	170189673	170190888	H2AZ_Rep1__peak_25990	50 chr6
chr6	170467900	170468254	H2AZ_Rep1__peak_25991	24 chr6
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chr6	170747256	170747657	H2AZ_Rep1__peak_25993	54 chr6
chr6	170862026	170863810	H2AZ_Rep1__peak_25994	79 chr6

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chr7	557568	558846	H2AZ_Rep1__peak_26001	34 chr7
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chr7	765743	766826	H2AZ_Rep1__peak_26005	37 chr7
chr7	852346	853440	H2AZ_Rep1__peak_26006	85 chr7
chr7	856783	857121	H2AZ_Rep1__peak_26007	17 chr7
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chr7	1222533	1223322	H2AZ_Rep1__peak_26020	44 chr7
chr7	1237747	1238197	H2AZ_Rep1__peak_26021	42 chr7
chr7	1452284	1453108	H2AZ_Rep1__peak_26022	35 chr7
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chr7	1559947	1560880	H2AZ_Rep1__peak_26026	22 chr7
chr7	1595269	1596057	H2AZ_Rep1__peak_26027	28 chr7
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chr7	1619428	1620051	H2AZ_Rep1__peak_26029	15 chr7
chr7	1780993	1783240	H2AZ_Rep1__peak_26030	68 chr7
chr7	2271876	2273188	H2AZ_Rep1__peak_26031	49 chr7
chr7	2281573	2282545	H2AZ_Rep1__peak_26032	53 chr7
chr7	2353376	2354760	H2AZ_Rep1__peak_26033	41 chr7
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chr7	2490837	2492097	H2AZ_Rep1__peak_26037	170 chr7
chr7	2498429	2499309	H2AZ_Rep1__peak_26038	21 chr7



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chr7	2517351	2518548 H2AZ_Rep1__peak_26040	33 chr7
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chr7	5592310	5597808 H2AZ_Rep1__peak_26076	39 chr7
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chr7	6745665	6747167 H2AZ_Rep1__peak_26103	114 chr7
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chr7	12811018	12811625 H2AZ_Rep1__peak_26149	93 chr7
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chr9	15295791	15296706 H2AZ_Rep1__peak_29050	46 chr9
chr9	15306581	15307900 H2AZ_Rep1__peak_29051	58 chr9
chr9	15400462	15402145 H2AZ_Rep1__peak_29053	28 chr9
chr9	15422077	15423691 H2AZ_Rep1__peak_29054	113 chr9
chr9	15510412	15511792 H2AZ_Rep1__peak_29055	113 chr9
chr9	15551960	15553782 H2AZ_Rep1__peak_29056	116 chr9
chr9	16030677	16031215 H2AZ_Rep1__peak_29057	59 chr9
chr9	16043702	16045518 H2AZ_Rep1__peak_29058	64 chr9

chr9	16058341	16059135 H2AZ_Rep1__peak_29059	14 chr9
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chr9	16119366	16122033 H2AZ_Rep1__peak_29061	37 chr9
chr9	16139136	16140159 H2AZ_Rep1__peak_29062	13 chr9
chr9	16180686	16180986 H2AZ_Rep1__peak_29063	43 chr9
chr9	16191859	16192435 H2AZ_Rep1__peak_29064	46 chr9
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chr9	17577964	17579876 H2AZ_Rep1__peak_29081	65 chr9
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chr9	18437638	18438262 H2AZ_Rep1__peak_29086	48 chr9
chr9	18649972	18650420 H2AZ_Rep1__peak_29087	17 chr9
chr9	18821998	18822585 H2AZ_Rep1__peak_29088	33 chr9
chr9	19047963	19050180 H2AZ_Rep1__peak_29089	115 chr9
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chr9	19154111	19155734 H2AZ_Rep1__peak_29092	43 chr9
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chr9	136856116	136858880	H2AZ_Rep1__peak_30287	77	chr9
chr9	136889726	136891168	H2AZ_Rep1__peak_30288	71	chr9
chr9	136932334	136934521	H2AZ_Rep1__peak_30289	55	chr9
chr9	136987944	136989277	H2AZ_Rep1__peak_30291	57	chr9
chr9	136994987	136996978	H2AZ_Rep1__peak_30292	129	chr9
chr9	136999873	137001925	H2AZ_Rep1__peak_30293	128	chr9
chr9	137028278	137030963	H2AZ_Rep1__peak_30294	144	chr9
chr9	137109848	137111283	H2AZ_Rep1__peak_30295	18	chr9
chr9	137216437	137219164	H2AZ_Rep1__peak_30297	138	chr9
chr9	137257947	137258894	H2AZ_Rep1__peak_30298	65	chr9
chr9	137269717	137270387	H2AZ_Rep1__peak_30299	19	chr9
chr9	137271674	137272051	H2AZ_Rep1__peak_30300	30	chr9
chr9	137345469	137351833	H2AZ_Rep1__peak_30301	103	chr9
chr9	137355038	137355809	H2AZ_Rep1__peak_30302	16	chr9
chr9	137367142	137367683	H2AZ_Rep1__peak_30303	38	chr9
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chr9	137442690	137444698	H2AZ_Rep1__peak_30305	41	chr9
chr9	137482819	137485003	H2AZ_Rep1__peak_30306	43	chr9
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chr9	137786943	137789145	H2AZ_Rep1__peak_30311	85	chr9
chr9	137915134	137915478	H2AZ_Rep1__peak_30312	16	chr9
chr9	137966757	137967734	H2AZ_Rep1__peak_30313	26	chr9
chr9	138018025	138019202	H2AZ_Rep1__peak_30314	154	chr9
chr9	138022365	138022822	H2AZ_Rep1__peak_30315	65	chr9
chr9	138025668	138026891	H2AZ_Rep1__peak_30316	88	chr9
chr9	138029059	138029459	H2AZ_Rep1__peak_30317	34	chr9
chr9	138036171	138036856	H2AZ_Rep1__peak_30318	56	chr9
chr9	138044099	138045299	H2AZ_Rep1__peak_30319	50	chr9
chr9	138304568	138304987	H2AZ_Rep1__peak_30320	27	chr9
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chr9	138391145	138393207	H2AZ_Rep1__peak_30324	132	chr9
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chr9	138818329	138819347	H2AZ_Rep1__peak_30329	42	chr9
chr9	138843864	138844192	H2AZ_Rep1__peak_30330	18	chr9
chr9	138852368	138854039	H2AZ_Rep1__peak_30331	82	chr9
chr9	138884252	138885254	H2AZ_Rep1__peak_30332	110	chr9
chr9	138971147	138971739	H2AZ_Rep1__peak_30333	31	chr9
chr9	138985420	138988216	H2AZ_Rep1__peak_30334	53	chr9
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chr9	139838447	139839718	H2AZ_Rep1__peak_30372	43	chr9
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chr9	140134512	140135201	H2AZ_Rep1__peak_30396	50	chr9
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chr9	140335868	140336175	H2AZ_Rep1__peak_30404	24	chr9
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chr9	140429058	140429834	H2AZ_Rep1__peak_30410	71	chr9
chr9	140444548	140446898	H2AZ_Rep1__peak_30411	43	chr9
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chrX	7290397	7292540	H2AZ_Rep1__peak_30437	33	chrX
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chrX	20008290	20010028	H2AZ_Rep1__peak_30564	153 chrX
chrX	20043710	20044432	H2AZ_Rep1__peak_30565	12 chrX
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chrX	20159431	20160573	H2AZ_Rep1__peak_30567	20 chrX
chrX	20283270	20286907	H2AZ_Rep1__peak_30568	69 chrX
chrX	20325031	20325689	H2AZ_Rep1__peak_30569	15 chrX
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chrX	20406873	20407173	H2AZ_Rep1__peak_30572	18 chrX
chrX	21788609	21789796	H2AZ_Rep1__peak_30576	141 chrX
chrX	21856972	21858633	H2AZ_Rep1__peak_30578	80 chrX
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chrX	22153102	22155017	H2AZ_Rep1__peak_30581	39 chrX
chrX	22210542	22211056	H2AZ_Rep1__peak_30582	76 chrX
chrX	22407739	22408514	H2AZ_Rep1__peak_30583	19 chrX
chrX	23684842	23686478	H2AZ_Rep1__peak_30585	77 chrX
chrX	23761025	23761895	H2AZ_Rep1__peak_30586	22 chrX
chrX	23797065	23797566	H2AZ_Rep1__peak_30587	21 chrX
chrX	23799091	23802034	H2AZ_Rep1__peak_30588	36 chrX
chrX	23815486	23815891	H2AZ_Rep1__peak_30589	33 chrX
chrX	23821842	23822890	H2AZ_Rep1__peak_30590	25 chrX
chrX	23825196	23826188	H2AZ_Rep1__peak_30591	35 chrX
chrX	23901832	23902346	H2AZ_Rep1__peak_30592	24 chrX
chrX	23924744	23926736	H2AZ_Rep1__peak_30593	52 chrX
chrX	24042679	24044415	H2AZ_Rep1__peak_30594	59 chrX
chrX	24071975	24073399	H2AZ_Rep1__peak_30595	98 chrX
chrX	24102654	24103667	H2AZ_Rep1__peak_30596	33 chrX
chrX	24118087	24118472	H2AZ_Rep1__peak_30597	25 chrX
chrX	24123572	24123945	H2AZ_Rep1__peak_30598	33 chrX
chrX	24135292	24135779	H2AZ_Rep1__peak_30599	41 chrX

chrX	24141986	24143352 H2AZ_Rep1__peak_30600	35 chrX
chrX	24151450	24152037 H2AZ_Rep1__peak_30601	40 chrX
chrX	24168601	24168910 H2AZ_Rep1__peak_30602	29 chrX
chrX	24262246	24263802 H2AZ_Rep1__peak_30604	22 chrX
chrX	24316318	24316656 H2AZ_Rep1__peak_30606	19 chrX
chrX	24444506	24445047 H2AZ_Rep1__peak_30609	47 chrX
chrX	24482607	24483940 H2AZ_Rep1__peak_30610	89 chrX
chrX	24512323	24512888 H2AZ_Rep1__peak_30611	16 chrX
chrX	24710471	24712745 H2AZ_Rep1__peak_30614	53 chrX
chrX	26801895	26802372 H2AZ_Rep1__peak_30615	58 chrX
chrX	28524943	28526045 H2AZ_Rep1__peak_30616	19 chrX
chrX	29679611	29681609 H2AZ_Rep1__peak_30618	21 chrX
chrX	30670049	30672284 H2AZ_Rep1__peak_30620	128 chrX
chrX	30906553	30908197 H2AZ_Rep1__peak_30621	104 chrX
chrX	30911345	30911739 H2AZ_Rep1__peak_30622	20 chrX
chrX	30921940	30922859 H2AZ_Rep1__peak_30623	22 chrX
chrX	30954257	30954992 H2AZ_Rep1__peak_30624	61 chrX
chrX	31284475	31285340 H2AZ_Rep1__peak_30625	29 chrX
chrX	31374551	31374892 H2AZ_Rep1__peak_30628	34 chrX
chrX	31441740	31442703 H2AZ_Rep1__peak_30629	59 chrX
chrX	31563835	31564904 H2AZ_Rep1__peak_30630	38 chrX
chrX	32466353	32467560 H2AZ_Rep1__peak_30632	19 chrX
chrX	33743503	33744067 H2AZ_Rep1__peak_30634	38 chrX
chrX	34090475	34090908 H2AZ_Rep1__peak_30635	16 chrX
chrX	34674574	34676107 H2AZ_Rep1__peak_30636	44 chrX
chrX	34902939	34903252 H2AZ_Rep1__peak_30638	26 chrX
chrX	35184014	35184552 H2AZ_Rep1__peak_30639	39 chrX
chrX	35358552	35360519 H2AZ_Rep1__peak_30640	43 chrX
chrX	35399175	35399630 H2AZ_Rep1__peak_30641	33 chrX
chrX	35456526	35458322 H2AZ_Rep1__peak_30644	60 chrX
chrX	35459664	35463128 H2AZ_Rep1__peak_30645	18 chrX
chrX	35475000	35476390 H2AZ_Rep1__peak_30646	16 chrX
chrX	35514381	35517071 H2AZ_Rep1__peak_30648	44 chrX
chrX	35640310	35641020 H2AZ_Rep1__peak_30650	20 chrX
chrX	35908971	35909375 H2AZ_Rep1__peak_30652	28 chrX
chrX	36273588	36274136 H2AZ_Rep1__peak_30653	12 chrX
chrX	36518517	36520139 H2AZ_Rep1__peak_30654	97 chrX
chrX	36549252	36549912 H2AZ_Rep1__peak_30655	42 chrX
chrX	36915928	36916821 H2AZ_Rep1__peak_30656	13 chrX
chrX	37208067	37209725 H2AZ_Rep1__peak_30657	59 chrX
chrX	37431757	37433229 H2AZ_Rep1__peak_30658	28 chrX
chrX	37463163	37463595 H2AZ_Rep1__peak_30659	25 chrX
chrX	37503484	37504311 H2AZ_Rep1__peak_30660	32 chrX

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chrX	37742588	37742952	H2AZ_Rep1__peak_30663	28	chrX
chrX	37764008	37764427	H2AZ_Rep1__peak_30664	23	chrX
chrX	37771603	37772572	H2AZ_Rep1__peak_30665	14	chrX
chrX	37955234	37955725	H2AZ_Rep1__peak_30666	24	chrX
chrX	38091806	38093255	H2AZ_Rep1__peak_30667	13	chrX
chrX	38185575	38187573	H2AZ_Rep1__peak_30668	57	chrX
chrX	38660080	38660534	H2AZ_Rep1__peak_30669	134	chrX
chrX	38664027	38665162	H2AZ_Rep1__peak_30670	27	chrX
chrX	38675717	38677016	H2AZ_Rep1__peak_30671	87	chrX
chrX	38679346	38680849	H2AZ_Rep1__peak_30672	23	chrX
chrX	38727988	38728644	H2AZ_Rep1__peak_30673	40	chrX
chrX	38738932	38740283	H2AZ_Rep1__peak_30674	44	chrX
chrX	38870919	38872001	H2AZ_Rep1__peak_30675	47	chrX
chrX	39546645	39548507	H2AZ_Rep1__peak_30676	73	chrX
chrX	39595176	39596064	H2AZ_Rep1__peak_30678	44	chrX
chrX	39611900	39612785	H2AZ_Rep1__peak_30679	57	chrX
chrX	39614324	39615698	H2AZ_Rep1__peak_30680	57	chrX
chrX	39618711	39619559	H2AZ_Rep1__peak_30681	69	chrX
chrX	39672703	39673795	H2AZ_Rep1__peak_30682	80	chrX
chrX	39707100	39708392	H2AZ_Rep1__peak_30683	13	chrX
chrX	39714895	39715228	H2AZ_Rep1__peak_30684	16	chrX
chrX	39729267	39731017	H2AZ_Rep1__peak_30686	51	chrX
chrX	39732302	39732772	H2AZ_Rep1__peak_30687	21	chrX
chrX	39753914	39755051	H2AZ_Rep1__peak_30688	35	chrX
chrX	39767256	39768416	H2AZ_Rep1__peak_30689	73	chrX
chrX	39788036	39789828	H2AZ_Rep1__peak_30690	33	chrX
chrX	39812457	39815059	H2AZ_Rep1__peak_30691	34	chrX
chrX	39817382	39818143	H2AZ_Rep1__peak_30692	27	chrX
chrX	39828172	39829546	H2AZ_Rep1__peak_30693	47	chrX
chrX	39871115	39874451	H2AZ_Rep1__peak_30694	44	chrX
chrX	39957829	39958165	H2AZ_Rep1__peak_30695	37	chrX
chrX	39964054	39969275	H2AZ_Rep1__peak_30696	31	chrX
chrX	39989260	39992056	H2AZ_Rep1__peak_30697	30	chrX
chrX	40011879	40014612	H2AZ_Rep1__peak_30698	40	chrX
chrX	40034095	40036505	H2AZ_Rep1__peak_30699	47	chrX
chrX	40121850	40122285	H2AZ_Rep1__peak_30701	23	chrX
chrX	40125876	40126850	H2AZ_Rep1__peak_30702	96	chrX
chrX	40403239	40403685	H2AZ_Rep1__peak_30703	30	chrX
chrX	40439086	40440911	H2AZ_Rep1__peak_30704	82	chrX
chrX	40505925	40507424	H2AZ_Rep1__peak_30705	44	chrX
chrX	40594366	40595957	H2AZ_Rep1__peak_30706	43	chrX

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chrX	40638037	40638946 H2AZ_Rep1__peak_30708	23 chrX
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chrX	40726257	40727065 H2AZ_Rep1__peak_30710	13 chrX
chrX	40771514	40772228 H2AZ_Rep1__peak_30712	26 chrX
chrX	40791594	40793554 H2AZ_Rep1__peak_30713	84 chrX
chrX	40811618	40812281 H2AZ_Rep1__peak_30714	31 chrX
chrX	40855938	40857674 H2AZ_Rep1__peak_30716	96 chrX
chrX	40869169	40870219 H2AZ_Rep1__peak_30717	72 chrX
chrX	40884275	40885764 H2AZ_Rep1__peak_30718	36 chrX
chrX	40888721	40889120 H2AZ_Rep1__peak_30719	68 chrX
chrX	40943201	40945483 H2AZ_Rep1__peak_30720	34 chrX
chrX	41112560	41113490 H2AZ_Rep1__peak_30721	68 chrX
chrX	41134730	41136385 H2AZ_Rep1__peak_30722	131 chrX
chrX	41157763	41158132 H2AZ_Rep1__peak_30723	24 chrX
chrX	41159381	41162199 H2AZ_Rep1__peak_30724	48 chrX
chrX	41189357	41193434 H2AZ_Rep1__peak_30725	52 chrX
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chrX	41245658	41246005 H2AZ_Rep1__peak_30728	33 chrX
chrX	41271779	41272133 H2AZ_Rep1__peak_30729	40 chrX
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chrX	41308741	41309291 H2AZ_Rep1__peak_30731	49 chrX
chrX	41328126	41328476 H2AZ_Rep1__peak_30732	38 chrX
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chrX	42993091	42994534 H2AZ_Rep1__peak_30742	25 chrX
chrX	43416621	43417164 H2AZ_Rep1__peak_30744	124 chrX
chrX	43463335	43464892 H2AZ_Rep1__peak_30745	57 chrX
chrX	43513296	43514973 H2AZ_Rep1__peak_30747	84 chrX
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chrX	43740788	43742116 H2AZ_Rep1__peak_30750	34 chrX
chrX	43817512	43818155 H2AZ_Rep1__peak_30751	33 chrX
chrX	43829426	43830120 H2AZ_Rep1__peak_30752	31 chrX
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chrX	43884654	43885102 H2AZ_Rep1__peak_30754	20 chrX



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chrX	44037501	44039793	H2AZ_Rep1__peak_30759	18 chrX
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chrX	44164909	44166417	H2AZ_Rep1__peak_30761	60 chrX
chrX	44173449	44174068	H2AZ_Rep1__peak_30762	46 chrX
chrX	44178313	44179070	H2AZ_Rep1__peak_30763	30 chrX
chrX	44343404	44343788	H2AZ_Rep1__peak_30764	30 chrX
chrX	44401607	44402971	H2AZ_Rep1__peak_30765	81 chrX
chrX	44480361	44480717	H2AZ_Rep1__peak_30766	39 chrX
chrX	44565103	44565779	H2AZ_Rep1__peak_30767	23 chrX
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chrX	46122110	46122908	H2AZ_Rep1__peak_30784	17 chrX
chrX	46127315	46129268	H2AZ_Rep1__peak_30785	24 chrX
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chrX	46184662	46187152	H2AZ_Rep1__peak_30787	44 chrX
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chrX	46303354	46303780	H2AZ_Rep1__peak_30789	13 chrX
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chrX	46404265	46405445	H2AZ_Rep1__peak_30791	118 chrX
chrX	46432979	46433679	H2AZ_Rep1__peak_30792	28 chrX
chrX	46486801	46488456	H2AZ_Rep1__peak_30793	13 chrX
chrX	46521667	46522208	H2AZ_Rep1__peak_30794	50 chrX
chrX	46617275	46619334	H2AZ_Rep1__peak_30795	64 chrX
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chrX	46637312	46638089	H2AZ_Rep1__peak_30798	98 chrX
chrX	46651254	46653439	H2AZ_Rep1__peak_30799	39 chrX
chrX	46670497	46672103	H2AZ_Rep1__peak_30800	16 chrX
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chrX	46724525	46724894	H2AZ_Rep1__peak_30802	32 chrX
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chrX	46771152	46773628	H2AZ_Rep1__peak_30804	39 chrX
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chrX	47003578	47005001	H2AZ_Rep1__peak_30807	51 chrX
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chrX	47341597	47343415 H2AZ_Rep1__peak_30814	39 chrX
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chrX	47373107	47373449 H2AZ_Rep1__peak_30817	27 chrX
chrX	47377413	47377988 H2AZ_Rep1__peak_30818	39 chrX
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chrX	48379444	48381018 H2AZ_Rep1__peak_30842	112 chrX
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chrX	48397402	48398435 H2AZ_Rep1__peak_30844	56 chrX
chrX	48432189	48433193 H2AZ_Rep1__peak_30845	60 chrX
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chrX	48489685	48490470 H2AZ_Rep1__peak_30848	58 chrX
chrX	48494906	48495517 H2AZ_Rep1__peak_30849	46 chrX
chrX	48534067	48535675 H2AZ_Rep1__peak_30850	142 chrX
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chrX	48754611	48755922 H2AZ_Rep1__peak_30859	56 chrX
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chrX	48900000	48901932 H2AZ_Rep1__peak_30864	78 chrX
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chrX	48937124	48937982 H2AZ_Rep1__peak_30866	51 chrX
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chrX	53023863	53026564 H2AZ_Rep1__peak_30888	127 chrX
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chrX	53309362	53311712 H2AZ_Rep1__peak_30896	42 chrX

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chrX	53448877	53450416 H2AZ_Rep1__peak_30899	53 chrX
chrX	53460736	53461877 H2AZ_Rep1__peak_30900	111 chrX
chrX	53467345	53469399 H2AZ_Rep1__peak_30901	126 chrX
chrX	53710446	53714159 H2AZ_Rep1__peak_30902	67 chrX
chrX	53753214	53753938 H2AZ_Rep1__peak_30903	46 chrX
chrX	53858299	53858633 H2AZ_Rep1__peak_30904	33 chrX
chrX	54068998	54072190 H2AZ_Rep1__peak_30905	94 chrX
chrX	54075726	54076355 H2AZ_Rep1__peak_30906	23 chrX
chrX	54208780	54210498 H2AZ_Rep1__peak_30908	54 chrX
chrX	54466330	54467353 H2AZ_Rep1__peak_30909	90 chrX
chrX	54521167	54523231 H2AZ_Rep1__peak_30910	27 chrX
chrX	54555221	54557268 H2AZ_Rep1__peak_30911	108 chrX
chrX	54665264	54667570 H2AZ_Rep1__peak_30912	40 chrX
chrX	54834153	54836133 H2AZ_Rep1__peak_30913	143 chrX
chrX	55025884	55027215 H2AZ_Rep1__peak_30914	64 chrX
chrX	55186627	55188534 H2AZ_Rep1__peak_30915	134 chrX
chrX	55736314	55738036 H2AZ_Rep1__peak_30916	40 chrX
chrX	55740156	55740819 H2AZ_Rep1__peak_30917	54 chrX
chrX	55742647	55745366 H2AZ_Rep1__peak_30918	105 chrX
chrX	56529711	56532507 H2AZ_Rep1__peak_30919	61 chrX
chrX	56589154	56590894 H2AZ_Rep1__peak_30920	65 chrX
chrX	56754586	56756241 H2AZ_Rep1__peak_30921	54 chrX
chrX	57021291	57022378 H2AZ_Rep1__peak_30922	53 chrX
chrX	57147290	57148369 H2AZ_Rep1__peak_30923	93 chrX
chrX	57313086	57313851 H2AZ_Rep1__peak_30924	61 chrX
chrX	57609890	57610364 H2AZ_Rep1__peak_30925	32 chrX
chrX	57617324	57619135 H2AZ_Rep1__peak_30926	17 chrX
chrX	57848514	57848861 H2AZ_Rep1__peak_30927	20 chrX
chrX	57936149	57937789 H2AZ_Rep1__peak_30928	38 chrX
chrX	62570128	62571517 H2AZ_Rep1__peak_30929	66 chrX
chrX	62780245	62782564 H2AZ_Rep1__peak_30930	113 chrX
chrX	63424603	63427951 H2AZ_Rep1__peak_30931	85 chrX
chrX	64754033	64757702 H2AZ_Rep1__peak_30932	97 chrX
chrX	64808392	64808698 H2AZ_Rep1__peak_30933	20 chrX
chrX	64820463	64822301 H2AZ_Rep1__peak_30934	42 chrX
chrX	64827633	64829248 H2AZ_Rep1__peak_30935	13 chrX
chrX	64855134	64856454 H2AZ_Rep1__peak_30936	30 chrX
chrX	64862461	64863549 H2AZ_Rep1__peak_30937	39 chrX
chrX	64864990	64865362 H2AZ_Rep1__peak_30938	40 chrX
chrX	64886819	64888902 H2AZ_Rep1__peak_30939	30 chrX
chrX	67652687	67654322 H2AZ_Rep1__peak_30941	127 chrX

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chrX	67717833	67719329	H2AZ_Rep1__peak_30945	162	chrX
chrX	67791391	67792037	H2AZ_Rep1__peak_30946	24	chrX
chrX	67866891	67868235	H2AZ_Rep1__peak_30947	76	chrX
chrX	68042369	68042920	H2AZ_Rep1__peak_30948	25	chrX
chrX	68047677	68049559	H2AZ_Rep1__peak_30949	69	chrX
chrX	68165582	68166638	H2AZ_Rep1__peak_30950	17	chrX
chrX	68384789	68385774	H2AZ_Rep1__peak_30951	34	chrX
chrX	68505513	68506034	H2AZ_Rep1__peak_30952	26	chrX
chrX	68775913	68776906	H2AZ_Rep1__peak_30953	27	chrX
chrX	69351713	69354318	H2AZ_Rep1__peak_30954	142	chrX
chrX	69416881	69417280	H2AZ_Rep1__peak_30955	28	chrX
chrX	69509312	69510859	H2AZ_Rep1__peak_30956	132	chrX
chrX	69653102	69655052	H2AZ_Rep1__peak_30958	194	chrX
chrX	69671810	69676174	H2AZ_Rep1__peak_30959	87	chrX
chrX	69728258	69728587	H2AZ_Rep1__peak_30960	20	chrX
chrX	69773360	69774047	H2AZ_Rep1__peak_30961	12	chrX
chrX	69789782	69790933	H2AZ_Rep1__peak_30962	32	chrX
chrX	69811274	69812674	H2AZ_Rep1__peak_30963	50	chrX
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chrX	70292894	70293457	H2AZ_Rep1__peak_30966	38	chrX
chrX	70301414	70301827	H2AZ_Rep1__peak_30967	30	chrX
chrX	70314975	70316557	H2AZ_Rep1__peak_30968	148	chrX
chrX	70331421	70332591	H2AZ_Rep1__peak_30969	16	chrX
chrX	70337528	70339199	H2AZ_Rep1__peak_30970	87	chrX
chrX	70366017	70366521	H2AZ_Rep1__peak_30971	37	chrX
chrX	70401459	70402875	H2AZ_Rep1__peak_30973	75	chrX
chrX	70473559	70475544	H2AZ_Rep1__peak_30974	92	chrX
chrX	70502595	70503864	H2AZ_Rep1__peak_30975	80	chrX
chrX	70585260	70587145	H2AZ_Rep1__peak_30976	52	chrX
chrX	70751750	70753692	H2AZ_Rep1__peak_30977	95	chrX
chrX	70846601	70847048	H2AZ_Rep1__peak_30978	33	chrX
chrX	71029603	71030093	H2AZ_Rep1__peak_30979	32	chrX
chrX	71238015	71238923	H2AZ_Rep1__peak_30980	48	chrX
chrX	71248605	71249845	H2AZ_Rep1__peak_30981	28	chrX
chrX	71400182	71402132	H2AZ_Rep1__peak_30982	84	chrX
chrX	71458168	71459275	H2AZ_Rep1__peak_30983	35	chrX
chrX	71477723	71478191	H2AZ_Rep1__peak_30985	25	chrX
chrX	71496720	71498561	H2AZ_Rep1__peak_30986	39	chrX
chrX	71526641	71527291	H2AZ_Rep1__peak_30987	62	chrX
chrX	71792038	71793709	H2AZ_Rep1__peak_30988	107	chrX

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chrX	72782222	72783800	H2AZ_Rep1__peak_30991	193 chrX
chrX	73136368	73139229	H2AZ_Rep1__peak_30992	19 chrX
chrX	73157456	73157902	H2AZ_Rep1__peak_30993	56 chrX
chrX	73163307	73164663	H2AZ_Rep1__peak_30994	123 chrX
chrX	73337782	73340019	H2AZ_Rep1__peak_30995	42 chrX
chrX	73511699	73513814	H2AZ_Rep1__peak_30996	134 chrX
chrX	73640203	73640902	H2AZ_Rep1__peak_30998	17 chrX
chrX	73834120	73836127	H2AZ_Rep1__peak_30999	83 chrX
chrX	74375349	74376846	H2AZ_Rep1__peak_31000	166 chrX
chrX	74493229	74494955	H2AZ_Rep1__peak_31001	156 chrX
chrX	75365801	75368965	H2AZ_Rep1__peak_31002	93 chrX
chrX	75365801	75368965	H2AZ_Rep1__peak_31002	93 chrX
chrX	76705288	76706864	H2AZ_Rep1__peak_31003	16 chrX
chrX	76749587	76750032	H2AZ_Rep1__peak_31004	14 chrX
chrX	77041195	77044162	H2AZ_Rep1__peak_31005	82 chrX
chrX	77149784	77152087	H2AZ_Rep1__peak_31006	86 chrX
chrX	77154234	77155986	H2AZ_Rep1__peak_31007	61 chrX
chrX	77165517	77167883	H2AZ_Rep1__peak_31008	87 chrX
chrX	77279690	77280516	H2AZ_Rep1__peak_31010	69 chrX
chrX	77320516	77321313	H2AZ_Rep1__peak_31011	45 chrX
chrX	77347841	77348688	H2AZ_Rep1__peak_31012	44 chrX
chrX	77358756	77359999	H2AZ_Rep1__peak_31013	36 chrX
chrX	77394667	77396300	H2AZ_Rep1__peak_31014	176 chrX
chrX	79767575	79769353	H2AZ_Rep1__peak_31016	15 chrX
chrX	79806406	79806794	H2AZ_Rep1__peak_31017	26 chrX
chrX	79857177	79857888	H2AZ_Rep1__peak_31018	31 chrX
chrX	80063043	80066206	H2AZ_Rep1__peak_31019	47 chrX
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chrX	82071165	82071959	H2AZ_Rep1__peak_31024	12 chrX
chrX	82674265	82674592	H2AZ_Rep1__peak_31025	30 chrX
chrX	82890061	82890458	H2AZ_Rep1__peak_31026	93 chrX
chrX	83984860	83985256	H2AZ_Rep1__peak_31027	47 chrX
chrX	84257570	84259621	H2AZ_Rep1__peak_31029	72 chrX
chrX	85301528	85303711	H2AZ_Rep1__peak_31030	118 chrX
chrX	86983138	86983965	H2AZ_Rep1__peak_31032	42 chrX
chrX	87155269	87156560	H2AZ_Rep1__peak_31033	45 chrX
chrX	87681134	87681895	H2AZ_Rep1__peak_31034	25 chrX
chrX	90137599	90139577	H2AZ_Rep1__peak_31036	23 chrX
chrX	92716007	92716620	H2AZ_Rep1__peak_31044	17 chrX

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chrX	97828506	97829665	H2AZ_Rep1__peak_31048	28 chrX
chrX	99705075	99705797	H2AZ_Rep1__peak_31049	36 chrX
chrX	99891074	99891881	H2AZ_Rep1__peak_31051	72 chrX
chrX	99897543	99899426	H2AZ_Rep1__peak_31052	31 chrX
chrX	99897543	99899426	H2AZ_Rep1__peak_31052	31 chrX
chrX	99986241	99987502	H2AZ_Rep1__peak_31053	39 chrX
chrX	100000844	100002222	H2AZ_Rep1__peak_31054	31 chrX
chrX	100020838	100022051	H2AZ_Rep1__peak_31055	17 chrX
chrX	100067404	100067885	H2AZ_Rep1__peak_31056	52 chrX
chrX	100074614	100075932	H2AZ_Rep1__peak_31057	125 chrX
chrX	100119755	100120084	H2AZ_Rep1__peak_31058	22 chrX
chrX	100125821	100127218	H2AZ_Rep1__peak_31059	20 chrX
chrX	100183957	100184732	H2AZ_Rep1__peak_31061	45 chrX
chrX	100234713	100236470	H2AZ_Rep1__peak_31062	27 chrX
chrX	100306157	100307621	H2AZ_Rep1__peak_31063	71 chrX
chrX	100352351	100353661	H2AZ_Rep1__peak_31064	73 chrX
chrX	100603358	100604336	H2AZ_Rep1__peak_31065	55 chrX
chrX	100645315	100645972	H2AZ_Rep1__peak_31066	138 chrX
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chrX	100872153	100873827	H2AZ_Rep1__peak_31068	59 chrX
chrX	100878060	100878611	H2AZ_Rep1__peak_31069	49 chrX
chrX	101186305	101186680	H2AZ_Rep1__peak_31071	15 chrX
chrX	101853448	101855284	H2AZ_Rep1__peak_31072	103 chrX
chrX	102023437	102024499	H2AZ_Rep1__peak_31073	61 chrX
chrX	102509774	102510530	H2AZ_Rep1__peak_31074	30 chrX
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chrX	102630975	102631649	H2AZ_Rep1__peak_31076	53 chrX
chrX	102719320	102719732	H2AZ_Rep1__peak_31077	29 chrX
chrX	102788669	102789434	H2AZ_Rep1__peak_31078	35 chrX
chrX	102839441	102841127	H2AZ_Rep1__peak_31079	53 chrX
chrX	102883435	102885251	H2AZ_Rep1__peak_31080	90 chrX
chrX	102942058	102943031	H2AZ_Rep1__peak_31082	42 chrX
chrX	103400892	103402251	H2AZ_Rep1__peak_31084	82 chrX
chrX	103410307	103411732	H2AZ_Rep1__peak_31085	134 chrX
chrX	103562933	103563322	H2AZ_Rep1__peak_31086	22 chrX
chrX	103569803	103570305	H2AZ_Rep1__peak_31087	32 chrX
chrX	103574265	103575234	H2AZ_Rep1__peak_31088	13 chrX
chrX	104557939	104559116	H2AZ_Rep1__peak_31089	19 chrX
chrX	106045284	106046559	H2AZ_Rep1__peak_31090	58 chrX
chrX	106137709	106139737	H2AZ_Rep1__peak_31091	60 chrX
chrX	106161258	106161796	H2AZ_Rep1__peak_31092	33 chrX
chrX	106241985	106243917	H2AZ_Rep1__peak_31093	48 chrX

chrX	106361481	106362582	H2AZ_Rep1__peak_31094	42 chrX
chrX	106447534	106449693	H2AZ_Rep1__peak_31096	84 chrX
chrX	106871088	106872142	H2AZ_Rep1__peak_31097	25 chrX
chrX	106898195	106898934	H2AZ_Rep1__peak_31098	30 chrX
chrX	106919676	106920679	H2AZ_Rep1__peak_31099	42 chrX
chrX	106943690	106944340	H2AZ_Rep1__peak_31100	43 chrX
chrX	106961540	106961958	H2AZ_Rep1__peak_31101	26 chrX
chrX	106979658	106980217	H2AZ_Rep1__peak_31102	14 chrX
chrX	106985288	106985718	H2AZ_Rep1__peak_31103	23 chrX
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chrX	107279370	107280118	H2AZ_Rep1__peak_31106	30 chrX
chrX	107333966	107335699	H2AZ_Rep1__peak_31107	85 chrX
chrX	107680914	107682972	H2AZ_Rep1__peak_31108	15 chrX
chrX	108779203	108781481	H2AZ_Rep1__peak_31110	77 chrX
chrX	108975871	108977013	H2AZ_Rep1__peak_31111	24 chrX
chrX	109003074	109003939	H2AZ_Rep1__peak_31112	19 chrX
chrX	109065860	109066701	H2AZ_Rep1__peak_31114	46 chrX
chrX	109073660	109074673	H2AZ_Rep1__peak_31115	17 chrX
chrX	109083562	109084887	H2AZ_Rep1__peak_31116	26 chrX
chrX	109133882	109134448	H2AZ_Rep1__peak_31118	16 chrX
chrX	109245164	109247619	H2AZ_Rep1__peak_31119	62 chrX
chrX	109560451	109562149	H2AZ_Rep1__peak_31120	44 chrX
chrX	109584009	109585062	H2AZ_Rep1__peak_31121	46 chrX
chrX	109645327	109646091	H2AZ_Rep1__peak_31123	37 chrX
chrX	110924366	110925172	H2AZ_Rep1__peak_31124	38 chrX
chrX	113047983	113048621	H2AZ_Rep1__peak_31125	19 chrX
chrX	114579333	114580043	H2AZ_Rep1__peak_31126	45 chrX
chrX	114793843	114796935	H2AZ_Rep1__peak_31127	29 chrX
chrX	115004619	115005116	H2AZ_Rep1__peak_31128	30 chrX
chrX	115084577	115085920	H2AZ_Rep1__peak_31129	67 chrX
chrX	115361652	115362168	H2AZ_Rep1__peak_31130	18 chrX
chrX	115369314	115372025	H2AZ_Rep1__peak_31131	28 chrX
chrX	115369314	115372025	H2AZ_Rep1__peak_31131	28 chrX
chrX	115449528	115450136	H2AZ_Rep1__peak_31134	23 chrX
chrX	115593825	115594609	H2AZ_Rep1__peak_31135	16 chrX
chrX	115762458	115762819	H2AZ_Rep1__peak_31137	35 chrX
chrX	116096014	116096501	H2AZ_Rep1__peak_31138	18 chrX
chrX	117249226	117251709	H2AZ_Rep1__peak_31140	97 chrX
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chrX	117359589	117360100	H2AZ_Rep1__peak_31143	38 chrX
chrX	117479233	117481023	H2AZ_Rep1__peak_31144	43 chrX
chrX	117670383	117671252	H2AZ_Rep1__peak_31146	38 chrX



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chrX	117860681	117862254	H2AZ_Rep1__peak_31148	68 chrX
chrX	118108144	118110007	H2AZ_Rep1__peak_31149	58 chrX
chrX	118369706	118371540	H2AZ_Rep1__peak_31150	49 chrX
chrX	118532565	118534014	H2AZ_Rep1__peak_31151	109 chrX
chrX	118601697	118602157	H2AZ_Rep1__peak_31152	18 chrX
chrX	118636979	118637844	H2AZ_Rep1__peak_31153	24 chrX
chrX	118650289	118650655	H2AZ_Rep1__peak_31154	22 chrX
chrX	118707543	118708319	H2AZ_Rep1__peak_31156	50 chrX
chrX	118740145	118741140	H2AZ_Rep1__peak_31157	62 chrX
chrX	118825905	118827516	H2AZ_Rep1__peak_31158	47 chrX
chrX	118925438	118926822	H2AZ_Rep1__peak_31159	43 chrX
chrX	118986053	118987683	H2AZ_Rep1__peak_31160	32 chrX
chrX	119004696	119006422	H2AZ_Rep1__peak_31161	43 chrX
chrX	119019619	119020419	H2AZ_Rep1__peak_31162	14 chrX
chrX	119076724	119078454	H2AZ_Rep1__peak_31163	92 chrX
chrX	119378216	119379570	H2AZ_Rep1__peak_31164	113 chrX
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chrX	119693987	119695872	H2AZ_Rep1__peak_31168	39 chrX
chrX	119737290	119738342	H2AZ_Rep1__peak_31169	42 chrX
chrX	119763310	119764742	H2AZ_Rep1__peak_31170	49 chrX
chrX	122866265	122867508	H2AZ_Rep1__peak_31172	68 chrX
chrX	122898449	122899624	H2AZ_Rep1__peak_31173	113 chrX
chrX	122914113	122914646	H2AZ_Rep1__peak_31174	21 chrX
chrX	122958545	122959483	H2AZ_Rep1__peak_31175	45 chrX
chrX	122993054	122993564	H2AZ_Rep1__peak_31176	19 chrX
chrX	123093209	123095076	H2AZ_Rep1__peak_31177	50 chrX
chrX	128629760	128630133	H2AZ_Rep1__peak_31179	34 chrX
chrX	128655563	128657471	H2AZ_Rep1__peak_31180	51 chrX
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chrX	128811601	128813074	H2AZ_Rep1__peak_31184	83 chrX
chrX	128976767	128978519	H2AZ_Rep1__peak_31185	61 chrX
chrX	129039599	129040125	H2AZ_Rep1__peak_31186	67 chrX
chrX	129066830	129067169	H2AZ_Rep1__peak_31187	44 chrX
chrX	129091365	129091787	H2AZ_Rep1__peak_31188	25 chrX
chrX	129095126	129095866	H2AZ_Rep1__peak_31189	68 chrX
chrX	129115905	129118716	H2AZ_Rep1__peak_31190	58 chrX
chrX	129194289	129195376	H2AZ_Rep1__peak_31191	63 chrX
chrX	129245205	129245744	H2AZ_Rep1__peak_31192	32 chrX
chrX	129299049	129300613	H2AZ_Rep1__peak_31193	75 chrX

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chrX	129326372	129326708	H2AZ_Rep1__peak_31195	27 chrX
chrX	129401588	129403268	H2AZ_Rep1__peak_31196	24 chrX
chrX	129473286	129474646	H2AZ_Rep1__peak_31198	78 chrX
chrX	129535215	129536550	H2AZ_Rep1__peak_31199	103 chrX
chrX	130036138	130037770	H2AZ_Rep1__peak_31200	42 chrX
chrX	130092530	130092956	H2AZ_Rep1__peak_31201	51 chrX
chrX	130711644	130712733	H2AZ_Rep1__peak_31202	39 chrX
chrX	130838013	130839064	H2AZ_Rep1__peak_31203	25 chrX
chrX	130964348	130965630	H2AZ_Rep1__peak_31204	57 chrX
chrX	130975273	130976200	H2AZ_Rep1__peak_31205	64 chrX
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chrX	131351118	131353860	H2AZ_Rep1__peak_31207	36 chrX
chrX	131600877	131601325	H2AZ_Rep1__peak_31209	11 chrX
chrX	131614315	131615232	H2AZ_Rep1__peak_31210	65 chrX
chrX	131622663	131625411	H2AZ_Rep1__peak_31211	36 chrX
chrX	132091073	132092991	H2AZ_Rep1__peak_31212	61 chrX
chrX	132859873	132860998	H2AZ_Rep1__peak_31213	40 chrX
chrX	133210343	133210670	H2AZ_Rep1__peak_31214	28 chrX
chrX	133449812	133450431	H2AZ_Rep1__peak_31215	21 chrX
chrX	133506585	133508221	H2AZ_Rep1__peak_31216	61 chrX
chrX	133593670	133595093	H2AZ_Rep1__peak_31217	41 chrX
chrX	133670955	133671911	H2AZ_Rep1__peak_31218	27 chrX
chrX	133682303	133684355	H2AZ_Rep1__peak_31219	45 chrX
chrX	133738175	133739055	H2AZ_Rep1__peak_31220	18 chrX
chrX	133792117	133792929	H2AZ_Rep1__peak_31221	31 chrX
chrX	133803677	133804823	H2AZ_Rep1__peak_31222	34 chrX
chrX	133810672	133812152	H2AZ_Rep1__peak_31223	38 chrX
chrX	133851936	133852981	H2AZ_Rep1__peak_31224	31 chrX
chrX	133931010	133931798	H2AZ_Rep1__peak_31225	27 chrX
chrX	133940832	133942030	H2AZ_Rep1__peak_31226	31 chrX
chrX	133970236	133970789	H2AZ_Rep1__peak_31227	47 chrX
chrX	134003049	134004694	H2AZ_Rep1__peak_31228	18 chrX
chrX	134048283	134049835	H2AZ_Rep1__peak_31230	42 chrX
chrX	134099219	134099864	H2AZ_Rep1__peak_31231	28 chrX
chrX	134124156	134125543	H2AZ_Rep1__peak_31232	33 chrX
chrX	134133826	134134911	H2AZ_Rep1__peak_31233	16 chrX
chrX	134137798	134138857	H2AZ_Rep1__peak_31234	111 chrX
chrX	134165740	134166757	H2AZ_Rep1__peak_31235	120 chrX
chrX	134185595	134186763	H2AZ_Rep1__peak_31236	55 chrX
chrX	134220282	134220660	H2AZ_Rep1__peak_31237	29 chrX
chrX	134233096	134233517	H2AZ_Rep1__peak_31238	65 chrX
chrX	134477575	134479180	H2AZ_Rep1__peak_31239	41 chrX

chrX	135055242	135056186	H2AZ_Rep1__peak_31240	97 chrX
chrX	135066138	135068218	H2AZ_Rep1__peak_31241	75 chrX
chrX	135228676	135229456	H2AZ_Rep1__peak_31242	75 chrX
chrX	135248635	135248935	H2AZ_Rep1__peak_31243	33 chrX
chrX	135251306	135252802	H2AZ_Rep1__peak_31244	24 chrX
chrX	135258353	135258880	H2AZ_Rep1__peak_31245	30 chrX
chrX	135332694	135334166	H2AZ_Rep1__peak_31246	37 chrX
chrX	135578354	135580181	H2AZ_Rep1__peak_31247	75 chrX
chrX	135962317	135963509	H2AZ_Rep1__peak_31248	37 chrX
chrX	135991071	135992782	H2AZ_Rep1__peak_31249	84 chrX
chrX	139013963	139016345	H2AZ_Rep1__peak_31250	55 chrX
chrX	140270491	140271864	H2AZ_Rep1__peak_31252	99 chrX
chrX	140740109	140740817	H2AZ_Rep1__peak_31254	21 chrX
chrX	141022142	141023711	H2AZ_Rep1__peak_31255	41 chrX
chrX	141892039	141892726	H2AZ_Rep1__peak_31256	86 chrX
chrX	142086432	142087259	H2AZ_Rep1__peak_31257	25 chrX
chrX	142180873	142184745	H2AZ_Rep1__peak_31258	23 chrX
chrX	142667136	142668640	H2AZ_Rep1__peak_31260	19 chrX
chrX	142721879	142723277	H2AZ_Rep1__peak_31261	55 chrX
chrX	143118971	143119424	H2AZ_Rep1__peak_31262	24 chrX
chrX	146957663	146959580	H2AZ_Rep1__peak_31263	16 chrX
chrX	146965952	146967196	H2AZ_Rep1__peak_31264	27 chrX
chrX	146981034	146983800	H2AZ_Rep1__peak_31265	50 chrX
chrX	146992726	146994126	H2AZ_Rep1__peak_31266	53 chrX
chrX	148586355	148587280	H2AZ_Rep1__peak_31267	50 chrX
chrX	148621143	148623200	H2AZ_Rep1__peak_31268	91 chrX
chrX	148712637	148714096	H2AZ_Rep1__peak_31269	42 chrX
chrX	149106131	149106766	H2AZ_Rep1__peak_31270	67 chrX
chrX	149204868	149205384	H2AZ_Rep1__peak_31271	31 chrX
chrX	149530798	149532879	H2AZ_Rep1__peak_31273	62 chrX
chrX	149644627	149645182	H2AZ_Rep1__peak_31274	44 chrX
chrX	149736171	149737800	H2AZ_Rep1__peak_31275	87 chrX
chrX	149861351	149861869	H2AZ_Rep1__peak_31276	40 chrX
chrX	150066670	150067827	H2AZ_Rep1__peak_31277	31 chrX
chrX	150564873	150566265	H2AZ_Rep1__peak_31278	64 chrX
chrX	150922018	150923483	H2AZ_Rep1__peak_31279	65 chrX
chrX	151142318	151143700	H2AZ_Rep1__peak_31281	25 chrX
chrX	151150493	151150870	H2AZ_Rep1__peak_31282	29 chrX
chrX	151154605	151155150	H2AZ_Rep1__peak_31283	60 chrX
chrX	151998664	152000122	H2AZ_Rep1__peak_31285	55 chrX
chrX	152064202	152065939	H2AZ_Rep1__peak_31286	27 chrX
chrX	152072938	152073381	H2AZ_Rep1__peak_31287	18 chrX
chrX	152109684	152111091	H2AZ_Rep1__peak_31288	104 chrX

chrX	152126585	152127584	H2AZ_Rep1__peak_31289	38 chrX
chrX	152200514	152201298	H2AZ_Rep1__peak_31290	74 chrX
chrX	152599135	152600105	H2AZ_Rep1__peak_31291	51 chrX
chrX	152735665	152736818	H2AZ_Rep1__peak_31292	33 chrX
chrX	152863932	152866128	H2AZ_Rep1__peak_31293	64 chrX
chrX	152932990	152933460	H2AZ_Rep1__peak_31294	39 chrX
chrX	152988668	152989213	H2AZ_Rep1__peak_31295	15 chrX
chrX	153059050	153060557	H2AZ_Rep1__peak_31296	32 chrX
chrX	153150428	153153143	H2AZ_Rep1__peak_31297	20 chrX
chrX	153166841	153168429	H2AZ_Rep1__peak_31298	24 chrX
chrX	153236285	153237195	H2AZ_Rep1__peak_31299	17 chrX
chrX	153238677	153240095	H2AZ_Rep1__peak_31300	15 chrX
chrX	153284746	153286084	H2AZ_Rep1__peak_31301	24 chrX
chrX	153363406	153363949	H2AZ_Rep1__peak_31302	77 chrX
chrX	153602396	153603415	H2AZ_Rep1__peak_31303	60 chrX
chrX	153625527	153626488	H2AZ_Rep1__peak_31304	31 chrX
chrX	153637294	153638171	H2AZ_Rep1__peak_31305	35 chrX
chrX	153639587	153640732	H2AZ_Rep1__peak_31306	28 chrX
chrX	153656601	153657379	H2AZ_Rep1__peak_31307	22 chrX
chrX	153665445	153665851	H2AZ_Rep1__peak_31308	59 chrX
chrX	153685959	153687467	H2AZ_Rep1__peak_31309	23 chrX
chrX	153707358	153708183	H2AZ_Rep1__peak_31310	50 chrX
chrX	153718502	153719530	H2AZ_Rep1__peak_31311	23 chrX
chrX	153743863	153745257	H2AZ_Rep1__peak_31312	71 chrX
chrX	153775716	153776443	H2AZ_Rep1__peak_31313	32 chrX
chrX	153828193	153829702	H2AZ_Rep1__peak_31314	46 chrX
chrX	153959171	153959580	H2AZ_Rep1__peak_31315	19 chrX
chrX	153962542	153962995	H2AZ_Rep1__peak_31316	28 chrX
chrX	153990547	153991778	H2AZ_Rep1__peak_31317	39 chrX
chrX	154032850	154034388	H2AZ_Rep1__peak_31318	37 chrX
chrX	154146316	154146832	H2AZ_Rep1__peak_31319	53 chrX
chrX	154208830	154209825	H2AZ_Rep1__peak_31320	125 chrX
chrX	154285492	154286079	H2AZ_Rep1__peak_31321	26 chrX
chrX	154298291	154300420	H2AZ_Rep1__peak_31322	76 chrX
chrX	154365830	154366347	H2AZ_Rep1__peak_31323	19 chrX
chrX	154443664	154445439	H2AZ_Rep1__peak_31324	114 chrX
chrX	154841694	154843191	H2AZ_Rep1__peak_31325	123 chrX

Start	End	Name	Score
713683	714660	H2AZ_Rep2_peak_1	38
859889	860987	H2AZ_Rep2_peak_6	51
875932	876495	H2AZ_Rep2_peak_8	16
894101	896127	H2AZ_Rep2_peak_9	41
901455	902543	H2AZ_Rep2_peak_10	55
911182	912094	H2AZ_Rep2_peak_11	71
935796	937153	H2AZ_Rep2_peak_12	24
948295	949348	H2AZ_Rep2_peak_14	57
993907	995572	H2AZ_Rep2_peak_16	49
998899	999904	H2AZ_Rep2_peak_17	74
1004413	1004804	H2AZ_Rep2_peak_18	74
1009050	1010470	H2AZ_Rep2_peak_19	50
1014909	1015833	H2AZ_Rep2_peak_20	77
1051827	1052203	H2AZ_Rep2_peak_21	37
1057591	1058085	H2AZ_Rep2_peak_22	61
1092540	1093941	H2AZ_Rep2_peak_23	66
1143511	1144083	H2AZ_Rep2_peak_24	47
1166312	1168134	H2AZ_Rep2_peak_25	92
1208541	1210286	H2AZ_Rep2_peak_26	45
1217208	1217584	H2AZ_Rep2_peak_27	23
1240355	1244613	H2AZ_Rep2_peak_28	27
1259815	1260814	H2AZ_Rep2_peak_29	28
1283218	1285289	H2AZ_Rep2_peak_31	20
1310236	1311946	H2AZ_Rep2_peak_32	31
1334242	1335695	H2AZ_Rep2_peak_33	89
1342180	1343049	H2AZ_Rep2_peak_34	41
1376069	1377156	H2AZ_Rep2_peak_35	31
1406117	1406876	H2AZ_Rep2_peak_36	69
1446576	1447519	H2AZ_Rep2_peak_37	67
1509414	1513025	H2AZ_Rep2_peak_38	75
1549913	1551986	H2AZ_Rep2_peak_39	47
1562440	1563743	H2AZ_Rep2_peak_40	105
1709242	1710590	H2AZ_Rep2_peak_41	47
1821642	1823640	H2AZ_Rep2_peak_42	37
1839955	1841112	H2AZ_Rep2_peak_44	58
1849722	1851605	H2AZ_Rep2_peak_45	75
1875054	1876029	H2AZ_Rep2_peak_46	148
1891238	1891712	H2AZ_Rep2_peak_47	87
1976051	1976867	H2AZ_Rep2_peak_48	51
1980952	1982265	H2AZ_Rep2_peak_49	64
2126331	2127206	H2AZ_Rep2_peak_53	96

2139518	2140464 H2AZ_Rep2_peak_55	53
2143729	2145094 H2AZ_Rep2_peak_56	59
2321908	2323418 H2AZ_Rep2_peak_59	51
2343270	2346057 H2AZ_Rep2_peak_60	38
2431468	2432092 H2AZ_Rep2_peak_61	26
2458185	2458799 H2AZ_Rep2_peak_62	53
2477164	2479518 H2AZ_Rep2_peak_64	27
2516494	2519033 H2AZ_Rep2_peak_65	44
2573970	2575058 H2AZ_Rep2_peak_66	71
3229578	3230410 H2AZ_Rep2_peak_69	22
3236218	3236624 H2AZ_Rep2_peak_71	89
3369477	3371915 H2AZ_Rep2_peak_73	51
3419346	3421380 H2AZ_Rep2_peak_75	33
3446947	3448769 H2AZ_Rep2_peak_76	59
3458010	3460551 H2AZ_Rep2_peak_77	47
3463793	3465225 H2AZ_Rep2_peak_78	75
3540066	3542474 H2AZ_Rep2_peak_81	84
3565719	3566899 H2AZ_Rep2_peak_82	45
3584448	3585637 H2AZ_Rep2_peak_83	48
3588191	3588640 H2AZ_Rep2_peak_84	76
3663086	3667591 H2AZ_Rep2_peak_85	35
3712360	3713938 H2AZ_Rep2_peak_86	150
3773046	3774918 H2AZ_Rep2_peak_88	69
3816005	3818327 H2AZ_Rep2_peak_89	97
6051270	6053898 H2AZ_Rep2_peak_93	55
6085363	6087380 H2AZ_Rep2_peak_94	66
6208342	6208909 H2AZ_Rep2_peak_95	139
6259331	6260712 H2AZ_Rep2_peak_98	118
6265536	6267101 H2AZ_Rep2_peak_99	97
6295354	6296783 H2AZ_Rep2_peak_100	69
6319715	6320954 H2AZ_Rep2_peak_102	40
6413799	6414699 H2AZ_Rep2_peak_103	67
6452367	6454573 H2AZ_Rep2_peak_106	33
6474651	6475547 H2AZ_Rep2_peak_108	37
6479404	6480436 H2AZ_Rep2_peak_109	48
6482843	6484017 H2AZ_Rep2_peak_110	92
6485700	6488500 H2AZ_Rep2_peak_111	47
6531864	6532610 H2AZ_Rep2_peak_113	40
6549436	6552502 H2AZ_Rep2_peak_116	58
6557628	6558290 H2AZ_Rep2_peak_117	90
6613999	6615692 H2AZ_Rep2_peak_119	91
6639180	6640955 H2AZ_Rep2_peak_120	88
6660968	6664560 H2AZ_Rep2_peak_121	89

6672780	6674043 H2AZ_Rep2_peak_122	64
6684748	6686164 H2AZ_Rep2_peak_123	62
6761137	6762730 H2AZ_Rep2_peak_124	66
7019549	7024520 H2AZ_Rep2_peak_128	44
7019549	7024520 H2AZ_Rep2_peak_128	44
7130335	7130731 H2AZ_Rep2_peak_130	35
7177305	7178287 H2AZ_Rep2_peak_133	93
7315475	7316152 H2AZ_Rep2_peak_137	68
7324337	7328162 H2AZ_Rep2_peak_138	54
7358481	7361877 H2AZ_Rep2_peak_142	61
7358481	7361877 H2AZ_Rep2_peak_142	61
7363802	7364250 H2AZ_Rep2_peak_143	26
7372066	7374520 H2AZ_Rep2_peak_144	19
7394525	7396871 H2AZ_Rep2_peak_145	26
7512546	7514370 H2AZ_Rep2_peak_148	18
7529322	7532003 H2AZ_Rep2_peak_149	85
7586438	7587770 H2AZ_Rep2_peak_150	53
7608367	7614530 H2AZ_Rep2_peak_152	72
7608367	7614530 H2AZ_Rep2_peak_152	72
7727537	7728225 H2AZ_Rep2_peak_154	27
7812393	7814364 H2AZ_Rep2_peak_155	34
7826383	7828877 H2AZ_Rep2_peak_156	15
7830679	7832129 H2AZ_Rep2_peak_157	98
7843064	7844981 H2AZ_Rep2_peak_158	52
7962675	7962980 H2AZ_Rep2_peak_160	45
8013772	8014922 H2AZ_Rep2_peak_163	54
8020637	8022272 H2AZ_Rep2_peak_164	63
8064229	8065848 H2AZ_Rep2_peak_165	102
8086685	8088241 H2AZ_Rep2_peak_166	58
8121308	8122616 H2AZ_Rep2_peak_167	51
8135615	8138810 H2AZ_Rep2_peak_169	33
8175733	8178764 H2AZ_Rep2_peak_172	52
8180551	8182769 H2AZ_Rep2_peak_173	49
8197581	8198484 H2AZ_Rep2_peak_175	87
8233044	8235299 H2AZ_Rep2_peak_178	30
8241675	8244672 H2AZ_Rep2_peak_179	32
8254134	8255460 H2AZ_Rep2_peak_181	34
8257205	8258699 H2AZ_Rep2_peak_182	61
8262630	8264758 H2AZ_Rep2_peak_183	22
8271921	8274020 H2AZ_Rep2_peak_184	40
8284664	8285627 H2AZ_Rep2_peak_186	53
8317626	8320009 H2AZ_Rep2_peak_189	35
8403116	8404297 H2AZ_Rep2_peak_193	177

8585426	8586342 H2AZ_Rep2_peak_195	56
8761216	8761580 H2AZ_Rep2_peak_196	42
8763567	8764059 H2AZ_Rep2_peak_197	32
8875910	8878680 H2AZ_Rep2_peak_198	75
8881862	8882854 H2AZ_Rep2_peak_199	24
8940521	8941068 H2AZ_Rep2_peak_201	32
8949090	8950349 H2AZ_Rep2_peak_202	122
8962542	8966363 H2AZ_Rep2_peak_204	37
8962542	8966363 H2AZ_Rep2_peak_204	37
9022746	9023278 H2AZ_Rep2_peak_207	20
9045748	9048472 H2AZ_Rep2_peak_208	46
9064761	9065392 H2AZ_Rep2_peak_209	75
9127077	9127974 H2AZ_Rep2_peak_210	70
9138549	9139574 H2AZ_Rep2_peak_212	47
9187445	9190247 H2AZ_Rep2_peak_213	79
9205167	9205866 H2AZ_Rep2_peak_214	51
9222817	9225234 H2AZ_Rep2_peak_215	44
9240137	9242556 H2AZ_Rep2_peak_216	85
9256178	9257219 H2AZ_Rep2_peak_217	37
9261427	9262789 H2AZ_Rep2_peak_218	102
9292058	9295489 H2AZ_Rep2_peak_220	32
9326860	9327668 H2AZ_Rep2_peak_222	23
9340590	9340967 H2AZ_Rep2_peak_223	70
9350442	9352475 H2AZ_Rep2_peak_224	59
9353717	9354560 H2AZ_Rep2_peak_225	80
9445620	9446567 H2AZ_Rep2_peak_227	97
9448469	9449169 H2AZ_Rep2_peak_228	47
9460351	9462328 H2AZ_Rep2_peak_229	65
9473079	9474180 H2AZ_Rep2_peak_232	41
9488348	9490612 H2AZ_Rep2_peak_233	155
9498409	9499301 H2AZ_Rep2_peak_234	49
9555546	9556218 H2AZ_Rep2_peak_239	20
9598064	9600339 H2AZ_Rep2_peak_240	47
9648249	9650702 H2AZ_Rep2_peak_241	47
9686041	9687804 H2AZ_Rep2_peak_242	42
9704616	9705319 H2AZ_Rep2_peak_243	24
9748306	9751363 H2AZ_Rep2_peak_244	45
9882796	9886843 H2AZ_Rep2_peak_247	93
9882796	9886843 H2AZ_Rep2_peak_247	93
9934838	9935761 H2AZ_Rep2_peak_250	63
9969262	9972546 H2AZ_Rep2_peak_252	108
10002584	10004160 H2AZ_Rep2_peak_253	80
10092062	10095006 H2AZ_Rep2_peak_256	105



10269663	10272116	H2AZ_Rep2_peak_257	95
10458294	10460158	H2AZ_Rep2_peak_258	137
10489799	10491643	H2AZ_Rep2_peak_260	237
10531794	10535826	H2AZ_Rep2_peak_261	116
10531794	10535826	H2AZ_Rep2_peak_261	116
10695576	10695927	H2AZ_Rep2_peak_263	50
10739798	10741130	H2AZ_Rep2_peak_264	46
10752683	10755410	H2AZ_Rep2_peak_265	27
10776792	10778061	H2AZ_Rep2_peak_266	26
10864008	10864958	H2AZ_Rep2_peak_269	58
10927425	10927881	H2AZ_Rep2_peak_271	66
10957857	10961854	H2AZ_Rep2_peak_272	68
11004076	11004491	H2AZ_Rep2_peak_276	25
11021029	11021789	H2AZ_Rep2_peak_277	36
11025480	11026661	H2AZ_Rep2_peak_278	44
11035670	11036507	H2AZ_Rep2_peak_279	62
11071812	11073149	H2AZ_Rep2_peak_280	130
11119234	11121146	H2AZ_Rep2_peak_282	108
11159052	11160505	H2AZ_Rep2_peak_283	145
11321902	11323619	H2AZ_Rep2_peak_284	76
11332572	11334085	H2AZ_Rep2_peak_285	145
11538958	11539651	H2AZ_Rep2_peak_287	49
11713353	11715286	H2AZ_Rep2_peak_288	31
11740499	11742708	H2AZ_Rep2_peak_289	81
11752936	11754053	H2AZ_Rep2_peak_291	89
11767532	11768257	H2AZ_Rep2_peak_292	47
11779568	11782396	H2AZ_Rep2_peak_294	70
11792667	11797873	H2AZ_Rep2_peak_296	98
11792667	11797873	H2AZ_Rep2_peak_296	98
11862762	11864770	H2AZ_Rep2_peak_300	63
11866148	11866888	H2AZ_Rep2_peak_301	76
11967385	11970096	H2AZ_Rep2_peak_302	21
11986716	11987040	H2AZ_Rep2_peak_303	48
11990109	11991505	H2AZ_Rep2_peak_304	43
11994056	11995314	H2AZ_Rep2_peak_305	148
12039524	12041132	H2AZ_Rep2_peak_306	71
12079028	12080741	H2AZ_Rep2_peak_307	85
12128037	12128451	H2AZ_Rep2_peak_310	32
12141732	12142231	H2AZ_Rep2_peak_311	55
12185080	12186683	H2AZ_Rep2_peak_314	18
12192419	12194875	H2AZ_Rep2_peak_315	23
12203435	12206377	H2AZ_Rep2_peak_316	38
12221315	12223754	H2AZ_Rep2_peak_320	40

12289543	12291503	H2AZ_Rep2_peak_324	49
12588506	12589645	H2AZ_Rep2_peak_328	26
12599340	12600803	H2AZ_Rep2_peak_329	39
12609464	12610253	H2AZ_Rep2_peak_331	59
12656038	12656622	H2AZ_Rep2_peak_334	52
12676014	12679604	H2AZ_Rep2_peak_335	52
12718784	12719208	H2AZ_Rep2_peak_336	21
14075151	14076757	H2AZ_Rep2_peak_338	84
15478520	15481107	H2AZ_Rep2_peak_343	99
15498832	15499473	H2AZ_Rep2_peak_344	24
15527250	15528433	H2AZ_Rep2_peak_346	41
15598813	15600045	H2AZ_Rep2_peak_348	29
15649688	15650605	H2AZ_Rep2_peak_350	26
15663890	15665077	H2AZ_Rep2_peak_352	86
15668183	15669008	H2AZ_Rep2_peak_353	42
15671406	15677300	H2AZ_Rep2_peak_354	64
15678913	15681151	H2AZ_Rep2_peak_355	59
15735570	15737412	H2AZ_Rep2_peak_357	17
15789598	15790591	H2AZ_Rep2_peak_361	25
15849939	15853918	H2AZ_Rep2_peak_362	29
15909757	15912039	H2AZ_Rep2_peak_363	59
15929597	15930792	H2AZ_Rep2_peak_364	73
15942015	15945144	H2AZ_Rep2_peak_365	93
16004847	16008323	H2AZ_Rep2_peak_366	89
16010452	16011680	H2AZ_Rep2_peak_367	25
16067850	16068456	H2AZ_Rep2_peak_368	69
16075793	16076429	H2AZ_Rep2_peak_369	107
16082853	16083943	H2AZ_Rep2_peak_370	44
16085621	16087658	H2AZ_Rep2_peak_371	24
16090726	16091399	H2AZ_Rep2_peak_372	50
16126091	16127708	H2AZ_Rep2_peak_375	49
16159649	16163002	H2AZ_Rep2_peak_376	69
16173449	16176797	H2AZ_Rep2_peak_377	81
16173449	16176797	H2AZ_Rep2_peak_377	81
16279052	16279457	H2AZ_Rep2_peak_379	52
16301606	16303575	H2AZ_Rep2_peak_380	90
16339039	16340418	H2AZ_Rep2_peak_381	35
16375124	16375705	H2AZ_Rep2_peak_382	36
16399589	16400651	H2AZ_Rep2_peak_383	47
16401979	16406113	H2AZ_Rep2_peak_384	78
16481750	16483024	H2AZ_Rep2_peak_385	25
16498213	16505801	H2AZ_Rep2_peak_387	39
16498213	16505801	H2AZ_Rep2_peak_387	39

16508243	16511759	H2AZ_Rep2_peak_388	25
16514164	16516783	H2AZ_Rep2_peak_389	73
16532471	16534891	H2AZ_Rep2_peak_390	67
16543104	16544542	H2AZ_Rep2_peak_391	69
16562622	16565502	H2AZ_Rep2_peak_392	87
16677741	16679885	H2AZ_Rep2_peak_393	135
16690264	16694618	H2AZ_Rep2_peak_394	41
16766420	16768142	H2AZ_Rep2_peak_397	171
16825271	16826486	H2AZ_Rep2_peak_398	142
16839640	16841197	H2AZ_Rep2_peak_399	69
16938971	16941430	H2AZ_Rep2_peak_401	276
16970176	16972212	H2AZ_Rep2_peak_402	401
17025433	17026686	H2AZ_Rep2_peak_405	45
17029635	17040113	H2AZ_Rep2_peak_406	37
17029635	17040113	H2AZ_Rep2_peak_406	37
17053780	17054572	H2AZ_Rep2_peak_408	63
17221907	17223479	H2AZ_Rep2_peak_409	38
17229558	17233059	H2AZ_Rep2_peak_410	147
17239751	17241700	H2AZ_Rep2_peak_411	172
17248143	17249507	H2AZ_Rep2_peak_412	21
17286748	17287816	H2AZ_Rep2_peak_415	46
17337704	17339451	H2AZ_Rep2_peak_416	97
17379781	17381139	H2AZ_Rep2_peak_417	115
17401155	17402646	H2AZ_Rep2_peak_419	103
17422481	17425808	H2AZ_Rep2_peak_420	41
17452469	17452960	H2AZ_Rep2_peak_421	20
17512433	17513372	H2AZ_Rep2_peak_423	26
17516527	17520776	H2AZ_Rep2_peak_424	33
17533516	17540292	H2AZ_Rep2_peak_425	31
17533516	17540292	H2AZ_Rep2_peak_425	31
17542161	17542990	H2AZ_Rep2_peak_426	16
17552639	17553118	H2AZ_Rep2_peak_427	41
17562946	17564139	H2AZ_Rep2_peak_430	63
17576706	17578732	H2AZ_Rep2_peak_431	35
17602950	17604419	H2AZ_Rep2_peak_432	37
17673112	17677087	H2AZ_Rep2_peak_435	87
17766285	17768580	H2AZ_Rep2_peak_437	61
17786655	17787612	H2AZ_Rep2_peak_438	111
17800920	17804478	H2AZ_Rep2_peak_439	81
17813283	17816065	H2AZ_Rep2_peak_440	23
17858413	17858887	H2AZ_Rep2_peak_442	43
17866384	17867230	H2AZ_Rep2_peak_443	123
17871544	17872411	H2AZ_Rep2_peak_444	26

17877789	17878766	H2AZ_Rep2_peak_445	61
17895493	17897019	H2AZ_Rep2_peak_446	119
18081686	18082182	H2AZ_Rep2_peak_447	67
18094835	18095649	H2AZ_Rep2_peak_448	55
19007691	19008065	H2AZ_Rep2_peak_451	100
19228473	19229976	H2AZ_Rep2_peak_454	124
19248610	19249308	H2AZ_Rep2_peak_456	14
19252784	19253913	H2AZ_Rep2_peak_457	90
19281974	19284695	H2AZ_Rep2_peak_458	54
19336799	19337705	H2AZ_Rep2_peak_460	43
19535674	19537766	H2AZ_Rep2_peak_463	62
19577179	19578996	H2AZ_Rep2_peak_464	136
19637412	19640097	H2AZ_Rep2_peak_465	65
19811421	19813375	H2AZ_Rep2_peak_466	44
19884217	19884998	H2AZ_Rep2_peak_469	14
19922606	19924128	H2AZ_Rep2_peak_470	93
19962277	19962920	H2AZ_Rep2_peak_471	27
19966630	19967818	H2AZ_Rep2_peak_472	81
19969389	19973030	H2AZ_Rep2_peak_473	45
20125420	20127218	H2AZ_Rep2_peak_477	73
20190449	20190905	H2AZ_Rep2_peak_480	52
20208437	20209732	H2AZ_Rep2_peak_482	78
20538338	20539826	H2AZ_Rep2_peak_483	18
20802823	20803123	H2AZ_Rep2_peak_486	17
20812462	20813219	H2AZ_Rep2_peak_487	38
20819226	20821401	H2AZ_Rep2_peak_488	50
20833824	20835209	H2AZ_Rep2_peak_489	130
20900250	20903525	H2AZ_Rep2_peak_492	57
20913341	20917258	H2AZ_Rep2_peak_495	92
20939801	20941266	H2AZ_Rep2_peak_497	67
20959227	20961189	H2AZ_Rep2_peak_498	61
20987196	20988487	H2AZ_Rep2_peak_499	32
21022336	21023852	H2AZ_Rep2_peak_501	164
21044454	21044915	H2AZ_Rep2_peak_502	25
21058802	21060325	H2AZ_Rep2_peak_503	109
21112529	21115333	H2AZ_Rep2_peak_504	77
21501471	21504137	H2AZ_Rep2_peak_506	71
21521397	21522165	H2AZ_Rep2_peak_507	26
21587584	21589550	H2AZ_Rep2_peak_508	44
21606424	21607011	H2AZ_Rep2_peak_509	68
21616489	21617427	H2AZ_Rep2_peak_510	24
21671339	21673555	H2AZ_Rep2_peak_513	75
21913093	21913766	H2AZ_Rep2_peak_515	49

21949178	21950514	H2AZ_Rep2_peak_516	54
21953061	21955996	H2AZ_Rep2_peak_517	71
21953061	21955996	H2AZ_Rep2_peak_517	71
21958267	21959079	H2AZ_Rep2_peak_518	110
21977488	21978285	H2AZ_Rep2_peak_520	248
21982018	21983304	H2AZ_Rep2_peak_521	16
22108429	22110955	H2AZ_Rep2_peak_522	124
22257525	22259117	H2AZ_Rep2_peak_525	39
22262007	22264555	H2AZ_Rep2_peak_526	92
22283308	22283981	H2AZ_Rep2_peak_528	107
22288097	22288872	H2AZ_Rep2_peak_529	60
22351282	22352500	H2AZ_Rep2_peak_531	139
22363964	22367038	H2AZ_Rep2_peak_532	52
22378565	22380201	H2AZ_Rep2_peak_534	172
22755085	22756335	H2AZ_Rep2_peak_538	39
22777031	22779306	H2AZ_Rep2_peak_539	80
23076552	23078219	H2AZ_Rep2_peak_544	42
23158258	23159308	H2AZ_Rep2_peak_545	125
23302136	23303349	H2AZ_Rep2_peak_548	151
23323819	23324410	H2AZ_Rep2_peak_549	45
23336296	23338073	H2AZ_Rep2_peak_550	123
23345160	23346890	H2AZ_Rep2_peak_551	84
23493854	23498118	H2AZ_Rep2_peak_553	30
23520321	23521831	H2AZ_Rep2_peak_556	25
23523263	23525209	H2AZ_Rep2_peak_557	31
23542442	23544539	H2AZ_Rep2_peak_558	31
23550062	23553797	H2AZ_Rep2_peak_559	110
23671228	23672009	H2AZ_Rep2_peak_560	65
23693974	23696386	H2AZ_Rep2_peak_561	164
23703762	23704091	H2AZ_Rep2_peak_562	24
23727527	23731169	H2AZ_Rep2_peak_563	55
23805319	23805990	H2AZ_Rep2_peak_569	86
23809801	23811829	H2AZ_Rep2_peak_570	30
23823649	23824155	H2AZ_Rep2_peak_571	36
23853585	23858580	H2AZ_Rep2_peak_572	50
23865979	23866892	H2AZ_Rep2_peak_573	87
23890635	23892656	H2AZ_Rep2_peak_577	41
23902208	23905114	H2AZ_Rep2_peak_578	54
23911913	23912300	H2AZ_Rep2_peak_580	24
23918243	23921578	H2AZ_Rep2_peak_582	24
23918243	23921578	H2AZ_Rep2_peak_582	24
23942790	23944415	H2AZ_Rep2_peak_584	40
23952671	23954049	H2AZ_Rep2_peak_585	14

23960908	23964823	H2AZ_Rep2_peak_586	152
23960908	23964823	H2AZ_Rep2_peak_586	152
23976999	23978140	H2AZ_Rep2_peak_587	37
24017534	24018635	H2AZ_Rep2_peak_589	42
24068610	24071604	H2AZ_Rep2_peak_591	65
24104303	24105301	H2AZ_Rep2_peak_592	95
24116873	24118495	H2AZ_Rep2_peak_593	70
24126266	24127876	H2AZ_Rep2_peak_594	37
24151237	24152739	H2AZ_Rep2_peak_595	60
24164562	24165541	H2AZ_Rep2_peak_596	60
24193819	24195834	H2AZ_Rep2_peak_597	81
24231040	24231522	H2AZ_Rep2_peak_598	31
24243038	24243338	H2AZ_Rep2_peak_599	12
24246277	24247616	H2AZ_Rep2_peak_600	74
24372178	24373954	H2AZ_Rep2_peak_601	45
24434040	24435856	H2AZ_Rep2_peak_604	43
24438806	24439266	H2AZ_Rep2_peak_605	65
24445853	24447164	H2AZ_Rep2_peak_606	87
24468915	24470440	H2AZ_Rep2_peak_607	167
24476433	24477587	H2AZ_Rep2_peak_608	176
24514006	24514550	H2AZ_Rep2_peak_609	50
24525738	24526323	H2AZ_Rep2_peak_611	52
24528433	24530065	H2AZ_Rep2_peak_612	23
24562370	24563786	H2AZ_Rep2_peak_614	135
24579000	24579348	H2AZ_Rep2_peak_615	19
24593343	24593814	H2AZ_Rep2_peak_616	37
24610047	24613405	H2AZ_Rep2_peak_618	37
24616461	24618371	H2AZ_Rep2_peak_619	33
24616461	24618371	H2AZ_Rep2_peak_619	33
24619714	24622394	H2AZ_Rep2_peak_620	56
24648026	24648400	H2AZ_Rep2_peak_624	45
24717976	24720500	H2AZ_Rep2_peak_627	21
24738431	24743669	H2AZ_Rep2_peak_628	145
24827896	24830281	H2AZ_Rep2_peak_630	93
24893884	24894912	H2AZ_Rep2_peak_633	24
24968384	24970686	H2AZ_Rep2_peak_637	72
25014635	25015625	H2AZ_Rep2_peak_639	20
25031294	25033346	H2AZ_Rep2_peak_641	39
25044789	25046980	H2AZ_Rep2_peak_644	37
25050907	25051953	H2AZ_Rep2_peak_645	68
25068633	25073153	H2AZ_Rep2_peak_648	24
25174488	25175145	H2AZ_Rep2_peak_649	28
25188051	25189286	H2AZ_Rep2_peak_650	33

25237403	25238200	H2AZ_Rep2_peak_655	42
25252455	25253589	H2AZ_Rep2_peak_657	37
25258495	25259946	H2AZ_Rep2_peak_658	22
25343829	25344921	H2AZ_Rep2_peak_665	21
25406476	25407979	H2AZ_Rep2_peak_669	43
25558452	25560119	H2AZ_Rep2_peak_671	74
25565847	25567050	H2AZ_Rep2_peak_672	51
25573661	25574718	H2AZ_Rep2_peak_673	50
25593182	25595026	H2AZ_Rep2_peak_674	58
25663297	25665959	H2AZ_Rep2_peak_675	38
25754513	25758348	H2AZ_Rep2_peak_676	98
25863737	25865321	H2AZ_Rep2_peak_677	96
25868389	25870774	H2AZ_Rep2_peak_678	34
25876113	25876467	H2AZ_Rep2_peak_679	14
25894975	25895868	H2AZ_Rep2_peak_681	34
25899092	25901275	H2AZ_Rep2_peak_682	122
25942282	25943699	H2AZ_Rep2_peak_684	73
26126198	26127519	H2AZ_Rep2_peak_689	69
26145123	26147106	H2AZ_Rep2_peak_690	102
26184914	26186562	H2AZ_Rep2_peak_691	110
26200980	26202933	H2AZ_Rep2_peak_692	56
26215982	26217518	H2AZ_Rep2_peak_693	28
26218846	26220791	H2AZ_Rep2_peak_694	46
26231608	26233944	H2AZ_Rep2_peak_696	50
26323424	26326120	H2AZ_Rep2_peak_699	121
26361209	26363036	H2AZ_Rep2_peak_700	135
26402275	26402635	H2AZ_Rep2_peak_702	18
26420471	26421872	H2AZ_Rep2_peak_704	99
26436886	26439363	H2AZ_Rep2_peak_706	92
26471501	26472417	H2AZ_Rep2_peak_707	21
26494863	26497300	H2AZ_Rep2_peak_710	67
26549029	26550176	H2AZ_Rep2_peak_711	28
26559854	26561844	H2AZ_Rep2_peak_712	220
26632519	26635356	H2AZ_Rep2_peak_715	78
26647782	26648241	H2AZ_Rep2_peak_717	95
26662564	26663747	H2AZ_Rep2_peak_718	76
26676495	26680780	H2AZ_Rep2_peak_719	78
26683066	26685981	H2AZ_Rep2_peak_720	65
26704678	26705203	H2AZ_Rep2_peak_721	63
26758013	26759663	H2AZ_Rep2_peak_722	166
26798057	26799226	H2AZ_Rep2_peak_723	35
26813603	26814326	H2AZ_Rep2_peak_724	69
26826502	26828297	H2AZ_Rep2_peak_725	79

26855166	26858177	H2AZ_Rep2_peak_727	90
26946222	26948688	H2AZ_Rep2_peak_729	109
27003226	27004420	H2AZ_Rep2_peak_730	54
27018811	27019732	H2AZ_Rep2_peak_732	28
27023891	27024191	H2AZ_Rep2_peak_734	20
27021198	27022503	H2AZ_Rep2_peak_733	51
27112713	27115875	H2AZ_Rep2_peak_735	107
27126245	27126959	H2AZ_Rep2_peak_736	28
27147342	27147856	H2AZ_Rep2_peak_737	37
27152515	27154234	H2AZ_Rep2_peak_738	222
27187479	27192777	H2AZ_Rep2_peak_740	75
27216103	27217347	H2AZ_Rep2_peak_742	125
27226362	27227609	H2AZ_Rep2_peak_743	124
27240640	27242126	H2AZ_Rep2_peak_744	18
27247370	27248980	H2AZ_Rep2_peak_745	107
27293035	27293492	H2AZ_Rep2_peak_746	28
27324284	27324705	H2AZ_Rep2_peak_748	33
27336302	27339858	H2AZ_Rep2_peak_749	25
27371059	27373979	H2AZ_Rep2_peak_751	63
27480360	27482575	H2AZ_Rep2_peak_753	91
27518506	27520489	H2AZ_Rep2_peak_755	101
27524438	27524813	H2AZ_Rep2_peak_756	42
27559989	27562349	H2AZ_Rep2_peak_757	92
27644886	27649511	H2AZ_Rep2_peak_758	57
27691482	27694431	H2AZ_Rep2_peak_759	59
27717835	27719696	H2AZ_Rep2_peak_760	56
27815740	27819222	H2AZ_Rep2_peak_761	81
27829693	27831795	H2AZ_Rep2_peak_763	102
27834626	27834968	H2AZ_Rep2_peak_764	29
27843833	27846537	H2AZ_Rep2_peak_765	61
27851732	27853459	H2AZ_Rep2_peak_766	60
27863988	27867424	H2AZ_Rep2_peak_767	23
27869086	27869648	H2AZ_Rep2_peak_768	43
27883898	27884588	H2AZ_Rep2_peak_769	68
27929710	27931147	H2AZ_Rep2_peak_770	27
27970129	27970856	H2AZ_Rep2_peak_774	48
27976562	27977701	H2AZ_Rep2_peak_775	144
27985194	27987234	H2AZ_Rep2_peak_777	104
27989287	27989934	H2AZ_Rep2_peak_778	60
27995452	27996090	H2AZ_Rep2_peak_779	21
27998239	28000072	H2AZ_Rep2_peak_780	99
28012762	28013748	H2AZ_Rep2_peak_781	36
28051375	28053381	H2AZ_Rep2_peak_782	90



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28156483	28158126	H2AZ_Rep2_peak_784	102
28188639	28191169	H2AZ_Rep2_peak_785	35
28201358	28203563	H2AZ_Rep2_peak_787	34
28240480	28241973	H2AZ_Rep2_peak_789	314
28261151	28262136	H2AZ_Rep2_peak_791	177
28286041	28287186	H2AZ_Rep2_peak_793	33
28414229	28415631	H2AZ_Rep2_peak_794	231
28449772	28450623	H2AZ_Rep2_peak_797	172
28519986	28520957	H2AZ_Rep2_peak_803	31
28558930	28560131	H2AZ_Rep2_peak_805	107
28561625	28563505	H2AZ_Rep2_peak_806	89
28574124	28578364	H2AZ_Rep2_peak_807	54
28585130	28586777	H2AZ_Rep2_peak_808	79
28623116	28623742	H2AZ_Rep2_peak_809	17
28639877	28640838	H2AZ_Rep2_peak_811	113
28654965	28656216	H2AZ_Rep2_peak_812	51
28677533	28683005	H2AZ_Rep2_peak_814	39
28695422	28697089	H2AZ_Rep2_peak_816	147
28831782	28832493	H2AZ_Rep2_peak_818	141
28843458	28846759	H2AZ_Rep2_peak_819	52
28878833	28880478	H2AZ_Rep2_peak_820	135
28908088	28909211	H2AZ_Rep2_peak_821	71
28968552	28970317	H2AZ_Rep2_peak_823	166
28974426	28975998	H2AZ_Rep2_peak_824	77
28994482	28996362	H2AZ_Rep2_peak_825	120
29062568	29064230	H2AZ_Rep2_peak_827	79
29172469	29173011	H2AZ_Rep2_peak_830	50
29203514	29204181	H2AZ_Rep2_peak_834	32
29208320	29214930	H2AZ_Rep2_peak_835	101
29208320	29214930	H2AZ_Rep2_peak_835	101
29240102	29242091	H2AZ_Rep2_peak_836	71
29450742	29452506	H2AZ_Rep2_peak_838	40
29507523	29509272	H2AZ_Rep2_peak_839	68
29556447	29558705	H2AZ_Rep2_peak_840	101
29562551	29566077	H2AZ_Rep2_peak_841	178
30180962	30183235	H2AZ_Rep2_peak_846	92
30555917	30557487	H2AZ_Rep2_peak_849	61
31190712	31192617	H2AZ_Rep2_peak_855	93
31229586	31233047	H2AZ_Rep2_peak_856	23
31255287	31256610	H2AZ_Rep2_peak_858	45
31258382	31260686	H2AZ_Rep2_peak_859	40
31270116	31272352	H2AZ_Rep2_peak_860	44

31273587	31275342	H2AZ_Rep2_peak_861	77
31296098	31297467	H2AZ_Rep2_peak_865	101
31326431	31327363	H2AZ_Rep2_peak_866	80
31381811	31384438	H2AZ_Rep2_peak_867	67
31537925	31539246	H2AZ_Rep2_peak_868	103
31572178	31576195	H2AZ_Rep2_peak_870	83
31584177	31584539	H2AZ_Rep2_peak_871	39
31608583	31609952	H2AZ_Rep2_peak_872	60
31624520	31625536	H2AZ_Rep2_peak_874	45
31627238	31628805	H2AZ_Rep2_peak_875	55
31635559	31635980	H2AZ_Rep2_peak_876	20
31643809	31644316	H2AZ_Rep2_peak_877	97
31654413	31655726	H2AZ_Rep2_peak_878	43
31768904	31770974	H2AZ_Rep2_peak_880	155
31845833	31847487	H2AZ_Rep2_peak_881	58
31867118	31868173	H2AZ_Rep2_peak_882	190
31885577	31887234	H2AZ_Rep2_peak_884	80
31916928	31918810	H2AZ_Rep2_peak_886	47
32013177	32015676	H2AZ_Rep2_peak_891	30
32037442	32043582	H2AZ_Rep2_peak_893	57
32109735	32112847	H2AZ_Rep2_peak_897	183
32131748	32132670	H2AZ_Rep2_peak_898	58
32135051	32137002	H2AZ_Rep2_peak_899	127
32166092	32167596	H2AZ_Rep2_peak_902	49
32235309	32236422	H2AZ_Rep2_peak_906	44
32253340	32255473	H2AZ_Rep2_peak_908	100
32263901	32265029	H2AZ_Rep2_peak_909	77
32320570	32324625	H2AZ_Rep2_peak_911	61
32404283	32405887	H2AZ_Rep2_peak_914	36
32423384	32424064	H2AZ_Rep2_peak_919	26
32426645	32427892	H2AZ_Rep2_peak_920	29
32429508	32430041	H2AZ_Rep2_peak_921	35
32468049	32469340	H2AZ_Rep2_peak_924	18
32478397	32480502	H2AZ_Rep2_peak_925	74
32536131	32539245	H2AZ_Rep2_peak_926	102
32573015	32574536	H2AZ_Rep2_peak_927	110
32644790	32646448	H2AZ_Rep2_peak_928	97
32670810	32672012	H2AZ_Rep2_peak_929	67
32687018	32688625	H2AZ_Rep2_peak_930	54
32705694	32708862	H2AZ_Rep2_peak_932	112
32739186	32739486	H2AZ_Rep2_peak_936	24
32756284	32758612	H2AZ_Rep2_peak_937	91
32816432	32817770	H2AZ_Rep2_peak_939	46

32859512	32861056	H2AZ_Rep2_peak_940	236
32866702	32868221	H2AZ_Rep2_peak_941	105
32878971	32880439	H2AZ_Rep2_peak_942	56
32914034	32914850	H2AZ_Rep2_peak_943	90
32950874	32951984	H2AZ_Rep2_peak_944	16
32964740	32967026	H2AZ_Rep2_peak_945	90
32986283	32986934	H2AZ_Rep2_peak_946	38
33004510	33005986	H2AZ_Rep2_peak_947	98
33115566	33117474	H2AZ_Rep2_peak_949	158
33166890	33169785	H2AZ_Rep2_peak_950	94
33177567	33178351	H2AZ_Rep2_peak_951	103
33181231	33182902	H2AZ_Rep2_peak_952	49
33190188	33191569	H2AZ_Rep2_peak_953	122
33202731	33203540	H2AZ_Rep2_peak_954	97
33205212	33208196	H2AZ_Rep2_peak_955	53
33224556	33227608	H2AZ_Rep2_peak_956	34
33282273	33284356	H2AZ_Rep2_peak_957	54
33366595	33367483	H2AZ_Rep2_peak_959	32
33428693	33431119	H2AZ_Rep2_peak_960	58
33446537	33447414	H2AZ_Rep2_peak_961	41
33454504	33455161	H2AZ_Rep2_peak_962	75
33501990	33503234	H2AZ_Rep2_peak_964	30
33510820	33511798	H2AZ_Rep2_peak_965	18
33516093	33516555	H2AZ_Rep2_peak_966	27
33564852	33565469	H2AZ_Rep2_peak_970	19
33646929	33649500	H2AZ_Rep2_peak_971	53
33684781	33687126	H2AZ_Rep2_peak_973	44
33721135	33723221	H2AZ_Rep2_peak_975	49
33815638	33816746	H2AZ_Rep2_peak_979	138
33832989	33833415	H2AZ_Rep2_peak_980	16
33895958	33896779	H2AZ_Rep2_peak_983	50
33909249	33909888	H2AZ_Rep2_peak_985	88
33936248	33938906	H2AZ_Rep2_peak_988	84
35219912	35221092	H2AZ_Rep2_peak_994	88
35228149	35229694	H2AZ_Rep2_peak_995	51
35245315	35249437	H2AZ_Rep2_peak_996	89
35324682	35326235	H2AZ_Rep2_peak_998	143
35331767	35333701	H2AZ_Rep2_peak_999	52
35450037	35451501	H2AZ_Rep2_peak_1000	130
35496253	35498081	H2AZ_Rep2_peak_1001	86
35512346	35513479	H2AZ_Rep2_peak_1002	49
35528156	35529581	H2AZ_Rep2_peak_1003	70
35544419	35545637	H2AZ_Rep2_peak_1004	158

35658942	35659425	H2AZ_Rep2_peak_1005	58
35733781	35735258	H2AZ_Rep2_peak_1006	106
35811200	35811982	H2AZ_Rep2_peak_1007	45
36022378	36024379	H2AZ_Rep2_peak_1008	94
36106751	36108431	H2AZ_Rep2_peak_1010	85
36183564	36185195	H2AZ_Rep2_peak_1012	160
36234177	36236156	H2AZ_Rep2_peak_1013	66
36273024	36274878	H2AZ_Rep2_peak_1015	125
36348322	36349583	H2AZ_Rep2_peak_1016	148
36395675	36397679	H2AZ_Rep2_peak_1017	69
36551763	36555393	H2AZ_Rep2_peak_1019	142
36564965	36566431	H2AZ_Rep2_peak_1020	112
36598830	36599724	H2AZ_Rep2_peak_1021	113
36614253	36618983	H2AZ_Rep2_peak_1022	71
36620930	36622639	H2AZ_Rep2_peak_1023	47
36652582	36654545	H2AZ_Rep2_peak_1024	144
36668883	36669888	H2AZ_Rep2_peak_1026	63
36688714	36690466	H2AZ_Rep2_peak_1027	106
36850428	36852815	H2AZ_Rep2_peak_1031	65
36862758	36863960	H2AZ_Rep2_peak_1032	138
36866093	36867597	H2AZ_Rep2_peak_1033	109
36877374	36878122	H2AZ_Rep2_peak_1035	18
36886164	36887088	H2AZ_Rep2_peak_1036	33
36915576	36916776	H2AZ_Rep2_peak_1037	113
36929015	36931536	H2AZ_Rep2_peak_1038	95
36944854	36945771	H2AZ_Rep2_peak_1040	49
36952163	36952986	H2AZ_Rep2_peak_1042	54
37920339	37921363	H2AZ_Rep2_peak_1050	25
37936888	37940048	H2AZ_Rep2_peak_1051	93
37936888	37940048	H2AZ_Rep2_peak_1051	93
37979405	37981227	H2AZ_Rep2_peak_1053	66
38019228	38020523	H2AZ_Rep2_peak_1054	37
38060902	38062135	H2AZ_Rep2_peak_1056	128
38155260	38158794	H2AZ_Rep2_peak_1063	122
38259106	38260819	H2AZ_Rep2_peak_1065	63
38324533	38326289	H2AZ_Rep2_peak_1067	84
38396290	38398478	H2AZ_Rep2_peak_1069	34
38411534	38415702	H2AZ_Rep2_peak_1070	108
38455127	38456391	H2AZ_Rep2_peak_1071	63
38461069	38462266	H2AZ_Rep2_peak_1072	50
38470032	38472391	H2AZ_Rep2_peak_1074	42
38474475	38475933	H2AZ_Rep2_peak_1075	52
38477833	38479971	H2AZ_Rep2_peak_1076	163

38495420	38496548	H2AZ_Rep2_peak_1077	17
38604347	38604959	H2AZ_Rep2_peak_1079	57
39052524	39053014	H2AZ_Rep2_peak_1080	44
39324154	39326329	H2AZ_Rep2_peak_1083	125
39338162	39339892	H2AZ_Rep2_peak_1084	106
39406755	39408022	H2AZ_Rep2_peak_1085	244
39418946	39419518	H2AZ_Rep2_peak_1086	53
39427371	39430025	H2AZ_Rep2_peak_1088	68
39438993	39439474	H2AZ_Rep2_peak_1089	26
39451151	39452800	H2AZ_Rep2_peak_1090	62
39456054	39457134	H2AZ_Rep2_peak_1091	49
39491255	39492658	H2AZ_Rep2_peak_1092	153
39555344	39558320	H2AZ_Rep2_peak_1093	78
39568962	39573687	H2AZ_Rep2_peak_1094	49
39857630	39857990	H2AZ_Rep2_peak_1095	22
39863891	39864355	H2AZ_Rep2_peak_1097	52
39873664	39875609	H2AZ_Rep2_peak_1098	38
39973980	39975208	H2AZ_Rep2_peak_1099	37
40004372	40005153	H2AZ_Rep2_peak_1100	95
40024476	40025830	H2AZ_Rep2_peak_1101	95
40042690	40043007	H2AZ_Rep2_peak_1102	90
40071328	40072045	H2AZ_Rep2_peak_1105	28
40074871	40075405	H2AZ_Rep2_peak_1106	31
40123408	40123957	H2AZ_Rep2_peak_1110	72
40141000	40143330	H2AZ_Rep2_peak_1111	46
40167263	40168567	H2AZ_Rep2_peak_1113	42
40204147	40205959	H2AZ_Rep2_peak_1114	91
40254210	40255615	H2AZ_Rep2_peak_1115	86
40264534	40265698	H2AZ_Rep2_peak_1116	59
40348441	40349811	H2AZ_Rep2_peak_1117	94
40366881	40369045	H2AZ_Rep2_peak_1118	86
40399497	40400644	H2AZ_Rep2_peak_1119	34
40421143	40421826	H2AZ_Rep2_peak_1122	36
40426171	40426729	H2AZ_Rep2_peak_1123	78
40445933	40448101	H2AZ_Rep2_peak_1124	53
40505002	40507281	H2AZ_Rep2_peak_1125	74
40562272	40563745	H2AZ_Rep2_peak_1126	248
40605656	40606687	H2AZ_Rep2_peak_1127	24
40609580	40610157	H2AZ_Rep2_peak_1128	34
40618085	40618864	H2AZ_Rep2_peak_1129	18
40626524	40627774	H2AZ_Rep2_peak_1130	159
40723027	40724474	H2AZ_Rep2_peak_1131	154
40780781	40781083	H2AZ_Rep2_peak_1132	48

40804456	40805268 H2AZ_Rep2_peak_1133	87
40838781	40840674 H2AZ_Rep2_peak_1134	138
40914964	40916786 H2AZ_Rep2_peak_1135	101
40973854	40975411 H2AZ_Rep2_peak_1136	217
40996575	40998026 H2AZ_Rep2_peak_1137	193
41131079	41132069 H2AZ_Rep2_peak_1141	95
41134524	41135028 H2AZ_Rep2_peak_1142	15
41156848	41158927 H2AZ_Rep2_peak_1144	90
41266978	41269674 H2AZ_Rep2_peak_1146	45
41313218	41316636 H2AZ_Rep2_peak_1148	62
41328211	41329929 H2AZ_Rep2_peak_1150	37
41343312	41346011 H2AZ_Rep2_peak_1154	43
41362281	41365664 H2AZ_Rep2_peak_1156	33
41367483	41369204 H2AZ_Rep2_peak_1157	56
41372419	41373089 H2AZ_Rep2_peak_1158	19
41391779	41392307 H2AZ_Rep2_peak_1159	36
41402322	41403178 H2AZ_Rep2_peak_1161	20
41405276	41406971 H2AZ_Rep2_peak_1162	50
41409868	41411185 H2AZ_Rep2_peak_1163	54
41414219	41414856 H2AZ_Rep2_peak_1164	73
41417870	41418877 H2AZ_Rep2_peak_1165	49
41420818	41421508 H2AZ_Rep2_peak_1166	25
41433050	41434253 H2AZ_Rep2_peak_1168	39
41444728	41445716 H2AZ_Rep2_peak_1169	161
41574200	41575870 H2AZ_Rep2_peak_1170	36
41706590	41709088 H2AZ_Rep2_peak_1171	78
41807001	41808837 H2AZ_Rep2_peak_1176	141
41825669	41827664 H2AZ_Rep2_peak_1177	48
41846425	41848827 H2AZ_Rep2_peak_1179	35
41882652	41885784 H2AZ_Rep2_peak_1180	47
41897602	41899138 H2AZ_Rep2_peak_1182	107
41940284	41943165 H2AZ_Rep2_peak_1185	30
41948429	41951415 H2AZ_Rep2_peak_1186	48
41960997	41962919 H2AZ_Rep2_peak_1188	47
41966003	41967930 H2AZ_Rep2_peak_1189	32
41979887	41982482 H2AZ_Rep2_peak_1191	52
42127115	42128728 H2AZ_Rep2_peak_1194	73
42149297	42151155 H2AZ_Rep2_peak_1195	118
42317275	42319483 H2AZ_Rep2_peak_1200	26
42327899	42328810 H2AZ_Rep2_peak_1201	25
42360227	42361421 H2AZ_Rep2_peak_1203	58
42363967	42364499 H2AZ_Rep2_peak_1204	48
42366060	42368051 H2AZ_Rep2_peak_1205	32

42383153	42384467	H2AZ_Rep2_peak_1206	59
42500736	42502245	H2AZ_Rep2_peak_1209	24
42800161	42801981	H2AZ_Rep2_peak_1214	54
42921333	42923077	H2AZ_Rep2_peak_1217	262
42928303	42929773	H2AZ_Rep2_peak_1218	55
43123135	43124924	H2AZ_Rep2_peak_1220	201
43146593	43147805	H2AZ_Rep2_peak_1221	94
43202072	43202428	H2AZ_Rep2_peak_1222	36
43231297	43233709	H2AZ_Rep2_peak_1223	129
43281942	43283373	H2AZ_Rep2_peak_1224	74
43311579	43313061	H2AZ_Rep2_peak_1225	125
43388377	43390512	H2AZ_Rep2_peak_1227	93
43424243	43425322	H2AZ_Rep2_peak_1229	106
43428655	43429566	H2AZ_Rep2_peak_1231	27
43432681	43433403	H2AZ_Rep2_peak_1232	58
43487384	43487694	H2AZ_Rep2_peak_1233	33
43499999	43500728	H2AZ_Rep2_peak_1234	25
43539062	43540606	H2AZ_Rep2_peak_1236	30
43637224	43638634	H2AZ_Rep2_peak_1240	93
43665130	43666750	H2AZ_Rep2_peak_1241	30
43670426	43673762	H2AZ_Rep2_peak_1242	59
43690061	43693631	H2AZ_Rep2_peak_1243	52
43697556	43699472	H2AZ_Rep2_peak_1244	37
43721517	43723190	H2AZ_Rep2_peak_1246	36
43739727	43741068	H2AZ_Rep2_peak_1247	109
43785477	43787307	H2AZ_Rep2_peak_1249	22
43795554	43796703	H2AZ_Rep2_peak_1250	65
43810053	43811074	H2AZ_Rep2_peak_1251	17
43813762	43816046	H2AZ_Rep2_peak_1252	80
43823796	43825149	H2AZ_Rep2_peak_1253	46
43832704	43834529	H2AZ_Rep2_peak_1254	49
43855042	43856545	H2AZ_Rep2_peak_1256	79
43918593	43920604	H2AZ_Rep2_peak_1258	35
43995069	43997870	H2AZ_Rep2_peak_1262	74
44114035	44116583	H2AZ_Rep2_peak_1265	84
44172334	44174145	H2AZ_Rep2_peak_1266	99
44350574	44351557	H2AZ_Rep2_peak_1269	95
44398708	44400717	H2AZ_Rep2_peak_1270	61
44411389	44413194	H2AZ_Rep2_peak_1271	167
44435184	44436389	H2AZ_Rep2_peak_1272	58
44439765	44441235	H2AZ_Rep2_peak_1273	168
44444438	44446210	H2AZ_Rep2_peak_1274	43
44456980	44458601	H2AZ_Rep2_peak_1275	32

44495034	44497428	H2AZ_Rep2_peak_1276	42
44501907	44502980	H2AZ_Rep2_peak_1277	33
44512267	44516813	H2AZ_Rep2_peak_1279	121
44566334	44567653	H2AZ_Rep2_peak_1281	20
44620345	44621697	H2AZ_Rep2_peak_1283	12
44677898	44679955	H2AZ_Rep2_peak_1286	155
44820246	44822016	H2AZ_Rep2_peak_1287	139
44843476	44845042	H2AZ_Rep2_peak_1288	17
44870434	44872136	H2AZ_Rep2_peak_1289	230
44949897	44952366	H2AZ_Rep2_peak_1290	36
45096185	45098441	H2AZ_Rep2_peak_1292	110
45139293	45142965	H2AZ_Rep2_peak_1293	86
45180507	45181233	H2AZ_Rep2_peak_1294	46
45187551	45188064	H2AZ_Rep2_peak_1295	32
45192438	45192848	H2AZ_Rep2_peak_1296	45
45196696	45197155	H2AZ_Rep2_peak_1297	87
45204821	45206261	H2AZ_Rep2_peak_1298	109
45240590	45241701	H2AZ_Rep2_peak_1299	50
45258706	45259710	H2AZ_Rep2_peak_1300	87
45264506	45266742	H2AZ_Rep2_peak_1301	34
45272601	45277230	H2AZ_Rep2_peak_1302	23
45284830	45286081	H2AZ_Rep2_peak_1303	32
45301337	45301849	H2AZ_Rep2_peak_1305	21
45451325	45452798	H2AZ_Rep2_peak_1306	174
45476075	45478695	H2AZ_Rep2_peak_1307	150
45627908	45628594	H2AZ_Rep2_peak_1308	54
45645215	45645839	H2AZ_Rep2_peak_1309	90
45670277	45673333	H2AZ_Rep2_peak_1310	86
45712010	45712863	H2AZ_Rep2_peak_1311	34
45731703	45733530	H2AZ_Rep2_peak_1312	51
45740446	45740925	H2AZ_Rep2_peak_1314	48
45768629	45770666	H2AZ_Rep2_peak_1315	96
45792056	45793733	H2AZ_Rep2_peak_1316	113
45803919	45806857	H2AZ_Rep2_peak_1317	64
45814648	45816240	H2AZ_Rep2_peak_1318	30
45821517	45822447	H2AZ_Rep2_peak_1319	20
45825668	45826298	H2AZ_Rep2_peak_1320	18
45876705	45877687	H2AZ_Rep2_peak_1321	114
45955931	45957733	H2AZ_Rep2_peak_1322	41
45964774	45967034	H2AZ_Rep2_peak_1323	190
45987186	45989352	H2AZ_Rep2_peak_1324	53
46015905	46017183	H2AZ_Rep2_peak_1327	154
46048745	46050603	H2AZ_Rep2_peak_1328	208



46151500	46154383	H2AZ_Rep2_peak_1329	96
46215581	46218834	H2AZ_Rep2_peak_1330	136
46266218	46270166	H2AZ_Rep2_peak_1332	119
46597227	46599473	H2AZ_Rep2_peak_1334	89
46601577	46603696	H2AZ_Rep2_peak_1335	16
46639034	46641468	H2AZ_Rep2_peak_1338	131
46636736	46637648	H2AZ_Rep2_peak_1337	41
46644677	46650432	H2AZ_Rep2_peak_1339	75
46644677	46650432	H2AZ_Rep2_peak_1339	75
46663592	46664897	H2AZ_Rep2_peak_1340	138
46687584	46690113	H2AZ_Rep2_peak_1343	59
46710500	46714284	H2AZ_Rep2_peak_1344	93
46767357	46769945	H2AZ_Rep2_peak_1345	61
46804511	46807063	H2AZ_Rep2_peak_1346	57
46871801	46872892	H2AZ_Rep2_peak_1348	40
46907709	46909060	H2AZ_Rep2_peak_1349	213
46955027	46956031	H2AZ_Rep2_peak_1351	68
46982254	46984161	H2AZ_Rep2_peak_1352	57
46985807	46988875	H2AZ_Rep2_peak_1353	63
47068629	47070766	H2AZ_Rep2_peak_1357	91
47077148	47077679	H2AZ_Rep2_peak_1358	46
47081604	47083521	H2AZ_Rep2_peak_1359	89
47087777	47088282	H2AZ_Rep2_peak_1360	51
47133287	47134930	H2AZ_Rep2_peak_1361	107
47184436	47185869	H2AZ_Rep2_peak_1362	45
47190547	47191316	H2AZ_Rep2_peak_1363	46
47323157	47323693	H2AZ_Rep2_peak_1365	31
47469348	47469785	H2AZ_Rep2_peak_1367	22
47644240	47645718	H2AZ_Rep2_peak_1371	231
47655497	47659016	H2AZ_Rep2_peak_1373	36
47655497	47659016	H2AZ_Rep2_peak_1373	36
47707013	47707313	H2AZ_Rep2_peak_1376	17
47778759	47780685	H2AZ_Rep2_peak_1377	59
47798896	47800682	H2AZ_Rep2_peak_1379	105
47901942	47904287	H2AZ_Rep2_peak_1382	93
48175714	48176560	H2AZ_Rep2_peak_1386	31
48216311	48217939	H2AZ_Rep2_peak_1388	97
48220595	48226137	H2AZ_Rep2_peak_1389	42
48360106	48361678	H2AZ_Rep2_peak_1392	28
48406766	48408353	H2AZ_Rep2_peak_1393	32
48461794	48464458	H2AZ_Rep2_peak_1394	30
48515432	48516285	H2AZ_Rep2_peak_1397	30
48535318	48536529	H2AZ_Rep2_peak_1400	30

48559612	48560123	H2AZ_Rep2_peak_1402	64
48678728	48679875	H2AZ_Rep2_peak_1405	81
48938165	48938721	H2AZ_Rep2_peak_1410	36
49343865	49344645	H2AZ_Rep2_peak_1413	24
49379804	49382136	H2AZ_Rep2_peak_1414	77
49383651	49384597	H2AZ_Rep2_peak_1415	38
49396950	49397426	H2AZ_Rep2_peak_1416	52
50888089	50890389	H2AZ_Rep2_peak_1420	38
51425033	51427578	H2AZ_Rep2_peak_1421	65
51433865	51435686	H2AZ_Rep2_peak_1422	26
51442096	51444634	H2AZ_Rep2_peak_1423	21
51537013	51538199	H2AZ_Rep2_peak_1425	47
51634017	51634392	H2AZ_Rep2_peak_1428	32
51700747	51703998	H2AZ_Rep2_peak_1429	109
51761998	51764389	H2AZ_Rep2_peak_1430	75
51777291	51781149	H2AZ_Rep2_peak_1431	159
51796583	51797742	H2AZ_Rep2_peak_1432	210
51983447	51986423	H2AZ_Rep2_peak_1433	57
52024329	52024781	H2AZ_Rep2_peak_1435	17
52034862	52036169	H2AZ_Rep2_peak_1436	21
52081973	52083490	H2AZ_Rep2_peak_1438	116
52113671	52115117	H2AZ_Rep2_peak_1440	63
52194487	52196086	H2AZ_Rep2_peak_1442	44
52343535	52346112	H2AZ_Rep2_peak_1443	118
52429673	52430252	H2AZ_Rep2_peak_1447	28
52498522	52499964	H2AZ_Rep2_peak_1448	141
52520031	52522806	H2AZ_Rep2_peak_1449	58
52606740	52608769	H2AZ_Rep2_peak_1452	88
52830741	52832612	H2AZ_Rep2_peak_1453	83
52834043	52834813	H2AZ_Rep2_peak_1454	27
52869324	52870979	H2AZ_Rep2_peak_1455	171
53017708	53019751	H2AZ_Rep2_peak_1456	80
53094778	53095525	H2AZ_Rep2_peak_1459	23
53128420	53129023	H2AZ_Rep2_peak_1461	58
53163309	53164752	H2AZ_Rep2_peak_1464	204
53166416	53166888	H2AZ_Rep2_peak_1465	33
53190728	53193135	H2AZ_Rep2_peak_1467	76
53298465	53299893	H2AZ_Rep2_peak_1468	40
53307514	53309986	H2AZ_Rep2_peak_1469	70
53387192	53388580	H2AZ_Rep2_peak_1471	33
53392417	53393924	H2AZ_Rep2_peak_1472	66
53479799	53482569	H2AZ_Rep2_peak_1473	41
53512654	53514045	H2AZ_Rep2_peak_1474	33

53576057	53577376	H2AZ_Rep2_peak_1477	58
53600774	53601278	H2AZ_Rep2_peak_1478	85
53610958	53613098	H2AZ_Rep2_peak_1479	62
53638017	53639730	H2AZ_Rep2_peak_1483	103
53646931	53653651	H2AZ_Rep2_peak_1484	71
53661333	53663177	H2AZ_Rep2_peak_1485	50
53685477	53687298	H2AZ_Rep2_peak_1486	115
53703683	53705024	H2AZ_Rep2_peak_1487	67
53791350	53794305	H2AZ_Rep2_peak_1488	68
53878291	53879118	H2AZ_Rep2_peak_1493	25
53951179	53951663	H2AZ_Rep2_peak_1496	29
54006606	54008677	H2AZ_Rep2_peak_1497	106
54038000	54039463	H2AZ_Rep2_peak_1498	19
54302851	54305168	H2AZ_Rep2_peak_1503	114
54354777	54356425	H2AZ_Rep2_peak_1504	125
54362172	54362936	H2AZ_Rep2_peak_1505	38
54410534	54413179	H2AZ_Rep2_peak_1506	57
54422673	54422994	H2AZ_Rep2_peak_1507	37
54517717	54519796	H2AZ_Rep2_peak_1511	122
54585795	54587493	H2AZ_Rep2_peak_1512	38
54618466	54620109	H2AZ_Rep2_peak_1513	101
54665006	54666404	H2AZ_Rep2_peak_1515	231
54738463	54739742	H2AZ_Rep2_peak_1516	75
54752880	54753627	H2AZ_Rep2_peak_1517	49
54870732	54871266	H2AZ_Rep2_peak_1518	23
54872926	54875847	H2AZ_Rep2_peak_1519	55
54953247	54955331	H2AZ_Rep2_peak_1524	58
55006779	55008900	H2AZ_Rep2_peak_1528	107
55180470	55182470	H2AZ_Rep2_peak_1531	123
55229450	55234744	H2AZ_Rep2_peak_1532	117
55260148	55260731	H2AZ_Rep2_peak_1534	13
55269816	55271105	H2AZ_Rep2_peak_1535	23
55275957	55277129	H2AZ_Rep2_peak_1537	30
55326848	55327319	H2AZ_Rep2_peak_1538	43
55351688	55354036	H2AZ_Rep2_peak_1539	103
55415692	55416674	H2AZ_Rep2_peak_1542	424
55418504	55419859	H2AZ_Rep2_peak_1543	53
55421395	55421990	H2AZ_Rep2_peak_1544	24
55431364	55433148	H2AZ_Rep2_peak_1545	27
55435712	55437136	H2AZ_Rep2_peak_1546	14
55446278	55447005	H2AZ_Rep2_peak_1549	28
55461888	55462643	H2AZ_Rep2_peak_1550	40
55487440	55488471	H2AZ_Rep2_peak_1551	72

55500569	55506281	H2AZ_Rep2_peak_1552	71
55500569	55506281	H2AZ_Rep2_peak_1552	71
55679941	55682443	H2AZ_Rep2_peak_1553	111
55701607	55702618	H2AZ_Rep2_peak_1554	16
55743009	55743500	H2AZ_Rep2_peak_1556	78
55840867	55841455	H2AZ_Rep2_peak_1559	38
55886349	55887310	H2AZ_Rep2_peak_1562	84
55908749	55910513	H2AZ_Rep2_peak_1565	24
55972159	55973277	H2AZ_Rep2_peak_1566	20
56183242	56185470	H2AZ_Rep2_peak_1572	55
56216186	56216486	H2AZ_Rep2_peak_1575	40
56413370	56413717	H2AZ_Rep2_peak_1578	31
56498145	56499373	H2AZ_Rep2_peak_1579	16
56539518	56540314	H2AZ_Rep2_peak_1580	84
56545248	56546053	H2AZ_Rep2_peak_1581	28
56590819	56591397	H2AZ_Rep2_peak_1582	56
56601907	56604123	H2AZ_Rep2_peak_1583	33
56914601	56915976	H2AZ_Rep2_peak_1593	18
56922146	56922561	H2AZ_Rep2_peak_1594	28
57043732	57045965	H2AZ_Rep2_peak_1599	110
57109795	57112642	H2AZ_Rep2_peak_1600	123
57935675	57936386	H2AZ_Rep2_peak_1609	21
57983202	57985055	H2AZ_Rep2_peak_1612	37
59011250	59013124	H2AZ_Rep2_peak_1622	103
59041196	59043797	H2AZ_Rep2_peak_1624	91
59049070	59052075	H2AZ_Rep2_peak_1625	34
59164925	59166028	H2AZ_Rep2_peak_1627	57
59218615	59222235	H2AZ_Rep2_peak_1628	63
59228592	59229345	H2AZ_Rep2_peak_1629	20
59247711	59251718	H2AZ_Rep2_peak_1630	57
59280082	59282777	H2AZ_Rep2_peak_1632	63
59289761	59291126	H2AZ_Rep2_peak_1633	21
59314288	59315559	H2AZ_Rep2_peak_1634	31
59346948	59351007	H2AZ_Rep2_peak_1635	29
59361890	59363454	H2AZ_Rep2_peak_1636	37
59368774	59371146	H2AZ_Rep2_peak_1637	100
59387904	59388854	H2AZ_Rep2_peak_1638	38
59394227	59395959	H2AZ_Rep2_peak_1639	57
59437476	59437811	H2AZ_Rep2_peak_1641	33
59478797	59482235	H2AZ_Rep2_peak_1643	45
59485187	59486657	H2AZ_Rep2_peak_1644	116
59527088	59528708	H2AZ_Rep2_peak_1646	40
59616356	59617531	H2AZ_Rep2_peak_1649	37

59622692	59623115	H2AZ_Rep2_peak_1650	29
59761452	59764920	H2AZ_Rep2_peak_1653	112
59892623	59893558	H2AZ_Rep2_peak_1654	37
59910854	59911288	H2AZ_Rep2_peak_1655	22
59953117	59953475	H2AZ_Rep2_peak_1656	17
60196353	60197058	H2AZ_Rep2_peak_1657	29
60224259	60225570	H2AZ_Rep2_peak_1658	83
60279746	60281269	H2AZ_Rep2_peak_1660	126
60436814	60437470	H2AZ_Rep2_peak_1662	37
61508219	61509147	H2AZ_Rep2_peak_1666	57
61515297	61518617	H2AZ_Rep2_peak_1667	59
61522383	61524405	H2AZ_Rep2_peak_1668	87
61542098	61549777	H2AZ_Rep2_peak_1669	66
61946670	61947040	H2AZ_Rep2_peak_1671	30
62051128	62051567	H2AZ_Rep2_peak_1672	42
62190359	62192082	H2AZ_Rep2_peak_1673	132
62206423	62209211	H2AZ_Rep2_peak_1674	63
62693614	62697504	H2AZ_Rep2_peak_1677	59
62698826	62700946	H2AZ_Rep2_peak_1678	20
62706828	62708954	H2AZ_Rep2_peak_1679	49
62773569	62774607	H2AZ_Rep2_peak_1685	36
62849986	62850498	H2AZ_Rep2_peak_1688	51
62855132	62857596	H2AZ_Rep2_peak_1689	17
62890121	62892664	H2AZ_Rep2_peak_1690	32
62901325	62902909	H2AZ_Rep2_peak_1691	100
63153051	63154870	H2AZ_Rep2_peak_1692	103
63211228	63212405	H2AZ_Rep2_peak_1693	35
63249130	63250804	H2AZ_Rep2_peak_1694	165
63727456	63728413	H2AZ_Rep2_peak_1697	124
63781759	63784024	H2AZ_Rep2_peak_1698	60
63793115	63794219	H2AZ_Rep2_peak_1699	65
63832384	63834250	H2AZ_Rep2_peak_1700	161
63988208	63990229	H2AZ_Rep2_peak_1701	191
64058224	64060351	H2AZ_Rep2_peak_1702	112
64126332	64129308	H2AZ_Rep2_peak_1703	66
64140375	64140917	H2AZ_Rep2_peak_1704	14
64163662	64164587	H2AZ_Rep2_peak_1705	51
64239726	64240593	H2AZ_Rep2_peak_1708	16
64385918	64387300	H2AZ_Rep2_peak_1710	27
64466082	64466851	H2AZ_Rep2_peak_1711	15
64471924	64472900	H2AZ_Rep2_peak_1712	68
64637039	64638680	H2AZ_Rep2_peak_1716	88
65111294	65111772	H2AZ_Rep2_peak_1722	56

65209768	65211821	H2AZ_Rep2_peak_1725	101
65399893	65400288	H2AZ_Rep2_peak_1726	19
65430978	65433076	H2AZ_Rep2_peak_1727	60
65467136	65469248	H2AZ_Rep2_peak_1728	76
65531863	65534716	H2AZ_Rep2_peak_1729	53
65612495	65614531	H2AZ_Rep2_peak_1732	48
65719370	65721565	H2AZ_Rep2_peak_1734	140
65885253	65887608	H2AZ_Rep2_peak_1735	151
65993082	65993767	H2AZ_Rep2_peak_1736	20
66277811	66279971	H2AZ_Rep2_peak_1741	33
66428136	66429261	H2AZ_Rep2_peak_1742	19
66641751	66643587	H2AZ_Rep2_peak_1745	24
66648641	66650105	H2AZ_Rep2_peak_1746	32
66695030	66698094	H2AZ_Rep2_peak_1748	21
66695030	66698094	H2AZ_Rep2_peak_1748	21
66706714	66711297	H2AZ_Rep2_peak_1749	43
66726508	66727314	H2AZ_Rep2_peak_1752	30
66735796	66738219	H2AZ_Rep2_peak_1754	94
66740405	66741435	H2AZ_Rep2_peak_1755	13
66747621	66748356	H2AZ_Rep2_peak_1756	29
66751385	66752512	H2AZ_Rep2_peak_1757	29
66760726	66762035	H2AZ_Rep2_peak_1759	61
66766173	66768159	H2AZ_Rep2_peak_1760	35
66819968	66820538	H2AZ_Rep2_peak_1764	31
66901959	66902832	H2AZ_Rep2_peak_1766	52
66911329	66912583	H2AZ_Rep2_peak_1767	22
66943361	66944007	H2AZ_Rep2_peak_1768	59
67281455	67283530	H2AZ_Rep2_peak_1777	20
67389432	67391890	H2AZ_Rep2_peak_1779	36
67395335	67396505	H2AZ_Rep2_peak_1780	21
67518515	67520633	H2AZ_Rep2_peak_1782	87
67557214	67557605	H2AZ_Rep2_peak_1784	49
67614465	67615072	H2AZ_Rep2_peak_1786	54
67678003	67678778	H2AZ_Rep2_peak_1788	13
67895640	67898691	H2AZ_Rep2_peak_1792	97
67944766	67945153	H2AZ_Rep2_peak_1794	54
67966250	67966706	H2AZ_Rep2_peak_1797	46
68026779	68028051	H2AZ_Rep2_peak_1798	66
68035477	68037535	H2AZ_Rep2_peak_1799	64
68090641	68093344	H2AZ_Rep2_peak_1800	30
68111828	68113327	H2AZ_Rep2_peak_1801	23
68149906	68152497	H2AZ_Rep2_peak_1803	60
68214586	68216280	H2AZ_Rep2_peak_1805	66

68297085	68300209	H2AZ_Rep2_peak_1806	71
68697199	68699189	H2AZ_Rep2_peak_1811	122
68961185	68963721	H2AZ_Rep2_peak_1817	159
70432768	70433150	H2AZ_Rep2_peak_1828	46
70598436	70600163	H2AZ_Rep2_peak_1829	17
70669333	70671903	H2AZ_Rep2_peak_1830	148
70686796	70687712	H2AZ_Rep2_peak_1831	56
70819410	70821184	H2AZ_Rep2_peak_1832	126
70875015	70878759	H2AZ_Rep2_peak_1834	101
71545914	71547954	H2AZ_Rep2_peak_1840	58
72746867	72751142	H2AZ_Rep2_peak_1844	83
73364063	73365030	H2AZ_Rep2_peak_1847	32
74058504	74059826	H2AZ_Rep2_peak_1849	31
74475070	74476469	H2AZ_Rep2_peak_1852	110
74479919	74480461	H2AZ_Rep2_peak_1853	14
74663192	74665483	H2AZ_Rep2_peak_1854	114
75036670	75037266	H2AZ_Rep2_peak_1856	32
75051838	75052934	H2AZ_Rep2_peak_1857	16
75198219	75199843	H2AZ_Rep2_peak_1859	162
75566179	75566605	H2AZ_Rep2_peak_1860	29
76137773	76139235	H2AZ_Rep2_peak_1861	140
76189125	76191890	H2AZ_Rep2_peak_1862	65
76250989	76252085	H2AZ_Rep2_peak_1863	98
77684140	77685975	H2AZ_Rep2_peak_1867	181
77779220	77779745	H2AZ_Rep2_peak_1868	37
77877978	77878853	H2AZ_Rep2_peak_1872	23
78005048	78009789	H2AZ_Rep2_peak_1879	59
78005048	78009789	H2AZ_Rep2_peak_1879	59
78147752	78150046	H2AZ_Rep2_peak_1881	107
78224595	78225984	H2AZ_Rep2_peak_1882	75
78244403	78246169	H2AZ_Rep2_peak_1884	122
78444052	78446208	H2AZ_Rep2_peak_1885	34
78689136	78689483	H2AZ_Rep2_peak_1892	26
78752522	78752957	H2AZ_Rep2_peak_1895	25
79082570	79083796	H2AZ_Rep2_peak_1898	44
79084999	79086718	H2AZ_Rep2_peak_1899	54
79114179	79117363	H2AZ_Rep2_peak_1900	38
79350507	79351080	H2AZ_Rep2_peak_1904	37
79416723	79417072	H2AZ_Rep2_peak_1905	42
79518535	79518976	H2AZ_Rep2_peak_1906	43
79658764	79659294	H2AZ_Rep2_peak_1910	34
79670474	79670930	H2AZ_Rep2_peak_1911	16
79933718	79935266	H2AZ_Rep2_peak_1917	46

80447855	80448353	H2AZ_Rep2_peak_1929	42
80497990	80498319	H2AZ_Rep2_peak_1931	15
81098096	81100403	H2AZ_Rep2_peak_1939	46
81139548	81140010	H2AZ_Rep2_peak_1940	22
81624147	81624678	H2AZ_Rep2_peak_1942	52
81639599	81641389	H2AZ_Rep2_peak_1943	22
81813584	81815587	H2AZ_Rep2_peak_1947	23
81918553	81920962	H2AZ_Rep2_peak_1951	19
82146825	82148351	H2AZ_Rep2_peak_1954	20
82169277	82169855	H2AZ_Rep2_peak_1955	11
83248053	83249199	H2AZ_Rep2_peak_1962	76
83529976	83530743	H2AZ_Rep2_peak_1963	43
84463878	84466199	H2AZ_Rep2_peak_1967	21
84542853	84544757	H2AZ_Rep2_peak_1969	145
84763588	84767445	H2AZ_Rep2_peak_1970	132
84763588	84767445	H2AZ_Rep2_peak_1970	132
84831507	84831923	H2AZ_Rep2_peak_1971	48
84944238	84945617	H2AZ_Rep2_peak_1973	127
84970643	84972914	H2AZ_Rep2_peak_1974	41
85038843	85040879	H2AZ_Rep2_peak_1975	65
85069293	85071187	H2AZ_Rep2_peak_1979	96
85085034	85087436	H2AZ_Rep2_peak_1981	50
85155129	85157099	H2AZ_Rep2_peak_1982	64
85163814	85164400	H2AZ_Rep2_peak_1983	22
85191408	85192329	H2AZ_Rep2_peak_1984	16
85409574	85411867	H2AZ_Rep2_peak_1992	37
85557316	85557951	H2AZ_Rep2_peak_1996	66
85598577	85602070	H2AZ_Rep2_peak_1997	38
85665914	85668020	H2AZ_Rep2_peak_1999	116
85709155	85711958	H2AZ_Rep2_peak_2000	40
85724844	85726132	H2AZ_Rep2_peak_2001	96
85741623	85743083	H2AZ_Rep2_peak_2002	31
85744753	85745533	H2AZ_Rep2_peak_2003	53
85763208	85764282	H2AZ_Rep2_peak_2006	47
85773773	85774593	H2AZ_Rep2_peak_2007	36
85929749	85931781	H2AZ_Rep2_peak_2011	107
85961164	85961711	H2AZ_Rep2_peak_2012	25
85986778	85987606	H2AZ_Rep2_peak_2014	68
86042021	86043171	H2AZ_Rep2_peak_2015	46
86045722	86047595	H2AZ_Rep2_peak_2016	80
86072705	86073206	H2AZ_Rep2_peak_2017	71
86173119	86175019	H2AZ_Rep2_peak_2019	149
86555412	86555948	H2AZ_Rep2_peak_2023	25



86860810	86862861	H2AZ_Rep2_peak_2026	140
86885134	86890016	H2AZ_Rep2_peak_2027	43
86894650	86896488	H2AZ_Rep2_peak_2028	62
86967675	86969411	H2AZ_Rep2_peak_2034	22
87168330	87171618	H2AZ_Rep2_peak_2037	114
87244010	87246709	H2AZ_Rep2_peak_2039	28
87311175	87313019	H2AZ_Rep2_peak_2041	36
87379248	87381706	H2AZ_Rep2_peak_2042	129
87596846	87598022	H2AZ_Rep2_peak_2043	109
87793391	87795615	H2AZ_Rep2_peak_2044	53
87796874	87797299	H2AZ_Rep2_peak_2045	42
87800748	87801476	H2AZ_Rep2_peak_2046	37
87901057	87902686	H2AZ_Rep2_peak_2048	49
88271412	88272725	H2AZ_Rep2_peak_2050	25
88335166	88335898	H2AZ_Rep2_peak_2053	27
88421624	88421969	H2AZ_Rep2_peak_2055	15
89148553	89150745	H2AZ_Rep2_peak_2058	56
89356454	89359047	H2AZ_Rep2_peak_2059	85
89458766	89459563	H2AZ_Rep2_peak_2061	73
89486914	89490354	H2AZ_Rep2_peak_2062	89
89530381	89531542	H2AZ_Rep2_peak_2063	59
89591109	89592645	H2AZ_Rep2_peak_2065	40
89664292	89664865	H2AZ_Rep2_peak_2066	30
89726785	89728774	H2AZ_Rep2_peak_2069	18
89740015	89741294	H2AZ_Rep2_peak_2070	18
89873241	89873632	H2AZ_Rep2_peak_2073	40
89989533	89991356	H2AZ_Rep2_peak_2075	208
90018160	90018586	H2AZ_Rep2_peak_2076	15
90097559	90099763	H2AZ_Rep2_peak_2077	84
90190284	90190976	H2AZ_Rep2_peak_2078	35
90222960	90223837	H2AZ_Rep2_peak_2080	30
90285801	90289617	H2AZ_Rep2_peak_2082	94
90308321	90310201	H2AZ_Rep2_peak_2083	76
90418509	90420167	H2AZ_Rep2_peak_2085	34
90439155	90441649	H2AZ_Rep2_peak_2087	32
90459615	90461284	H2AZ_Rep2_peak_2089	40
91316684	91317678	H2AZ_Rep2_peak_2095	60
91486769	91488791	H2AZ_Rep2_peak_2096	113
91557230	91558451	H2AZ_Rep2_peak_2098	68
91585295	91587477	H2AZ_Rep2_peak_2100	46
91869850	91870622	H2AZ_Rep2_peak_2104	17
91965448	91967877	H2AZ_Rep2_peak_2107	112
92017898	92023215	H2AZ_Rep2_peak_2109	23

92035059	92035876	H2AZ_Rep2_peak_2111	127
92074407	92079700	H2AZ_Rep2_peak_2114	65
92201111	92203330	H2AZ_Rep2_peak_2116	49
92350161	92352333	H2AZ_Rep2_peak_2123	111
92355512	92357880	H2AZ_Rep2_peak_2124	38
92378659	92381326	H2AZ_Rep2_peak_2125	29
92389425	92390328	H2AZ_Rep2_peak_2126	58
92393088	92395061	H2AZ_Rep2_peak_2127	16
92496062	92498585	H2AZ_Rep2_peak_2129	54
92545377	92546856	H2AZ_Rep2_peak_2133	109
92650306	92650673	H2AZ_Rep2_peak_2135	35
92763874	92765532	H2AZ_Rep2_peak_2137	146
92889581	92890167	H2AZ_Rep2_peak_2138	22
92950477	92951975	H2AZ_Rep2_peak_2141	29
93249489	93251481	H2AZ_Rep2_peak_2142	95
93257615	93258373	H2AZ_Rep2_peak_2143	16
93269763	93271279	H2AZ_Rep2_peak_2144	29
93296772	93298188	H2AZ_Rep2_peak_2146	120
93415660	93417178	H2AZ_Rep2_peak_2147	50
93425780	93428083	H2AZ_Rep2_peak_2148	131
93542864	93545687	H2AZ_Rep2_peak_2155	110
93645118	93647020	H2AZ_Rep2_peak_2156	77
93803876	93804905	H2AZ_Rep2_peak_2159	23
93810899	93812120	H2AZ_Rep2_peak_2160	56
93907280	93908438	H2AZ_Rep2_peak_2161	29
93913063	93915244	H2AZ_Rep2_peak_2162	113
94186344	94189536	H2AZ_Rep2_peak_2168	43
94196404	94198628	H2AZ_Rep2_peak_2169	17
94199894	94201021	H2AZ_Rep2_peak_2170	19
94264121	94264532	H2AZ_Rep2_peak_2177	18
94282714	94283904	H2AZ_Rep2_peak_2179	18
94311175	94314045	H2AZ_Rep2_peak_2180	64
94344272	94345601	H2AZ_Rep2_peak_2181	117
94373257	94375812	H2AZ_Rep2_peak_2182	76
94485000	94489327	H2AZ_Rep2_peak_2185	118
94511040	94511714	H2AZ_Rep2_peak_2188	55
94702000	94703862	H2AZ_Rep2_peak_2193	107
94712211	94713949	H2AZ_Rep2_peak_2194	81
94764441	94765927	H2AZ_Rep2_peak_2197	21
94776280	94776811	H2AZ_Rep2_peak_2198	55
94882063	94885096	H2AZ_Rep2_peak_2204	98
95005330	95008235	H2AZ_Rep2_peak_2205	36
95027043	95028980	H2AZ_Rep2_peak_2206	93

95044505	95048155	H2AZ_Rep2_peak_2207	125
95087945	95089936	H2AZ_Rep2_peak_2211	81
95107366	95114576	H2AZ_Rep2_peak_2213	44
95107366	95114576	H2AZ_Rep2_peak_2213	44
95118988	95120544	H2AZ_Rep2_peak_2214	25
95122509	95124239	H2AZ_Rep2_peak_2215	57
95174161	95175658	H2AZ_Rep2_peak_2220	14
95178867	95180992	H2AZ_Rep2_peak_2221	57
95221179	95221665	H2AZ_Rep2_peak_2225	63
95248600	95250480	H2AZ_Rep2_peak_2226	64
95257901	95258283	H2AZ_Rep2_peak_2227	17
95267209	95269414	H2AZ_Rep2_peak_2228	72
95284904	95286200	H2AZ_Rep2_peak_2229	38
95318692	95321317	H2AZ_Rep2_peak_2230	56
95537484	95541285	H2AZ_Rep2_peak_2237	196
95581459	95583845	H2AZ_Rep2_peak_2238	85
95698885	95700468	H2AZ_Rep2_peak_2240	126
96208043	96208818	H2AZ_Rep2_peak_2242	24
97186316	97188500	H2AZ_Rep2_peak_2247	130
97330974	97331494	H2AZ_Rep2_peak_2248	50
97432493	97433048	H2AZ_Rep2_peak_2249	15
97463414	97464644	H2AZ_Rep2_peak_2250	23
97639661	97640070	H2AZ_Rep2_peak_2252	73
97743563	97744146	H2AZ_Rep2_peak_2253	22
98384954	98387813	H2AZ_Rep2_peak_2255	98
98402586	98404582	H2AZ_Rep2_peak_2256	33
98788746	98791463	H2AZ_Rep2_peak_2261	23
98821114	98821603	H2AZ_Rep2_peak_2262	17
99127343	99129144	H2AZ_Rep2_peak_2267	107
99336692	99337585	H2AZ_Rep2_peak_2268	21
99575839	99576343	H2AZ_Rep2_peak_2271	11
99611906	99612596	H2AZ_Rep2_peak_2273	35
99646020	99646350	H2AZ_Rep2_peak_2274	40
99771750	99772420	H2AZ_Rep2_peak_2279	16
99922041	99924118	H2AZ_Rep2_peak_2280	99
99999871	100000402	H2AZ_Rep2_peak_2282	30
100111203	100112198	H2AZ_Rep2_peak_2284	83
100169767	100170919	H2AZ_Rep2_peak_2288	32
100231594	100232528	H2AZ_Rep2_peak_2289	74
100273924	100274984	H2AZ_Rep2_peak_2290	67
100314816	100317754	H2AZ_Rep2_peak_2291	163
100408841	100409150	H2AZ_Rep2_peak_2292	38
100422443	100423610	H2AZ_Rep2_peak_2293	16

100434597	100436727	H2AZ_Rep2_peak_2294	250
100502447	100504686	H2AZ_Rep2_peak_2295	43
100595946	100599276	H2AZ_Rep2_peak_2296	130
100714580	100716298	H2AZ_Rep2_peak_2297	188
100731000	100732702	H2AZ_Rep2_peak_2298	201
100788028	100789402	H2AZ_Rep2_peak_2299	41
100816451	100819365	H2AZ_Rep2_peak_2302	134
100924740	100925294	H2AZ_Rep2_peak_2303	19
101062788	101063625	H2AZ_Rep2_peak_2305	14
101313292	101313932	H2AZ_Rep2_peak_2310	12
101359977	101362535	H2AZ_Rep2_peak_2312	49
101490557	101492158	H2AZ_Rep2_peak_2313	136
101659193	101659552	H2AZ_Rep2_peak_2317	12
101666125	101666519	H2AZ_Rep2_peak_2318	18
101701141	101703168	H2AZ_Rep2_peak_2319	116
101723124	101724534	H2AZ_Rep2_peak_2322	56
101727074	101728856	H2AZ_Rep2_peak_2323	44
102497993	102498339	H2AZ_Rep2_peak_2330	27
103093669	103095225	H2AZ_Rep2_peak_2333	39
103120984	103121284	H2AZ_Rep2_peak_2334	22
103240255	103240850	H2AZ_Rep2_peak_2335	66
103716039	103716473	H2AZ_Rep2_peak_2338	32
104067583	104069014	H2AZ_Rep2_peak_2339	79
104599166	104600326	H2AZ_Rep2_peak_2341	17
105168036	105168520	H2AZ_Rep2_peak_2345	17
105214197	105215079	H2AZ_Rep2_peak_2346	37
105249073	105250264	H2AZ_Rep2_peak_2347	32
106765743	106766054	H2AZ_Rep2_peak_2364	16
107598457	107600637	H2AZ_Rep2_peak_2372	179
108079115	108079539	H2AZ_Rep2_peak_2377	12
108230369	108233446	H2AZ_Rep2_peak_2379	32
108624561	108625697	H2AZ_Rep2_peak_2384	26
108742139	108743769	H2AZ_Rep2_peak_2385	123
108758878	108759581	H2AZ_Rep2_peak_2386	36
109045130	109047383	H2AZ_Rep2_peak_2387	21
109100259	109103844	H2AZ_Rep2_peak_2390	35
109189197	109189991	H2AZ_Rep2_peak_2393	111
109203212	109204711	H2AZ_Rep2_peak_2394	187
109234372	109235639	H2AZ_Rep2_peak_2395	72
109262658	109263768	H2AZ_Rep2_peak_2396	103
109287191	109290273	H2AZ_Rep2_peak_2398	79
109358946	109359977	H2AZ_Rep2_peak_2399	76
109364479	109365162	H2AZ_Rep2_peak_2400	15

109370546	109371389	H2AZ_Rep2_peak_2401	89
109372734	109374314	H2AZ_Rep2_peak_2402	180
109417932	109420896	H2AZ_Rep2_peak_2405	95
109505052	109506967	H2AZ_Rep2_peak_2406	94
109583555	109586643	H2AZ_Rep2_peak_2407	187
109618181	109619313	H2AZ_Rep2_peak_2409	176
109622519	109623091	H2AZ_Rep2_peak_2411	17
109632114	109634771	H2AZ_Rep2_peak_2412	166
109642156	109643779	H2AZ_Rep2_peak_2413	79
109655020	109655810	H2AZ_Rep2_peak_2414	24
109691857	109694379	H2AZ_Rep2_peak_2416	68
109704411	109705644	H2AZ_Rep2_peak_2418	34
109739907	109741304	H2AZ_Rep2_peak_2424	67
109755931	109757568	H2AZ_Rep2_peak_2426	144
109791457	109793241	H2AZ_Rep2_peak_2428	68
109796731	109797619	H2AZ_Rep2_peak_2429	22
109805636	109806862	H2AZ_Rep2_peak_2430	128
109815578	109818229	H2AZ_Rep2_peak_2431	96
109819824	109820938	H2AZ_Rep2_peak_2432	46
109824341	109826752	H2AZ_Rep2_peak_2433	195
109849519	109850693	H2AZ_Rep2_peak_2437	34
109939646	109941375	H2AZ_Rep2_peak_2438	73
109968484	109969819	H2AZ_Rep2_peak_2439	94
109980943	109981704	H2AZ_Rep2_peak_2440	38
110008675	110009624	H2AZ_Rep2_peak_2442	82
110019537	110020879	H2AZ_Rep2_peak_2443	27
110025889	110027801	H2AZ_Rep2_peak_2444	200
110035815	110037427	H2AZ_Rep2_peak_2445	161
110050551	110052959	H2AZ_Rep2_peak_2446	78
110070088	110076209	H2AZ_Rep2_peak_2448	94
110089127	110091692	H2AZ_Rep2_peak_2451	60
110161598	110164197	H2AZ_Rep2_peak_2453	164
110178754	110179738	H2AZ_Rep2_peak_2454	147
110185743	110187610	H2AZ_Rep2_peak_2456	103
110198413	110199116	H2AZ_Rep2_peak_2457	35
110259239	110264234	H2AZ_Rep2_peak_2459	37
110259239	110264234	H2AZ_Rep2_peak_2459	37
110280738	110283815	H2AZ_Rep2_peak_2460	145
110305093	110306970	H2AZ_Rep2_peak_2462	68
110314781	110317276	H2AZ_Rep2_peak_2465	80
110325386	110330156	H2AZ_Rep2_peak_2467	40
110325386	110330156	H2AZ_Rep2_peak_2467	40
110334363	110337735	H2AZ_Rep2_peak_2469	49

110360512	110367671	H2AZ_Rep2_peak_2473	106
110369016	110370536	H2AZ_Rep2_peak_2474	29
110381584	110382211	H2AZ_Rep2_peak_2475	31
110391662	110395409	H2AZ_Rep2_peak_2476	39
110415556	110416871	H2AZ_Rep2_peak_2477	69
110419409	110421743	H2AZ_Rep2_peak_2478	116
110434194	110436744	H2AZ_Rep2_peak_2480	42
110438286	110439257	H2AZ_Rep2_peak_2481	49
110452719	110455442	H2AZ_Rep2_peak_2484	21
110457018	110462304	H2AZ_Rep2_peak_2485	24
110473819	110474742	H2AZ_Rep2_peak_2486	23
110518451	110524720	H2AZ_Rep2_peak_2491	49
110518451	110524720	H2AZ_Rep2_peak_2491	49
110526538	110528183	H2AZ_Rep2_peak_2492	78
110572057	110572391	H2AZ_Rep2_peak_2493	33
110575477	110578379	H2AZ_Rep2_peak_2494	120
110629180	110633197	H2AZ_Rep2_peak_2495	27
110640396	110641934	H2AZ_Rep2_peak_2496	101
110648171	110651583	H2AZ_Rep2_peak_2498	77
110743358	110747088	H2AZ_Rep2_peak_2509	65
110752052	110754136	H2AZ_Rep2_peak_2510	137
110878488	110882854	H2AZ_Rep2_peak_2513	146
110949733	110951349	H2AZ_Rep2_peak_2514	210
110983694	110984448	H2AZ_Rep2_peak_2518	12
111006020	111006502	H2AZ_Rep2_peak_2522	19
111018010	111022953	H2AZ_Rep2_peak_2523	19
111030260	111032233	H2AZ_Rep2_peak_2524	56
111417804	111418377	H2AZ_Rep2_peak_2539	71
111422411	111423293	H2AZ_Rep2_peak_2540	34
111459359	111460080	H2AZ_Rep2_peak_2541	111
111469957	111470435	H2AZ_Rep2_peak_2542	20
111505531	111507390	H2AZ_Rep2_peak_2543	52
111644425	111645679	H2AZ_Rep2_peak_2545	216
111681818	111683741	H2AZ_Rep2_peak_2546	167
111745283	111747672	H2AZ_Rep2_peak_2547	42
111990926	111992870	H2AZ_Rep2_peak_2552	128
112048471	112052311	H2AZ_Rep2_peak_2557	265
112134936	112136832	H2AZ_Rep2_peak_2560	66
112161520	112163872	H2AZ_Rep2_peak_2561	177
112280462	112282953	H2AZ_Rep2_peak_2562	157
112297413	112298972	H2AZ_Rep2_peak_2564	203
112533691	112535129	H2AZ_Rep2_peak_2568	16
112794394	112794977	H2AZ_Rep2_peak_2571	57

112879450	112880193	H2AZ_Rep2_peak_2573	70
112929445	112934430	H2AZ_Rep2_peak_2579	87
112936165	112939799	H2AZ_Rep2_peak_2580	117
113007999	113009873	H2AZ_Rep2_peak_2581	120
113044376	113046736	H2AZ_Rep2_peak_2582	27
113049501	113052948	H2AZ_Rep2_peak_2583	250
113160607	113162884	H2AZ_Rep2_peak_2584	85
113216730	113218377	H2AZ_Rep2_peak_2585	144
113247152	113250786	H2AZ_Rep2_peak_2587	62
113257326	113259409	H2AZ_Rep2_peak_2588	167
113261011	113262014	H2AZ_Rep2_peak_2589	61
113304769	113305581	H2AZ_Rep2_peak_2593	13
113313058	113313657	H2AZ_Rep2_peak_2594	15
113351975	113352398	H2AZ_Rep2_peak_2600	91
113360456	113360943	H2AZ_Rep2_peak_2601	22
113424219	113425001	H2AZ_Rep2_peak_2604	24
113497888	113500621	H2AZ_Rep2_peak_2606	58
113584676	113586349	H2AZ_Rep2_peak_2608	55
113614782	113616780	H2AZ_Rep2_peak_2611	173
113682836	113685059	H2AZ_Rep2_peak_2612	83
113760333	113762084	H2AZ_Rep2_peak_2618	16
113865967	113869173	H2AZ_Rep2_peak_2622	39
113931482	113934710	H2AZ_Rep2_peak_2623	104
114300294	114303088	H2AZ_Rep2_peak_2624	143
114353672	114355871	H2AZ_Rep2_peak_2625	98
114402089	114405500	H2AZ_Rep2_peak_2627	62
114446749	114448696	H2AZ_Rep2_peak_2629	302
114470876	114473345	H2AZ_Rep2_peak_2630	207
114656168	114657070	H2AZ_Rep2_peak_2638	59
114888350	114890288	H2AZ_Rep2_peak_2644	203
115052286	115054818	H2AZ_Rep2_peak_2647	56
115057331	115057708	H2AZ_Rep2_peak_2648	21
115059280	115062874	H2AZ_Rep2_peak_2649	40
115064474	115065052	H2AZ_Rep2_peak_2650	43
115066966	115068553	H2AZ_Rep2_peak_2651	22
115078229	115081640	H2AZ_Rep2_peak_2653	29
115083366	115084496	H2AZ_Rep2_peak_2654	44
115123720	115124987	H2AZ_Rep2_peak_2655	109
115211729	115213734	H2AZ_Rep2_peak_2658	209
115258835	115259801	H2AZ_Rep2_peak_2660	42
115300151	115301965	H2AZ_Rep2_peak_2661	198
115322680	115323863	H2AZ_Rep2_peak_2662	204
115604922	115605930	H2AZ_Rep2_peak_2663	24

115611784	115612266	H2AZ_Rep2_peak_2664	34
115681698	115682184	H2AZ_Rep2_peak_2667	65
115721771	115723982	H2AZ_Rep2_peak_2668	88
115725373	115728100	H2AZ_Rep2_peak_2669	28
115732579	115733762	H2AZ_Rep2_peak_2670	16
115752961	115753264	H2AZ_Rep2_peak_2671	13
115968558	115969431	H2AZ_Rep2_peak_2674	140
115974656	115975347	H2AZ_Rep2_peak_2675	43
116011723	116014717	H2AZ_Rep2_peak_2677	37
116035090	116041437	H2AZ_Rep2_peak_2680	38
116035090	116041437	H2AZ_Rep2_peak_2680	38
116088149	116089136	H2AZ_Rep2_peak_2682	128
116183748	116185915	H2AZ_Rep2_peak_2686	115
116314316	116314912	H2AZ_Rep2_peak_2690	34
116518146	116521072	H2AZ_Rep2_peak_2695	80
116652217	116655278	H2AZ_Rep2_peak_2696	59
116681299	116682573	H2AZ_Rep2_peak_2699	134
116694326	116695380	H2AZ_Rep2_peak_2700	139
116915424	116916772	H2AZ_Rep2_peak_2705	35
116960249	116961788	H2AZ_Rep2_peak_2708	65
117030698	117033743	H2AZ_Rep2_peak_2713	29
117041079	117041886	H2AZ_Rep2_peak_2714	56
117046440	117047758	H2AZ_Rep2_peak_2715	74
117050720	117053369	H2AZ_Rep2_peak_2716	33
117112549	117114757	H2AZ_Rep2_peak_2718	92
117129499	117129799	H2AZ_Rep2_peak_2719	28
117209198	117211470	H2AZ_Rep2_peak_2722	48
117229971	117230862	H2AZ_Rep2_peak_2725	45
117235958	117237474	H2AZ_Rep2_peak_2726	56
117254007	117254366	H2AZ_Rep2_peak_2728	55
117394461	117398268	H2AZ_Rep2_peak_2736	35
117451993	117454308	H2AZ_Rep2_peak_2740	96
117601369	117603619	H2AZ_Rep2_peak_2742	127
117663372	117665350	H2AZ_Rep2_peak_2744	142
117670507	117671792	H2AZ_Rep2_peak_2745	14
117689070	117690807	H2AZ_Rep2_peak_2746	45
117714387	117715906	H2AZ_Rep2_peak_2747	21
117752703	117753958	H2AZ_Rep2_peak_2748	51
117809412	117810795	H2AZ_Rep2_peak_2752	24
117908635	117910957	H2AZ_Rep2_peak_2757	146
118106162	118108770	H2AZ_Rep2_peak_2759	18
118147683	118149278	H2AZ_Rep2_peak_2770	124
118196456	118200875	H2AZ_Rep2_peak_2776	71



118274788	118278774	H2AZ_Rep2_peak_2782	93
118295940	118297340	H2AZ_Rep2_peak_2783	86
118301047	118301855	H2AZ_Rep2_peak_2784	162
118363523	118365030	H2AZ_Rep2_peak_2786	33
118471360	118473583	H2AZ_Rep2_peak_2787	220
119543860	119546933	H2AZ_Rep2_peak_2794	79
119682205	119684188	H2AZ_Rep2_peak_2795	162
120018123	120019017	H2AZ_Rep2_peak_2798	16
120189867	120191907	H2AZ_Rep2_peak_2806	178
120217033	120218806	H2AZ_Rep2_peak_2811	25
120239658	120240121	H2AZ_Rep2_peak_2812	67
120254360	120256114	H2AZ_Rep2_peak_2813	107
120322082	120322990	H2AZ_Rep2_peak_2817	45
120413629	120415540	H2AZ_Rep2_peak_2819	51
120611076	120612029	H2AZ_Rep2_peak_2821	19
121156799	121157955	H2AZ_Rep2_peak_2823	63
121260560	121262123	H2AZ_Rep2_peak_2825	67
121315812	121316280	H2AZ_Rep2_peak_2826	22
121328899	121329292	H2AZ_Rep2_peak_2827	45
144533413	144534530	H2AZ_Rep2_peak_2831	28
144593297	144594791	H2AZ_Rep2_peak_2832	89
144930876	144934110	H2AZ_Rep2_peak_2839	361
145038610	145040330	H2AZ_Rep2_peak_2842	21
145046577	145048519	H2AZ_Rep2_peak_2845	25
145088452	145092819	H2AZ_Rep2_peak_2848	45
145095944	145097170	H2AZ_Rep2_peak_2849	133
145139066	145140207	H2AZ_Rep2_peak_2851	36
145209286	145210363	H2AZ_Rep2_peak_2852	81
145382053	145383100	H2AZ_Rep2_peak_2853	69
145385208	145386299	H2AZ_Rep2_peak_2854	16
145394093	145400375	H2AZ_Rep2_peak_2855	186
145427566	145427965	H2AZ_Rep2_peak_2859	56
145434913	145436022	H2AZ_Rep2_peak_2861	91
145437543	145438307	H2AZ_Rep2_peak_2862	149
145448327	145449843	H2AZ_Rep2_peak_2863	32
145451431	145451813	H2AZ_Rep2_peak_2864	34
145454228	145457977	H2AZ_Rep2_peak_2865	39
145469448	145472244	H2AZ_Rep2_peak_2866	106
145476455	145478156	H2AZ_Rep2_peak_2867	58
145515113	145517375	H2AZ_Rep2_peak_2869	218
145541506	145546139	H2AZ_Rep2_peak_2873	58
145548424	145550160	H2AZ_Rep2_peak_2874	63
145556672	145559994	H2AZ_Rep2_peak_2875	31

145574559	145577739	H2AZ_Rep2_peak_2876	205
145588534	145589815	H2AZ_Rep2_peak_2877	114
145610146	145611357	H2AZ_Rep2_peak_2878	128
145713211	145716000	H2AZ_Rep2_peak_2879	83
145826644	145827067	H2AZ_Rep2_peak_2880	94
146555321	146557320	H2AZ_Rep2_peak_2881	98
146642675	146645264	H2AZ_Rep2_peak_2882	148
146695446	146697332	H2AZ_Rep2_peak_2883	44
146713714	146715716	H2AZ_Rep2_peak_2884	123
146976291	146977268	H2AZ_Rep2_peak_2887	28
146986212	146988638	H2AZ_Rep2_peak_2888	73
147012560	147013959	H2AZ_Rep2_peak_2891	74
147070643	147072877	H2AZ_Rep2_peak_2892	149
147141135	147144121	H2AZ_Rep2_peak_2893	191
147148555	147149154	H2AZ_Rep2_peak_2894	20
147229795	147236405	H2AZ_Rep2_peak_2900	24
147400536	147401101	H2AZ_Rep2_peak_2911	64
147735107	147736148	H2AZ_Rep2_peak_2912	74
147750391	147751624	H2AZ_Rep2_peak_2913	36
147777135	147778749	H2AZ_Rep2_peak_2915	16
147805810	147807864	H2AZ_Rep2_peak_2916	191
148176310	148176623	H2AZ_Rep2_peak_2918	20
148555922	148557084	H2AZ_Rep2_peak_2920	103
149222244	149225822	H2AZ_Rep2_peak_2924	54
149298709	149300177	H2AZ_Rep2_peak_2926	64
149684198	149685434	H2AZ_Rep2_peak_2927	76
149859198	149860629	H2AZ_Rep2_peak_2929	25
149870453	149872019	H2AZ_Rep2_peak_2930	188
149899353	149901416	H2AZ_Rep2_peak_2933	58
149903073	149903921	H2AZ_Rep2_peak_2934	72
149908070	149911743	H2AZ_Rep2_peak_2935	81
149908070	149911743	H2AZ_Rep2_peak_2935	81
149981654	149984294	H2AZ_Rep2_peak_2936	148
149992916	149993973	H2AZ_Rep2_peak_2938	31
150038725	150040522	H2AZ_Rep2_peak_2940	157
150145324	150145850	H2AZ_Rep2_peak_2943	66
150156197	150160396	H2AZ_Rep2_peak_2944	77
150185250	150186868	H2AZ_Rep2_peak_2945	71
150205760	150209338	H2AZ_Rep2_peak_2946	83
150227327	150229489	H2AZ_Rep2_peak_2948	139
150232039	150233093	H2AZ_Rep2_peak_2949	213
150239861	150242322	H2AZ_Rep2_peak_2950	122
150265144	150266849	H2AZ_Rep2_peak_2952	133

150293403	150294557	H2AZ_Rep2_peak_2953	99
150335032	150338639	H2AZ_Rep2_peak_2954	101
150457227	150460818	H2AZ_Rep2_peak_2955	96
150457227	150460818	H2AZ_Rep2_peak_2955	96
150480213	150481463	H2AZ_Rep2_peak_2956	27
150485681	150488977	H2AZ_Rep2_peak_2957	72
150504995	150505912	H2AZ_Rep2_peak_2958	29
150508128	150511406	H2AZ_Rep2_peak_2959	53
150520863	150525509	H2AZ_Rep2_peak_2961	75
150520863	150525509	H2AZ_Rep2_peak_2961	75
150532490	150536820	H2AZ_Rep2_peak_2962	51
150601311	150602857	H2AZ_Rep2_peak_2964	50
150669382	150670479	H2AZ_Rep2_peak_2965	83
150721344	150721926	H2AZ_Rep2_peak_2966	30
150736458	150738200	H2AZ_Rep2_peak_2967	89
150848185	150850854	H2AZ_Rep2_peak_2970	39
150853667	150854181	H2AZ_Rep2_peak_2971	29
150872740	150873672	H2AZ_Rep2_peak_2974	16
150898098	150899532	H2AZ_Rep2_peak_2977	85
150946173	150959153	H2AZ_Rep2_peak_2978	45
150946173	150959153	H2AZ_Rep2_peak_2978	45
150946173	150959153	H2AZ_Rep2_peak_2978	45
150946173	150959153	H2AZ_Rep2_peak_2978	45
150978043	150982005	H2AZ_Rep2_peak_2979	183
151019683	151022314	H2AZ_Rep2_peak_2980	86
151031243	151033917	H2AZ_Rep2_peak_2981	77
151035258	151035815	H2AZ_Rep2_peak_2982	39
151041608	151044558	H2AZ_Rep2_peak_2983	128
151118842	151119803	H2AZ_Rep2_peak_2986	28
151137464	151139386	H2AZ_Rep2_peak_2987	201
151161231	151162793	H2AZ_Rep2_peak_2988	74
151168631	151171820	H2AZ_Rep2_peak_2989	61
151226668	151227890	H2AZ_Rep2_peak_2990	109
151252229	151255400	H2AZ_Rep2_peak_2991	119
151299112	151301235	H2AZ_Rep2_peak_2992	130
151319018	151320840	H2AZ_Rep2_peak_2994	102
151343970	151346069	H2AZ_Rep2_peak_2996	37
151370383	151372718	H2AZ_Rep2_peak_2998	100
151430517	151432920	H2AZ_Rep2_peak_2999	164
151483290	151486731	H2AZ_Rep2_peak_3002	68
151509140	151510452	H2AZ_Rep2_peak_3005	65
151511748	151514071	H2AZ_Rep2_peak_3006	76
151566454	151567170	H2AZ_Rep2_peak_3009	30

151568721	151570139	H2AZ_Rep2_peak_3010	29
151578694	151581318	H2AZ_Rep2_peak_3011	85
151583716	151585666	H2AZ_Rep2_peak_3012	105
151735282	151737177	H2AZ_Rep2_peak_3017	114
151762445	151764616	H2AZ_Rep2_peak_3020	212
151802899	151806334	H2AZ_Rep2_peak_3023	128
151808621	151809968	H2AZ_Rep2_peak_3024	61
151817242	151820385	H2AZ_Rep2_peak_3026	88
151840155	151840945	H2AZ_Rep2_peak_3030	58
151881517	151882915	H2AZ_Rep2_peak_3031	76
151915891	151917753	H2AZ_Rep2_peak_3032	56
151964818	151968003	H2AZ_Rep2_peak_3034	25
151973738	151974347	H2AZ_Rep2_peak_3035	82
152022161	152025807	H2AZ_Rep2_peak_3040	52
152159440	152159794	H2AZ_Rep2_peak_3046	31
152412974	152413829	H2AZ_Rep2_peak_3054	22
152430927	152432942	H2AZ_Rep2_peak_3055	32
153095255	153096033	H2AZ_Rep2_peak_3067	132
153462999	153464236	H2AZ_Rep2_peak_3080	59
153483162	153484153	H2AZ_Rep2_peak_3082	88
153487872	153489041	H2AZ_Rep2_peak_3084	69
153507809	153513479	H2AZ_Rep2_peak_3087	45
153507809	153513479	H2AZ_Rep2_peak_3087	45
153516952	153519084	H2AZ_Rep2_peak_3088	62
153520489	153522803	H2AZ_Rep2_peak_3089	34
153536658	153542275	H2AZ_Rep2_peak_3090	70
153536658	153542275	H2AZ_Rep2_peak_3090	70
153544406	153545503	H2AZ_Rep2_peak_3091	39
153550040	153550884	H2AZ_Rep2_peak_3092	107
153580238	153583141	H2AZ_Rep2_peak_3094	36
153584440	153586275	H2AZ_Rep2_peak_3095	47
153588204	153590544	H2AZ_Rep2_peak_3096	55
153598762	153600349	H2AZ_Rep2_peak_3097	67
153605649	153606840	H2AZ_Rep2_peak_3098	71
153630299	153631686	H2AZ_Rep2_peak_3100	75
153643119	153645162	H2AZ_Rep2_peak_3101	66
153650239	153651996	H2AZ_Rep2_peak_3102	235
153669328	153672050	H2AZ_Rep2_peak_3103	125
153678113	153681921	H2AZ_Rep2_peak_3104	34
153698437	153701213	H2AZ_Rep2_peak_3105	131
153747472	153749030	H2AZ_Rep2_peak_3106	169
153755381	153756837	H2AZ_Rep2_peak_3107	79
153762082	153764414	H2AZ_Rep2_peak_3108	31

153894372	153896630	H2AZ_Rep2_peak_3109	137
153917849	153919832	H2AZ_Rep2_peak_3110	70
153929100	153931682	H2AZ_Rep2_peak_3111	82
153935381	153937224	H2AZ_Rep2_peak_3112	56
153938980	153940846	H2AZ_Rep2_peak_3113	94
153949114	153951116	H2AZ_Rep2_peak_3114	175
153957808	153959867	H2AZ_Rep2_peak_3115	73
153962563	153963574	H2AZ_Rep2_peak_3116	106
154154796	154156484	H2AZ_Rep2_peak_3121	71
154165353	154166950	H2AZ_Rep2_peak_3122	36
154169412	154170538	H2AZ_Rep2_peak_3123	51
154192431	154194317	H2AZ_Rep2_peak_3124	89
154244227	154245744	H2AZ_Rep2_peak_3125	200
154296172	154299287	H2AZ_Rep2_peak_3126	23
154307164	154307680	H2AZ_Rep2_peak_3127	18
154326464	154327239	H2AZ_Rep2_peak_3129	12
154357804	154358486	H2AZ_Rep2_peak_3131	17
154364117	154364431	H2AZ_Rep2_peak_3132	30
154376048	154379131	H2AZ_Rep2_peak_3133	136
154390836	154392757	H2AZ_Rep2_peak_3134	48
154435380	154436604	H2AZ_Rep2_peak_3135	95
154530330	154532419	H2AZ_Rep2_peak_3142	190
154580073	154581641	H2AZ_Rep2_peak_3143	78
154599168	154601137	H2AZ_Rep2_peak_3144	105
154670922	154671411	H2AZ_Rep2_peak_3145	52
154685491	154689844	H2AZ_Rep2_peak_3146	23
154701459	154704833	H2AZ_Rep2_peak_3149	35
154813022	154814330	H2AZ_Rep2_peak_3159	16
154841483	154843382	H2AZ_Rep2_peak_3162	65
154904312	154905086	H2AZ_Rep2_peak_3166	94
154908548	154910862	H2AZ_Rep2_peak_3167	220
154928081	154929227	H2AZ_Rep2_peak_3168	92
154933506	154934900	H2AZ_Rep2_peak_3169	87
154954951	154956315	H2AZ_Rep2_peak_3171	58
154972856	154977149	H2AZ_Rep2_peak_3172	31
155010667	155011793	H2AZ_Rep2_peak_3174	67
155017115	155018201	H2AZ_Rep2_peak_3175	42
155021194	155025245	H2AZ_Rep2_peak_3176	115
155035761	155037042	H2AZ_Rep2_peak_3177	58
155043132	155044703	H2AZ_Rep2_peak_3178	73
155050337	155051872	H2AZ_Rep2_peak_3179	75
155056489	155059081	H2AZ_Rep2_peak_3181	178
155063416	155064460	H2AZ_Rep2_peak_3182	141

155066487	155068475	H2AZ_Rep2_peak_3183	65
155084707	155085177	H2AZ_Rep2_peak_3185	27
155096746	155102494	H2AZ_Rep2_peak_3188	84
155096746	155102494	H2AZ_Rep2_peak_3188	84
155107782	155109641	H2AZ_Rep2_peak_3189	84
155112166	155114873	H2AZ_Rep2_peak_3190	212
155139615	155140574	H2AZ_Rep2_peak_3192	179
155144955	155146229	H2AZ_Rep2_peak_3193	158
155147582	155150682	H2AZ_Rep2_peak_3194	81
155162341	155164910	H2AZ_Rep2_peak_3195	71
155176773	155179517	H2AZ_Rep2_peak_3196	53
155188093	155190542	H2AZ_Rep2_peak_3197	92
155193840	155198669	H2AZ_Rep2_peak_3198	247
155210706	155212081	H2AZ_Rep2_peak_3200	38
155213765	155215270	H2AZ_Rep2_peak_3201	209
155223903	155225994	H2AZ_Rep2_peak_3203	88
155231158	155232686	H2AZ_Rep2_peak_3204	81
155242434	155243951	H2AZ_Rep2_peak_3205	164
155246294	155248411	H2AZ_Rep2_peak_3206	109
155274723	155276230	H2AZ_Rep2_peak_3208	30
155277940	155279691	H2AZ_Rep2_peak_3209	80
155292618	155295435	H2AZ_Rep2_peak_3210	97
155531702	155533700	H2AZ_Rep2_peak_3211	112
155560871	155562041	H2AZ_Rep2_peak_3212	20
155579299	155579854	H2AZ_Rep2_peak_3214	75
155606983	155607542	H2AZ_Rep2_peak_3216	74
155617972	155618418	H2AZ_Rep2_peak_3218	109
155620058	155623231	H2AZ_Rep2_peak_3219	36
155657811	155659313	H2AZ_Rep2_peak_3220	234
155714585	155715413	H2AZ_Rep2_peak_3221	105
155826523	155833951	H2AZ_Rep2_peak_3222	103
155859764	155860140	H2AZ_Rep2_peak_3225	14
155862117	155864108	H2AZ_Rep2_peak_3226	75
155880383	155881567	H2AZ_Rep2_peak_3227	40
155903880	155905082	H2AZ_Rep2_peak_3228	103
155910006	155911665	H2AZ_Rep2_peak_3229	58
155947524	155949893	H2AZ_Rep2_peak_3230	56
155969812	155975201	H2AZ_Rep2_peak_3233	75
155990033	155991196	H2AZ_Rep2_peak_3234	79
155995017	155996047	H2AZ_Rep2_peak_3235	15
156022587	156026436	H2AZ_Rep2_peak_3236	143
156052018	156053407	H2AZ_Rep2_peak_3240	102
156060569	156061017	H2AZ_Rep2_peak_3242	52

156070261	156077139	H2AZ_Rep2_peak_3244	32
156083240	156085121	H2AZ_Rep2_peak_3245	42
156121111	156124331	H2AZ_Rep2_peak_3247	29
156162943	156165459	H2AZ_Rep2_peak_3250	107
156182242	156183692	H2AZ_Rep2_peak_3251	104
156251869	156253944	H2AZ_Rep2_peak_3252	89
156264862	156266066	H2AZ_Rep2_peak_3253	161
156307333	156308990	H2AZ_Rep2_peak_3254	143
156326609	156328602	H2AZ_Rep2_peak_3255	50
156349322	156349899	H2AZ_Rep2_peak_3256	58
156415418	156416580	H2AZ_Rep2_peak_3260	94
156425895	156427776	H2AZ_Rep2_peak_3261	110
156477412	156482344	H2AZ_Rep2_peak_3264	64
156521292	156522426	H2AZ_Rep2_peak_3267	43
156541070	156543877	H2AZ_Rep2_peak_3269	132
156553453	156555793	H2AZ_Rep2_peak_3272	32
156560509	156562233	H2AZ_Rep2_peak_3273	118
156570526	156572682	H2AZ_Rep2_peak_3274	238
156630121	156638889	H2AZ_Rep2_peak_3279	57
156630121	156638889	H2AZ_Rep2_peak_3279	57
156646793	156649593	H2AZ_Rep2_peak_3280	111
156658406	156664650	H2AZ_Rep2_peak_3282	123
156658406	156664650	H2AZ_Rep2_peak_3282	123
156674723	156675833	H2AZ_Rep2_peak_3283	31
156695516	156699113	H2AZ_Rep2_peak_3285	94
156710196	156711773	H2AZ_Rep2_peak_3286	88
156718205	156722405	H2AZ_Rep2_peak_3287	88
156735653	156738235	H2AZ_Rep2_peak_3288	145
156782490	156785853	H2AZ_Rep2_peak_3289	167
156828249	156830354	H2AZ_Rep2_peak_3292	32
156839984	156841121	H2AZ_Rep2_peak_3294	87
156858418	156860183	H2AZ_Rep2_peak_3295	65
156875552	156877914	H2AZ_Rep2_peak_3297	74
157014970	157016554	H2AZ_Rep2_peak_3299	62
157075980	157077361	H2AZ_Rep2_peak_3301	17
157107210	157108932	H2AZ_Rep2_peak_3303	110
157117176	157118356	H2AZ_Rep2_peak_3304	60
157123636	157126303	H2AZ_Rep2_peak_3305	73
157962058	157964854	H2AZ_Rep2_peak_3320	72
158115212	158116779	H2AZ_Rep2_peak_3326	46
158118850	158120597	H2AZ_Rep2_peak_3327	174
158967841	158970426	H2AZ_Rep2_peak_3330	74
158978720	158980157	H2AZ_Rep2_peak_3331	36

159060716	159062599	H2AZ_Rep2_peak_3334	36
159199128	159199831	H2AZ_Rep2_peak_3338	36
159568153	159568495	H2AZ_Rep2_peak_3341	15
159720598	159723678	H2AZ_Rep2_peak_3346	20
159750093	159751955	H2AZ_Rep2_peak_3349	36
159823812	159825346	H2AZ_Rep2_peak_3357	64
159837293	159840990	H2AZ_Rep2_peak_3358	41
159849010	159852889	H2AZ_Rep2_peak_3359	21
159858324	159860508	H2AZ_Rep2_peak_3360	43
159879828	159880466	H2AZ_Rep2_peak_3361	26
159892633	159895962	H2AZ_Rep2_peak_3363	94
160001285	160002552	H2AZ_Rep2_peak_3365	93
160065904	160072529	H2AZ_Rep2_peak_3368	69
160065904	160072529	H2AZ_Rep2_peak_3368	69
160078056	160080091	H2AZ_Rep2_peak_3369	73
160092837	160095702	H2AZ_Rep2_peak_3370	52
160155194	160158017	H2AZ_Rep2_peak_3374	16
160174192	160176972	H2AZ_Rep2_peak_3377	87
160231545	160232945	H2AZ_Rep2_peak_3378	160
160254229	160256421	H2AZ_Rep2_peak_3379	107
160312370	160313863	H2AZ_Rep2_peak_3380	123
160588749	160589159	H2AZ_Rep2_peak_3384	38
160959929	160960695	H2AZ_Rep2_peak_3390	39
160967253	160969094	H2AZ_Rep2_peak_3391	56
160990249	160992618	H2AZ_Rep2_peak_3392	171
161014419	161016382	H2AZ_Rep2_peak_3393	182
161050660	161051035	H2AZ_Rep2_peak_3397	54
161052778	161056593	H2AZ_Rep2_peak_3398	81
161052778	161056593	H2AZ_Rep2_peak_3398	81
161066995	161069090	H2AZ_Rep2_peak_3400	184
161087294	161089045	H2AZ_Rep2_peak_3401	74
161101532	161103778	H2AZ_Rep2_peak_3402	86
161122951	161124523	H2AZ_Rep2_peak_3403	355
161128539	161129924	H2AZ_Rep2_peak_3404	158
161135552	161137314	H2AZ_Rep2_peak_3405	177
161146351	161148390	H2AZ_Rep2_peak_3406	134
161151212	161153796	H2AZ_Rep2_peak_3407	24
161166681	161172811	H2AZ_Rep2_peak_3410	117
161166681	161172811	H2AZ_Rep2_peak_3410	117
161193693	161197813	H2AZ_Rep2_peak_3412	101
161276322	161279068	H2AZ_Rep2_peak_3417	72
161281849	161284726	H2AZ_Rep2_peak_3418	168
161352224	161353313	H2AZ_Rep2_peak_3419	108



161359278	161360648	H2AZ_Rep2_peak_3421	217
161367925	161370492	H2AZ_Rep2_peak_3422	116
161391785	161392288	H2AZ_Rep2_peak_3424	49
161397714	161398653	H2AZ_Rep2_peak_3425	81
161409211	161410608	H2AZ_Rep2_peak_3426	89
161442474	161443587	H2AZ_Rep2_peak_3427	117
161456953	161458477	H2AZ_Rep2_peak_3429	33
161476380	161476819	H2AZ_Rep2_peak_3430	26
161482425	161484043	H2AZ_Rep2_peak_3432	40
161492865	161494519	H2AZ_Rep2_peak_3433	109
161500313	161501378	H2AZ_Rep2_peak_3434	61
161509434	161510800	H2AZ_Rep2_peak_3435	80
161581425	161583112	H2AZ_Rep2_peak_3437	68
161590730	161591879	H2AZ_Rep2_peak_3438	50
161694880	161697347	H2AZ_Rep2_peak_3443	64
161699838	161700568	H2AZ_Rep2_peak_3444	59
161710337	161711327	H2AZ_Rep2_peak_3446	18
161718461	161720214	H2AZ_Rep2_peak_3447	166
161732697	161736781	H2AZ_Rep2_peak_3448	88
161993348	161995714	H2AZ_Rep2_peak_3453	38
162005146	162007090	H2AZ_Rep2_peak_3454	24
162024630	162026264	H2AZ_Rep2_peak_3456	30
162032499	162032980	H2AZ_Rep2_peak_3458	42
162038811	162040735	H2AZ_Rep2_peak_3459	105
162111168	162113062	H2AZ_Rep2_peak_3461	30
162317981	162321418	H2AZ_Rep2_peak_3462	82
162350429	162353530	H2AZ_Rep2_peak_3464	53
162359790	162362114	H2AZ_Rep2_peak_3465	39
162374473	162375873	H2AZ_Rep2_peak_3466	31
162389793	162391673	H2AZ_Rep2_peak_3468	17
162414347	162415309	H2AZ_Rep2_peak_3469	13
162465776	162468431	H2AZ_Rep2_peak_3474	135
162508799	162509378	H2AZ_Rep2_peak_3475	79
162511471	162511949	H2AZ_Rep2_peak_3476	28
162520559	162521286	H2AZ_Rep2_peak_3477	61
162530386	162532533	H2AZ_Rep2_peak_3478	112
162582752	162583871	H2AZ_Rep2_peak_3480	56
162650721	162652235	H2AZ_Rep2_peak_3485	25
162659861	162661323	H2AZ_Rep2_peak_3486	54
162665900	162666882	H2AZ_Rep2_peak_3487	135
162723220	162724753	H2AZ_Rep2_peak_3489	13
162759720	162761307	H2AZ_Rep2_peak_3490	47
162816376	162818362	H2AZ_Rep2_peak_3493	70

162824464	162826512	H2AZ_Rep2_peak_3494	30
162846325	162846837	H2AZ_Rep2_peak_3496	20
162851288	162852754	H2AZ_Rep2_peak_3497	37
162886994	162887450	H2AZ_Rep2_peak_3500	50
162891313	162892670	H2AZ_Rep2_peak_3501	22
162976236	162977773	H2AZ_Rep2_peak_3506	33
162984059	162984899	H2AZ_Rep2_peak_3507	25
163005502	163006088	H2AZ_Rep2_peak_3508	19
163062923	163065014	H2AZ_Rep2_peak_3511	56
163131315	163132074	H2AZ_Rep2_peak_3514	13
163144700	163145173	H2AZ_Rep2_peak_3516	48
163290777	163293482	H2AZ_Rep2_peak_3520	132
163844223	163845441	H2AZ_Rep2_peak_3523	50
164027048	164027777	H2AZ_Rep2_peak_3526	15
164526556	164530334	H2AZ_Rep2_peak_3531	60
164526556	164530334	H2AZ_Rep2_peak_3531	60
164571426	164572401	H2AZ_Rep2_peak_3532	25
164676006	164678310	H2AZ_Rep2_peak_3536	47
164740149	164741995	H2AZ_Rep2_peak_3539	37
164755042	164757166	H2AZ_Rep2_peak_3541	38
165566728	165568260	H2AZ_Rep2_peak_3552	218
165570861	165571561	H2AZ_Rep2_peak_3553	99
165599104	165601749	H2AZ_Rep2_peak_3555	169
165666913	165668411	H2AZ_Rep2_peak_3557	213
165737569	165738983	H2AZ_Rep2_peak_3559	182
165785021	165786422	H2AZ_Rep2_peak_3561	13
165794741	165798508	H2AZ_Rep2_peak_3562	94
166458856	166459776	H2AZ_Rep2_peak_3568	92
166807891	166809890	H2AZ_Rep2_peak_3572	116
166844535	166846196	H2AZ_Rep2_peak_3573	83
167013196	167013644	H2AZ_Rep2_peak_3577	27
167024578	167028753	H2AZ_Rep2_peak_3578	60
167034454	167036427	H2AZ_Rep2_peak_3579	50
167050880	167053352	H2AZ_Rep2_peak_3581	155
167105386	167106794	H2AZ_Rep2_peak_3585	31
167188472	167191896	H2AZ_Rep2_peak_3591	87
167266676	167267233	H2AZ_Rep2_peak_3593	22
167408470	167412072	H2AZ_Rep2_peak_3595	44
167416663	167417858	H2AZ_Rep2_peak_3596	43
167423854	167427572	H2AZ_Rep2_peak_3597	33
167522272	167523710	H2AZ_Rep2_peak_3605	124
167533368	167534493	H2AZ_Rep2_peak_3606	52
167596929	167598299	H2AZ_Rep2_peak_3611	93

167681928	167693560	H2AZ_Rep2_peak_3617	107
167681928	167693560	H2AZ_Rep2_peak_3617	107
167765013	167765440	H2AZ_Rep2_peak_3618	44
167772690	167773109	H2AZ_Rep2_peak_3619	63
167788993	167791823	H2AZ_Rep2_peak_3620	45
167798641	167799422	H2AZ_Rep2_peak_3621	36
167904244	167906982	H2AZ_Rep2_peak_3623	125
168051402	168052009	H2AZ_Rep2_peak_3624	29
168057942	168059183	H2AZ_Rep2_peak_3625	51
168104747	168107139	H2AZ_Rep2_peak_3629	94
168139883	168140596	H2AZ_Rep2_peak_3632	42
168146796	168149779	H2AZ_Rep2_peak_3633	112
168194304	168196042	H2AZ_Rep2_peak_3634	110
168271106	168271693	H2AZ_Rep2_peak_3636	29
168311883	168312398	H2AZ_Rep2_peak_3638	14
168316868	168317962	H2AZ_Rep2_peak_3639	22
168361448	168362797	H2AZ_Rep2_peak_3644	80
168408664	168409411	H2AZ_Rep2_peak_3645	54
168526043	168527139	H2AZ_Rep2_peak_3649	33
168720736	168721994	H2AZ_Rep2_peak_3658	52
168849345	168849975	H2AZ_Rep2_peak_3661	93
168973221	168975206	H2AZ_Rep2_peak_3664	39
169027739	169031516	H2AZ_Rep2_peak_3668	58
169071661	169072429	H2AZ_Rep2_peak_3670	58
169074712	169079207	H2AZ_Rep2_peak_3671	71
169117830	169118191	H2AZ_Rep2_peak_3672	43
169331813	169333054	H2AZ_Rep2_peak_3673	42
169336375	169338092	H2AZ_Rep2_peak_3674	161
169454195	169456286	H2AZ_Rep2_peak_3675	91
169477471	169478122	H2AZ_Rep2_peak_3676	27
169680701	169681486	H2AZ_Rep2_peak_3684	67
169763063	169764912	H2AZ_Rep2_peak_3686	230
169861931	169866540	H2AZ_Rep2_peak_3687	68
169882505	169884466	H2AZ_Rep2_peak_3688	31
170042921	170044773	H2AZ_Rep2_peak_3689	150
170500325	170502227	H2AZ_Rep2_peak_3694	190
170532355	170532780	H2AZ_Rep2_peak_3695	33
171282645	171283766	H2AZ_Rep2_peak_3699	19
171342036	171342787	H2AZ_Rep2_peak_3702	35
171372197	171374384	H2AZ_Rep2_peak_3703	54
171403502	171404666	H2AZ_Rep2_peak_3706	39
171453543	171455466	H2AZ_Rep2_peak_3707	124
171613959	171615047	H2AZ_Rep2_peak_3711	167

171710095	171712853	H2AZ_Rep2_peak_3714	161
171748953	171751858	H2AZ_Rep2_peak_3717	181
171786914	171787410	H2AZ_Rep2_peak_3721	30
171809783	171811118	H2AZ_Rep2_peak_3723	76
171868050	171870744	H2AZ_Rep2_peak_3725	27
172009696	172010614	H2AZ_Rep2_peak_3729	60
172150421	172151245	H2AZ_Rep2_peak_3731	43
172290347	172293122	H2AZ_Rep2_peak_3733	105
172312215	172313091	H2AZ_Rep2_peak_3735	27
172320048	172321101	H2AZ_Rep2_peak_3736	24
172326981	172328290	H2AZ_Rep2_peak_3737	11
172368444	172369397	H2AZ_Rep2_peak_3738	54
172412277	172413936	H2AZ_Rep2_peak_3739	79
172415841	172420429	H2AZ_Rep2_peak_3740	65
172466518	172469126	H2AZ_Rep2_peak_3743	16
172499216	172503331	H2AZ_Rep2_peak_3744	162
172612008	172613444	H2AZ_Rep2_peak_3747	36
172875886	172876673	H2AZ_Rep2_peak_3756	55
172902068	172903493	H2AZ_Rep2_peak_3758	19
173091788	173093074	H2AZ_Rep2_peak_3761	68
173159344	173160793	H2AZ_Rep2_peak_3763	116
173236568	173237190	H2AZ_Rep2_peak_3765	32
173238862	173239680	H2AZ_Rep2_peak_3766	24
173300195	173301463	H2AZ_Rep2_peak_3767	32
173362217	173362674	H2AZ_Rep2_peak_3768	23
173389248	173389704	H2AZ_Rep2_peak_3769	104
173398613	173401063	H2AZ_Rep2_peak_3770	46
173422810	173423623	H2AZ_Rep2_peak_3772	14
173445166	173447373	H2AZ_Rep2_peak_3774	110
173464507	173466357	H2AZ_Rep2_peak_3775	48
173471069	173473918	H2AZ_Rep2_peak_3776	24
173475682	173478154	H2AZ_Rep2_peak_3777	38
173495414	173497616	H2AZ_Rep2_peak_3778	26
173500399	173502140	H2AZ_Rep2_peak_3779	18
173524105	173526449	H2AZ_Rep2_peak_3780	37
173539417	173539808	H2AZ_Rep2_peak_3781	15
173560122	173560562	H2AZ_Rep2_peak_3782	47
173657691	173658012	H2AZ_Rep2_peak_3788	20
173683345	173685121	H2AZ_Rep2_peak_3790	202
173792711	173794577	H2AZ_Rep2_peak_3791	121
173836738	173838676	H2AZ_Rep2_peak_3792	39
173990686	173992944	H2AZ_Rep2_peak_3794	137
173999866	174000210	H2AZ_Rep2_peak_3795	16

174121653	174122411	H2AZ_Rep2_peak_3796	22
174127576	174129666	H2AZ_Rep2_peak_3797	146
174159707	174160750	H2AZ_Rep2_peak_3798	24
174959721	174960169	H2AZ_Rep2_peak_3800	60
174967983	174970098	H2AZ_Rep2_peak_3801	117
174991946	174994213	H2AZ_Rep2_peak_3802	163
174998308	174999839	H2AZ_Rep2_peak_3803	308
175160878	175163625	H2AZ_Rep2_peak_3816	94
175203207	175204026	H2AZ_Rep2_peak_3820	40
175388869	175389592	H2AZ_Rep2_peak_3831	76
175808770	175811403	H2AZ_Rep2_peak_3845	100
176175253	176177571	H2AZ_Rep2_peak_3851	105
177001439	177002890	H2AZ_Rep2_peak_3860	22
177150471	177151363	H2AZ_Rep2_peak_3862	39
177188883	177190990	H2AZ_Rep2_peak_3863	64
177938875	177939481	H2AZ_Rep2_peak_3875	87
178024116	178026690	H2AZ_Rep2_peak_3877	32
178061925	178064877	H2AZ_Rep2_peak_3880	164
178310551	178310851	H2AZ_Rep2_peak_3882	34
178500947	178501976	H2AZ_Rep2_peak_3886	122
178505469	178508581	H2AZ_Rep2_peak_3887	97
178510355	178512795	H2AZ_Rep2_peak_3888	233
178579903	178580231	H2AZ_Rep2_peak_3889	27
178653108	178653873	H2AZ_Rep2_peak_3890	18
178693565	178696004	H2AZ_Rep2_peak_3892	75
178971389	178972983	H2AZ_Rep2_peak_3895	126
178985496	178989561	H2AZ_Rep2_peak_3899	63
178993398	178996204	H2AZ_Rep2_peak_3900	107
179050217	179052533	H2AZ_Rep2_peak_3901	192
179187269	179187710	H2AZ_Rep2_peak_3902	37
179197735	179200080	H2AZ_Rep2_peak_3903	113
179261365	179264394	H2AZ_Rep2_peak_3905	134
179334366	179335740	H2AZ_Rep2_peak_3906	247
179783713	179784922	H2AZ_Rep2_peak_3918	72
179846455	179847802	H2AZ_Rep2_peak_3921	152
179850626	179852869	H2AZ_Rep2_peak_3922	219
179922661	179924695	H2AZ_Rep2_peak_3923	336
180114275	180114860	H2AZ_Rep2_peak_3928	23
180120183	180121309	H2AZ_Rep2_peak_3929	25
180123071	180126654	H2AZ_Rep2_peak_3930	156
180136210	180137800	H2AZ_Rep2_peak_3931	113
180198033	180201264	H2AZ_Rep2_peak_3932	118
180470984	180472952	H2AZ_Rep2_peak_3935	256

180476799	180477299	H2AZ_Rep2_peak_3937	70
180484654	180485549	H2AZ_Rep2_peak_3938	57
180488889	180494785	H2AZ_Rep2_peak_3939	33
180499579	180500174	H2AZ_Rep2_peak_3940	35
180529317	180530743	H2AZ_Rep2_peak_3942	27
180532073	180532804	H2AZ_Rep2_peak_3943	74
180600264	180602102	H2AZ_Rep2_peak_3948	143
180892155	180893057	H2AZ_Rep2_peak_3951	57
180990827	180994000	H2AZ_Rep2_peak_3953	109
181001688	181004059	H2AZ_Rep2_peak_3954	220
181055164	181059841	H2AZ_Rep2_peak_3958	49
181068865	181072446	H2AZ_Rep2_peak_3959	29
181073647	181075196	H2AZ_Rep2_peak_3960	81
181080936	181082919	H2AZ_Rep2_peak_3961	33
181085282	181087564	H2AZ_Rep2_peak_3962	56
181094630	181099884	H2AZ_Rep2_peak_3963	42
181094630	181099884	H2AZ_Rep2_peak_3963	42
181102575	181106070	H2AZ_Rep2_peak_3964	44
181108166	181111941	H2AZ_Rep2_peak_3965	27
181135375	181135826	H2AZ_Rep2_peak_3967	31
182089149	182091669	H2AZ_Rep2_peak_3997	46
182204123	182206283	H2AZ_Rep2_peak_4001	14
182228424	182228798	H2AZ_Rep2_peak_4003	45
182557472	182558950	H2AZ_Rep2_peak_4015	217
182570048	182575166	H2AZ_Rep2_peak_4016	89
182584000	182587643	H2AZ_Rep2_peak_4019	56
182593698	182594021	H2AZ_Rep2_peak_4020	26
182648362	182650726	H2AZ_Rep2_peak_4027	43
182751162	182751825	H2AZ_Rep2_peak_4035	25
182757994	182759448	H2AZ_Rep2_peak_4036	241
182807871	182809277	H2AZ_Rep2_peak_4037	56
182931887	182932382	H2AZ_Rep2_peak_4038	96
182991175	182994150	H2AZ_Rep2_peak_4039	91
183128592	183129507	H2AZ_Rep2_peak_4041	32
183130759	183132677	H2AZ_Rep2_peak_4042	15
183178353	183179558	H2AZ_Rep2_peak_4045	34
183196022	183197812	H2AZ_Rep2_peak_4047	34
183203356	183204952	H2AZ_Rep2_peak_4049	137
183239575	183246056	H2AZ_Rep2_peak_4052	39
183247502	183253511	H2AZ_Rep2_peak_4053	161
183247502	183253511	H2AZ_Rep2_peak_4053	161
183423143	183423767	H2AZ_Rep2_peak_4063	31
183430113	183430742	H2AZ_Rep2_peak_4065	20

183439502	183442531	H2AZ_Rep2_peak_4066	140
183557887	183561448	H2AZ_Rep2_peak_4070	51
183578136	183578635	H2AZ_Rep2_peak_4071	40
183604308	183606153	H2AZ_Rep2_peak_4073	184
183839117	183840589	H2AZ_Rep2_peak_4074	16
183883559	183885243	H2AZ_Rep2_peak_4077	68
184019772	184021826	H2AZ_Rep2_peak_4081	162
184722786	184725831	H2AZ_Rep2_peak_4094	203
184759924	184762208	H2AZ_Rep2_peak_4097	108
184791952	184792658	H2AZ_Rep2_peak_4100	34
184970408	184970831	H2AZ_Rep2_peak_4103	32
184985949	184986687	H2AZ_Rep2_peak_4104	28
185013702	185015717	H2AZ_Rep2_peak_4105	61
185124865	185128470	H2AZ_Rep2_peak_4106	124
185139289	185139842	H2AZ_Rep2_peak_4107	72
185226596	185227537	H2AZ_Rep2_peak_4108	40
185285384	185288386	H2AZ_Rep2_peak_4109	79
185335240	185336498	H2AZ_Rep2_peak_4110	15
185343052	185346482	H2AZ_Rep2_peak_4111	23
185372973	185375691	H2AZ_Rep2_peak_4112	45
185389000	185389822	H2AZ_Rep2_peak_4113	16
185453051	185453658	H2AZ_Rep2_peak_4114	31
185702464	185705200	H2AZ_Rep2_peak_4125	107
185834083	185834718	H2AZ_Rep2_peak_4126	19
185903523	185904163	H2AZ_Rep2_peak_4129	27
186156862	186158950	H2AZ_Rep2_peak_4135	28
186343800	186345397	H2AZ_Rep2_peak_4140	116
186409533	186409927	H2AZ_Rep2_peak_4141	15
186450632	186451889	H2AZ_Rep2_peak_4142	11
186587099	186588212	H2AZ_Rep2_peak_4148	41
186589782	186590420	H2AZ_Rep2_peak_4149	11
186649060	186650686	H2AZ_Rep2_peak_4153	40
186679027	186681366	H2AZ_Rep2_peak_4155	17
186686102	186686833	H2AZ_Rep2_peak_4157	21
186797711	186799608	H2AZ_Rep2_peak_4162	88
186802998	186804250	H2AZ_Rep2_peak_4163	13
187239127	187239951	H2AZ_Rep2_peak_4166	65
188640141	188640525	H2AZ_Rep2_peak_4174	37
188658357	188658929	H2AZ_Rep2_peak_4175	29
188671645	188675624	H2AZ_Rep2_peak_4176	24
188677013	188677461	H2AZ_Rep2_peak_4177	36
188791245	188791853	H2AZ_Rep2_peak_4180	57
188873240	188873637	H2AZ_Rep2_peak_4183	43

188907124	188907502	H2AZ_Rep2_peak_4185	31
188955112	188956426	H2AZ_Rep2_peak_4189	24
192175132	192175676	H2AZ_Rep2_peak_4203	38
192445687	192446398	H2AZ_Rep2_peak_4204	144
192508474	192509056	H2AZ_Rep2_peak_4205	41
192702141	192702596	H2AZ_Rep2_peak_4208	21
192777087	192778675	H2AZ_Rep2_peak_4209	129
193027455	193030384	H2AZ_Rep2_peak_4210	116
193073192	193075274	H2AZ_Rep2_peak_4211	131
193079507	193082527	H2AZ_Rep2_peak_4212	98
193090402	193092035	H2AZ_Rep2_peak_4214	115
193387141	193388754	H2AZ_Rep2_peak_4216	38
193583894	193584518	H2AZ_Rep2_peak_4219	24
196149858	196151393	H2AZ_Rep2_peak_4237	29
196376057	196379231	H2AZ_Rep2_peak_4241	18
196619194	196621370	H2AZ_Rep2_peak_4247	19
196619194	196621370	H2AZ_Rep2_peak_4247	19
197110987	197112698	H2AZ_Rep2_peak_4251	20
197114288	197116910	H2AZ_Rep2_peak_4252	75
197169594	197171437	H2AZ_Rep2_peak_4253	137
197296854	197298167	H2AZ_Rep2_peak_4254	24
197304291	197305116	H2AZ_Rep2_peak_4255	30
197743621	197745666	H2AZ_Rep2_peak_4261	124
197767882	197768996	H2AZ_Rep2_peak_4263	53
197807109	197808391	H2AZ_Rep2_peak_4265	21
197870893	197872822	H2AZ_Rep2_peak_4266	219
197884419	197887071	H2AZ_Rep2_peak_4268	71
198057710	198058215	H2AZ_Rep2_peak_4274	55
198086635	198090448	H2AZ_Rep2_peak_4277	27
198092038	198092617	H2AZ_Rep2_peak_4278	33
198124209	198129085	H2AZ_Rep2_peak_4280	57
198466064	198468217	H2AZ_Rep2_peak_4286	30
198551855	198552362	H2AZ_Rep2_peak_4290	61
198624684	198627344	H2AZ_Rep2_peak_4292	78
198637044	198637930	H2AZ_Rep2_peak_4293	17
198641340	198642149	H2AZ_Rep2_peak_4294	16
198650437	198651425	H2AZ_Rep2_peak_4295	20
198906267	198906822	H2AZ_Rep2_peak_4298	30
198966388	198966855	H2AZ_Rep2_peak_4299	21
199242245	199243538	H2AZ_Rep2_peak_4305	25
199712051	199712733	H2AZ_Rep2_peak_4309	15
199727945	199728882	H2AZ_Rep2_peak_4311	80
199836737	199837862	H2AZ_Rep2_peak_4315	22



199900967	199901685	H2AZ_Rep2_peak_4319	33
199996533	199999156	H2AZ_Rep2_peak_4322	55
200226082	200226462	H2AZ_Rep2_peak_4330	23
200306014	200306721	H2AZ_Rep2_peak_4338	35
200320661	200321365	H2AZ_Rep2_peak_4339	30
200333463	200334150	H2AZ_Rep2_peak_4340	21
200378197	200379816	H2AZ_Rep2_peak_4341	162
200422391	200424135	H2AZ_Rep2_peak_4344	45
200457577	200458331	H2AZ_Rep2_peak_4345	45
200588847	200592418	H2AZ_Rep2_peak_4348	60
200606948	200610644	H2AZ_Rep2_peak_4350	20
200638654	200640734	H2AZ_Rep2_peak_4351	54
200669200	200669508	H2AZ_Rep2_peak_4353	20
200705562	200709510	H2AZ_Rep2_peak_4357	149
200859986	200860628	H2AZ_Rep2_peak_4358	18
200865709	200866498	H2AZ_Rep2_peak_4359	30
200989140	200995412	H2AZ_Rep2_peak_4361	23
200989140	200995412	H2AZ_Rep2_peak_4361	23
201083059	201083883	H2AZ_Rep2_peak_4369	131
201122700	201125134	H2AZ_Rep2_peak_4371	104
201139328	201142924	H2AZ_Rep2_peak_4373	88
201153431	201154881	H2AZ_Rep2_peak_4375	84
201191517	201192445	H2AZ_Rep2_peak_4380	45
201228312	201230466	H2AZ_Rep2_peak_4382	88
201237740	201238252	H2AZ_Rep2_peak_4384	41
201243755	201246520	H2AZ_Rep2_peak_4385	98
201268012	201274131	H2AZ_Rep2_peak_4388	88
201276153	201281358	H2AZ_Rep2_peak_4389	55
201276153	201281358	H2AZ_Rep2_peak_4389	55
201404608	201405742	H2AZ_Rep2_peak_4394	73
201417027	201420313	H2AZ_Rep2_peak_4396	67
201423543	201427078	H2AZ_Rep2_peak_4397	55
201429290	201432508	H2AZ_Rep2_peak_4398	78
201436875	201439020	H2AZ_Rep2_peak_4399	95
201445103	201445834	H2AZ_Rep2_peak_4400	23
201448305	201451577	H2AZ_Rep2_peak_4401	54
201475128	201477246	H2AZ_Rep2_peak_4402	95
201481102	201482376	H2AZ_Rep2_peak_4403	63
201504089	201505314	H2AZ_Rep2_peak_4405	20
201507429	201509101	H2AZ_Rep2_peak_4406	49
201528316	201528998	H2AZ_Rep2_peak_4409	70
201566593	201567904	H2AZ_Rep2_peak_4411	55
201619229	201619613	H2AZ_Rep2_peak_4418	17

201644236	201645791	H2AZ_Rep2_peak_4420	40
201672857	201674310	H2AZ_Rep2_peak_4422	37
201677317	201687859	H2AZ_Rep2_peak_4423	36
201677317	201687859	H2AZ_Rep2_peak_4423	36
201716733	201717855	H2AZ_Rep2_peak_4427	42
201720182	201720834	H2AZ_Rep2_peak_4428	33
201797780	201799041	H2AZ_Rep2_peak_4435	129
201857413	201858065	H2AZ_Rep2_peak_4437	51
201865204	201867446	H2AZ_Rep2_peak_4439	86
201885659	201887997	H2AZ_Rep2_peak_4440	103
201910376	201912850	H2AZ_Rep2_peak_4444	283
201923960	201925200	H2AZ_Rep2_peak_4445	186
201951225	201952867	H2AZ_Rep2_peak_4446	162
201978959	201980447	H2AZ_Rep2_peak_4448	45
201985233	201992658	H2AZ_Rep2_peak_4449	73
202003415	202004843	H2AZ_Rep2_peak_4451	106
202024064	202028021	H2AZ_Rep2_peak_4454	63
202043820	202047016	H2AZ_Rep2_peak_4458	48
202041253	202042100	H2AZ_Rep2_peak_4457	84
202053792	202057881	H2AZ_Rep2_peak_4460	30
202074675	202078359	H2AZ_Rep2_peak_4462	54
202081718	202083782	H2AZ_Rep2_peak_4463	68
202087140	202088340	H2AZ_Rep2_peak_4464	56
202090676	202092737	H2AZ_Rep2_peak_4465	42
202112248	202114828	H2AZ_Rep2_peak_4466	102
202123491	202125827	H2AZ_Rep2_peak_4467	51
202153927	202154903	H2AZ_Rep2_peak_4470	22
202166837	202170495	H2AZ_Rep2_peak_4472	130
202204575	202206472	H2AZ_Rep2_peak_4475	137
202310110	202312107	H2AZ_Rep2_peak_4480	73
202317294	202318823	H2AZ_Rep2_peak_4481	175
202568853	202569733	H2AZ_Rep2_peak_4483	50
202771305	202775596	H2AZ_Rep2_peak_4488	37
202776881	202777851	H2AZ_Rep2_peak_4489	94
202779490	202782030	H2AZ_Rep2_peak_4490	87
202821099	202821978	H2AZ_Rep2_peak_4495	172
202829835	202831474	H2AZ_Rep2_peak_4497	97
202856812	202858740	H2AZ_Rep2_peak_4499	110
202895121	202896893	H2AZ_Rep2_peak_4500	145
202926763	202929101	H2AZ_Rep2_peak_4501	78
202935123	202938696	H2AZ_Rep2_peak_4502	88
202968539	202969098	H2AZ_Rep2_peak_4504	26
202974722	202977200	H2AZ_Rep2_peak_4505	78

202994903	202996691	H2AZ_Rep2_peak_4506	104
203096972	203099000	H2AZ_Rep2_peak_4511	85
203120244	203121792	H2AZ_Rep2_peak_4512	16
203123106	203124947	H2AZ_Rep2_peak_4513	31
203236511	203244291	H2AZ_Rep2_peak_4516	59
203253903	203257030	H2AZ_Rep2_peak_4517	21
203272684	203275853	H2AZ_Rep2_peak_4519	128
203285527	203286822	H2AZ_Rep2_peak_4520	48
203295009	203297561	H2AZ_Rep2_peak_4523	234
203304954	203305444	H2AZ_Rep2_peak_4524	14
203448244	203451037	H2AZ_Rep2_peak_4534	104
203456173	203457485	H2AZ_Rep2_peak_4535	177
203481127	203483931	H2AZ_Rep2_peak_4538	91
203488524	203490797	H2AZ_Rep2_peak_4539	17
203494210	203496620	H2AZ_Rep2_peak_4540	40
203502868	203507534	H2AZ_Rep2_peak_4541	39
203513400	203519358	H2AZ_Rep2_peak_4542	19
203524383	203528348	H2AZ_Rep2_peak_4543	43
203574387	203576658	H2AZ_Rep2_peak_4545	20
203592601	203598990	H2AZ_Rep2_peak_4546	87
203661669	203662346	H2AZ_Rep2_peak_4548	65
203763951	203765612	H2AZ_Rep2_peak_4551	48
203829538	203831428	H2AZ_Rep2_peak_4552	103
203856651	203860576	H2AZ_Rep2_peak_4553	42
204009952	204012117	H2AZ_Rep2_peak_4561	36
204026336	204026943	H2AZ_Rep2_peak_4562	32
204042204	204044280	H2AZ_Rep2_peak_4565	100
204071181	204074038	H2AZ_Rep2_peak_4566	28
204121423	204123940	H2AZ_Rep2_peak_4568	36
204130994	204132107	H2AZ_Rep2_peak_4569	25
204167623	204168973	H2AZ_Rep2_peak_4572	61
204175430	204176986	H2AZ_Rep2_peak_4573	32
204289155	204290341	H2AZ_Rep2_peak_4576	33
204346138	204347996	H2AZ_Rep2_peak_4578	208
204380565	204381392	H2AZ_Rep2_peak_4579	23
204419856	204422257	H2AZ_Rep2_peak_4582	33
204461636	204464887	H2AZ_Rep2_peak_4583	143
204472486	204478647	H2AZ_Rep2_peak_4584	76
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204484854	204486170	H2AZ_Rep2_peak_4585	171
204775860	204776776	H2AZ_Rep2_peak_4595	69
205090522	205092452	H2AZ_Rep2_peak_4607	177
205110529	205111202	H2AZ_Rep2_peak_4609	13

205179554	205181909	H2AZ_Rep2_peak_4611	186
205196180	205199088	H2AZ_Rep2_peak_4613	98
205252901	205254543	H2AZ_Rep2_peak_4620	92
205255828	205257790	H2AZ_Rep2_peak_4621	34
205262674	205268421	H2AZ_Rep2_peak_4622	87
205262674	205268421	H2AZ_Rep2_peak_4622	87
205288469	205291489	H2AZ_Rep2_peak_4625	66
205309870	205310491	H2AZ_Rep2_peak_4629	34
205343257	205345436	H2AZ_Rep2_peak_4633	73
205409635	205411312	H2AZ_Rep2_peak_4637	70
205418537	205420012	H2AZ_Rep2_peak_4638	39
205445819	205447552	H2AZ_Rep2_peak_4640	46
205471906	205475270	H2AZ_Rep2_peak_4643	126
205497776	205498923	H2AZ_Rep2_peak_4644	32
205505397	205506550	H2AZ_Rep2_peak_4645	83
205512192	205514758	H2AZ_Rep2_peak_4646	103
205559522	205561762	H2AZ_Rep2_peak_4650	125
205600187	205602066	H2AZ_Rep2_peak_4651	49
205648189	205649938	H2AZ_Rep2_peak_4653	142
205718226	205720636	H2AZ_Rep2_peak_4656	216
205743956	205745834	H2AZ_Rep2_peak_4658	193
205780429	205783464	H2AZ_Rep2_peak_4659	139
205826826	205827789	H2AZ_Rep2_peak_4664	41
205894929	205895888	H2AZ_Rep2_peak_4668	18
205901706	205906443	H2AZ_Rep2_peak_4669	90
206212651	206213286	H2AZ_Rep2_peak_4672	12
206641488	206644755	H2AZ_Rep2_peak_4683	235
206663405	206663949	H2AZ_Rep2_peak_4684	33
206673404	206675896	H2AZ_Rep2_peak_4685	88
206677282	206682514	H2AZ_Rep2_peak_4686	29
206677282	206682514	H2AZ_Rep2_peak_4686	29
206685043	206689584	H2AZ_Rep2_peak_4687	48
206698100	206699853	H2AZ_Rep2_peak_4688	98
206785077	206786362	H2AZ_Rep2_peak_4690	208
206805959	206809483	H2AZ_Rep2_peak_4692	90
206856960	206859893	H2AZ_Rep2_peak_4698	57
206896325	206897810	H2AZ_Rep2_peak_4699	80
207068584	207070265	H2AZ_Rep2_peak_4707	26
207071671	207072501	H2AZ_Rep2_peak_4708	37
207082204	207083626	H2AZ_Rep2_peak_4709	98
207099927	207101330	H2AZ_Rep2_peak_4711	61
207128595	207129666	H2AZ_Rep2_peak_4714	40
207174670	207181219	H2AZ_Rep2_peak_4719	66

207174670	207181219	H2AZ_Rep2_peak_4719	66
207191121	207201243	H2AZ_Rep2_peak_4721	42
207191121	207201243	H2AZ_Rep2_peak_4721	42
207223830	207227200	H2AZ_Rep2_peak_4723	113
207257548	207259638	H2AZ_Rep2_peak_4724	19
207261187	207265326	H2AZ_Rep2_peak_4725	23
207325963	207326997	H2AZ_Rep2_peak_4728	126
207348214	207348639	H2AZ_Rep2_peak_4730	15
207377887	207379195	H2AZ_Rep2_peak_4731	22
207391630	207392478	H2AZ_Rep2_peak_4732	38
207395330	207397493	H2AZ_Rep2_peak_4733	38
207412678	207415217	H2AZ_Rep2_peak_4736	36
207417038	207418031	H2AZ_Rep2_peak_4737	31
207432217	207433774	H2AZ_Rep2_peak_4739	19
207455364	207456620	H2AZ_Rep2_peak_4740	23
207494280	207494721	H2AZ_Rep2_peak_4744	45
207871861	207872371	H2AZ_Rep2_peak_4755	20
207880550	207881706	H2AZ_Rep2_peak_4756	28
207910955	207912159	H2AZ_Rep2_peak_4758	52
207913799	207914446	H2AZ_Rep2_peak_4759	66
207924358	207926373	H2AZ_Rep2_peak_4760	75
208021466	208022064	H2AZ_Rep2_peak_4763	40
208041617	208044339	H2AZ_Rep2_peak_4764	116
208057682	208061373	H2AZ_Rep2_peak_4767	47
208063594	208064445	H2AZ_Rep2_peak_4768	46
208136286	208138896	H2AZ_Rep2_peak_4770	213
208356152	208359245	H2AZ_Rep2_peak_4776	27
208392622	208394270	H2AZ_Rep2_peak_4778	50
208416274	208418861	H2AZ_Rep2_peak_4779	76
209161785	209162764	H2AZ_Rep2_peak_4784	70
209380535	209381521	H2AZ_Rep2_peak_4788	13
209421664	209422870	H2AZ_Rep2_peak_4791	17
209437579	209442327	H2AZ_Rep2_peak_4792	32
209491922	209492984	H2AZ_Rep2_peak_4793	20
209542203	209542982	H2AZ_Rep2_peak_4799	57
209556304	209556790	H2AZ_Rep2_peak_4800	31
209568535	209569016	H2AZ_Rep2_peak_4802	51
209571404	209572628	H2AZ_Rep2_peak_4803	22
209607392	209608955	H2AZ_Rep2_peak_4808	20
209685968	209687208	H2AZ_Rep2_peak_4809	14
209824465	209829575	H2AZ_Rep2_peak_4815	40
209824465	209829575	H2AZ_Rep2_peak_4815	40
209830777	209831080	H2AZ_Rep2_peak_4816	18

209833285	209834651	H2AZ_Rep2_peak_4817	35
209843598	209844767	H2AZ_Rep2_peak_4819	83
209846432	209848147	H2AZ_Rep2_peak_4820	77
209861481	209862885	H2AZ_Rep2_peak_4821	20
209865652	209866456	H2AZ_Rep2_peak_4822	54
209920902	209923142	H2AZ_Rep2_peak_4824	25
209942876	209944013	H2AZ_Rep2_peak_4827	23
209957035	209958963	H2AZ_Rep2_peak_4828	235
209996012	209997563	H2AZ_Rep2_peak_4831	43
209999345	210001741	H2AZ_Rep2_peak_4832	126
210036108	210037699	H2AZ_Rep2_peak_4833	26
210056766	210057693	H2AZ_Rep2_peak_4835	15
210066163	210069956	H2AZ_Rep2_peak_4837	27
210066163	210069956	H2AZ_Rep2_peak_4837	27
210406580	210407719	H2AZ_Rep2_peak_4841	73
210501804	210503135	H2AZ_Rep2_peak_4843	107
210516744	210517142	H2AZ_Rep2_peak_4844	26
210770855	210771395	H2AZ_Rep2_peak_4851	30
211209332	211210373	H2AZ_Rep2_peak_4852	17
211249053	211249353	H2AZ_Rep2_peak_4854	18
211410171	211410471	H2AZ_Rep2_peak_4858	19
211430901	211434636	H2AZ_Rep2_peak_4860	113
211496631	211497174	H2AZ_Rep2_peak_4861	24
211498784	211502863	H2AZ_Rep2_peak_4862	161
211512652	211514819	H2AZ_Rep2_peak_4863	50
211555610	211556948	H2AZ_Rep2_peak_4864	98
211642936	211643923	H2AZ_Rep2_peak_4865	76
211683420	211692177	H2AZ_Rep2_peak_4873	78
211721633	211723179	H2AZ_Rep2_peak_4877	34
211724383	211725756	H2AZ_Rep2_peak_4878	38
211751035	211753475	H2AZ_Rep2_peak_4879	40
211765446	211766006	H2AZ_Rep2_peak_4881	36
211780404	211783749	H2AZ_Rep2_peak_4883	25
211785097	211787037	H2AZ_Rep2_peak_4884	212
211789861	211795468	H2AZ_Rep2_peak_4885	33
211800421	211808018	H2AZ_Rep2_peak_4886	41
211800421	211808018	H2AZ_Rep2_peak_4886	41
211809350	211813559	H2AZ_Rep2_peak_4887	38
211816540	211817590	H2AZ_Rep2_peak_4888	59
211847969	211849986	H2AZ_Rep2_peak_4890	185
211854366	211857628	H2AZ_Rep2_peak_4891	19
211869856	211872915	H2AZ_Rep2_peak_4893	27
211903800	211905415	H2AZ_Rep2_peak_4896	62

211908106	211910407	H2AZ_Rep2_peak_4897	101
212003019	212004706	H2AZ_Rep2_peak_4898	86
212097658	212098720	H2AZ_Rep2_peak_4908	34
212101781	212103602	H2AZ_Rep2_peak_4909	113
212207882	212209684	H2AZ_Rep2_peak_4910	102
212375762	212376412	H2AZ_Rep2_peak_4914	83
212406908	212408433	H2AZ_Rep2_peak_4916	30
212411563	212412974	H2AZ_Rep2_peak_4917	22
212434464	212435117	H2AZ_Rep2_peak_4919	35
212457281	212460261	H2AZ_Rep2_peak_4921	163
212586974	212590019	H2AZ_Rep2_peak_4922	107
212605538	212608280	H2AZ_Rep2_peak_4924	59
212643247	212644056	H2AZ_Rep2_peak_4927	50
212655207	212660274	H2AZ_Rep2_peak_4928	73
212661771	212662658	H2AZ_Rep2_peak_4929	19
212731302	212735266	H2AZ_Rep2_peak_4933	120
212731302	212735266	H2AZ_Rep2_peak_4933	120
212739348	212740877	H2AZ_Rep2_peak_4934	65
212753355	212754498	H2AZ_Rep2_peak_4935	59
212757007	212757885	H2AZ_Rep2_peak_4936	10
212780288	212783405	H2AZ_Rep2_peak_4938	47
212838227	212839211	H2AZ_Rep2_peak_4940	133
212872309	212873189	H2AZ_Rep2_peak_4943	63
212963889	212967069	H2AZ_Rep2_peak_4944	188
213030171	213032552	H2AZ_Rep2_peak_4947	123
213088424	213089824	H2AZ_Rep2_peak_4948	66
213122869	213124647	H2AZ_Rep2_peak_4950	46
213188188	213191324	H2AZ_Rep2_peak_4953	90
213223512	213225438	H2AZ_Rep2_peak_4954	252
214434665	214435427	H2AZ_Rep2_peak_4967	38
214453326	214456267	H2AZ_Rep2_peak_4968	78
214612736	214613101	H2AZ_Rep2_peak_4969	20
214724000	214727287	H2AZ_Rep2_peak_4970	167
214731247	214731761	H2AZ_Rep2_peak_4971	49
214774101	214777690	H2AZ_Rep2_peak_4973	57
214774101	214777690	H2AZ_Rep2_peak_4973	57
215129838	215131488	H2AZ_Rep2_peak_4976	76
215739135	215743630	H2AZ_Rep2_peak_4981	84
216394605	216395114	H2AZ_Rep2_peak_4982	89
216773669	216775021	H2AZ_Rep2_peak_4986	24
216843560	216844055	H2AZ_Rep2_peak_4987	24
217551446	217553227	H2AZ_Rep2_peak_4992	22
217803781	217805426	H2AZ_Rep2_peak_4994	130

218457606	218459404	H2AZ_Rep2_peak_4996	207
218518294	218519648	H2AZ_Rep2_peak_4997	93
218672180	218672583	H2AZ_Rep2_peak_5000	40
218702022	218703486	H2AZ_Rep2_peak_5002	21
218758914	218760680	H2AZ_Rep2_peak_5003	59
218837825	218838946	H2AZ_Rep2_peak_5005	33
218878953	218879829	H2AZ_Rep2_peak_5007	23
218883571	218886830	H2AZ_Rep2_peak_5008	58
219261885	219262505	H2AZ_Rep2_peak_5014	88
219346814	219348042	H2AZ_Rep2_peak_5016	29
219872124	219873617	H2AZ_Rep2_peak_5022	30
219944263	219944724	H2AZ_Rep2_peak_5024	18
220099624	220100333	H2AZ_Rep2_peak_5026	47
220219253	220221256	H2AZ_Rep2_peak_5028	125
220261970	220263957	H2AZ_Rep2_peak_5029	97
220266740	220268330	H2AZ_Rep2_peak_5030	84
220444998	220446575	H2AZ_Rep2_peak_5031	139
220473691	220475335	H2AZ_Rep2_peak_5034	30
220521101	220521664	H2AZ_Rep2_peak_5038	42
220543405	220544033	H2AZ_Rep2_peak_5039	49
220700534	220702904	H2AZ_Rep2_peak_5046	71
220853606	220855105	H2AZ_Rep2_peak_5047	30
220905756	220908522	H2AZ_Rep2_peak_5050	104
220919538	220922633	H2AZ_Rep2_peak_5051	139
220958926	220962463	H2AZ_Rep2_peak_5052	51
221052287	221053951	H2AZ_Rep2_peak_5054	67
221208365	221209791	H2AZ_Rep2_peak_5056	28
221219398	221220221	H2AZ_Rep2_peak_5057	23
221488644	221490750	H2AZ_Rep2_peak_5068	43
221508043	221511224	H2AZ_Rep2_peak_5069	31
221591853	221593411	H2AZ_Rep2_peak_5075	39
221609022	221609892	H2AZ_Rep2_peak_5077	19
221643447	221643884	H2AZ_Rep2_peak_5079	17
221651012	221651805	H2AZ_Rep2_peak_5080	26
221667722	221668543	H2AZ_Rep2_peak_5082	57
221891692	221892698	H2AZ_Rep2_peak_5089	23
221914519	221917389	H2AZ_Rep2_peak_5091	93
222000092	222000756	H2AZ_Rep2_peak_5096	40
222002812	222004991	H2AZ_Rep2_peak_5097	21
222012567	222015492	H2AZ_Rep2_peak_5098	76
222017876	222019794	H2AZ_Rep2_peak_5099	49
222023895	222024769	H2AZ_Rep2_peak_5100	47
222060005	222061995	H2AZ_Rep2_peak_5103	32



222133774	222136058	H2AZ_Rep2_peak_5106	18
222142393	222143005	H2AZ_Rep2_peak_5107	40
222628591	222629028	H2AZ_Rep2_peak_5119	42
222638317	222640725	H2AZ_Rep2_peak_5120	90
222720037	222722086	H2AZ_Rep2_peak_5122	37
222762401	222764149	H2AZ_Rep2_peak_5123	106
222790809	222792527	H2AZ_Rep2_peak_5124	53
222816825	222818481	H2AZ_Rep2_peak_5125	116
222884549	222887100	H2AZ_Rep2_peak_5126	105
222927657	222928993	H2AZ_Rep2_peak_5127	38
222987352	222989290	H2AZ_Rep2_peak_5129	130
223059851	223060736	H2AZ_Rep2_peak_5131	19
223082768	223083533	H2AZ_Rep2_peak_5132	74
223204595	223207867	H2AZ_Rep2_peak_5134	28
223306827	223307693	H2AZ_Rep2_peak_5136	22
223315682	223317265	H2AZ_Rep2_peak_5137	65
223406370	223407549	H2AZ_Rep2_peak_5138	58
223575466	223576765	H2AZ_Rep2_peak_5140	12
223886049	223889252	H2AZ_Rep2_peak_5143	67
223886049	223889252	H2AZ_Rep2_peak_5143	67
223894233	223896006	H2AZ_Rep2_peak_5144	48
223899159	223901028	H2AZ_Rep2_peak_5145	53
224032634	224034825	H2AZ_Rep2_peak_5148	47
224073417	224076527	H2AZ_Rep2_peak_5149	77
224228845	224229343	H2AZ_Rep2_peak_5151	61
224293086	224294754	H2AZ_Rep2_peak_5153	115
224301203	224302789	H2AZ_Rep2_peak_5154	69
224370005	224371681	H2AZ_Rep2_peak_5157	45
224392422	224393774	H2AZ_Rep2_peak_5158	49
224398925	224401899	H2AZ_Rep2_peak_5159	51
224516966	224518955	H2AZ_Rep2_peak_5160	132
224520755	224522421	H2AZ_Rep2_peak_5161	17
224544440	224545539	H2AZ_Rep2_peak_5162	76
224622481	224623989	H2AZ_Rep2_peak_5163	244
224644415	224645355	H2AZ_Rep2_peak_5164	80
224685450	224687281	H2AZ_Rep2_peak_5166	87
224690743	224692083	H2AZ_Rep2_peak_5167	160
224693889	224694687	H2AZ_Rep2_peak_5168	16
224722952	224723252	H2AZ_Rep2_peak_5171	21
224752231	224753805	H2AZ_Rep2_peak_5174	91
224919825	224922150	H2AZ_Rep2_peak_5181	23
225116901	225118453	H2AZ_Rep2_peak_5182	73
225553167	225554486	H2AZ_Rep2_peak_5183	19

225614487	225617259	H2AZ_Rep2_peak_5184	40
225632421	225633604	H2AZ_Rep2_peak_5185	64
225650919	225653637	H2AZ_Rep2_peak_5188	118
225654884	225655525	H2AZ_Rep2_peak_5189	22
225662081	225663426	H2AZ_Rep2_peak_5190	105
225839273	225840718	H2AZ_Rep2_peak_5191	22
225858548	225858977	H2AZ_Rep2_peak_5192	30
225887391	225889063	H2AZ_Rep2_peak_5194	79
225922957	225927985	H2AZ_Rep2_peak_5195	51
225934345	225934826	H2AZ_Rep2_peak_5196	128
225942717	225943356	H2AZ_Rep2_peak_5197	34
225959720	225960630	H2AZ_Rep2_peak_5200	32
225964784	225966078	H2AZ_Rep2_peak_5201	96
225996452	225998499	H2AZ_Rep2_peak_5202	54
226000871	226001686	H2AZ_Rep2_peak_5203	43
226005071	226006394	H2AZ_Rep2_peak_5204	75
226069543	226071203	H2AZ_Rep2_peak_5205	75
226084644	226086285	H2AZ_Rep2_peak_5207	132
226111203	226112663	H2AZ_Rep2_peak_5208	91
226186598	226187712	H2AZ_Rep2_peak_5211	47
226249010	226249770	H2AZ_Rep2_peak_5215	53
226270303	226271842	H2AZ_Rep2_peak_5216	130
226297068	226298873	H2AZ_Rep2_peak_5218	48
226308378	226313242	H2AZ_Rep2_peak_5219	56
226308378	226313242	H2AZ_Rep2_peak_5219	56
226315065	226316602	H2AZ_Rep2_peak_5220	109
226373480	226375129	H2AZ_Rep2_peak_5221	121
226495924	226498680	H2AZ_Rep2_peak_5223	94
226520670	226521485	H2AZ_Rep2_peak_5224	34
226594030	226596434	H2AZ_Rep2_peak_5225	46
226714546	226714999	H2AZ_Rep2_peak_5228	26
226813256	226814377	H2AZ_Rep2_peak_5229	43
226890602	226891710	H2AZ_Rep2_peak_5232	50
227001746	227003351	H2AZ_Rep2_peak_5237	64
227015512	227017138	H2AZ_Rep2_peak_5239	82
227057265	227059126	H2AZ_Rep2_peak_5241	88
227125590	227128994	H2AZ_Rep2_peak_5243	67
227504644	227506514	H2AZ_Rep2_peak_5245	29
227508947	227512123	H2AZ_Rep2_peak_5246	48
227543001	227546639	H2AZ_Rep2_peak_5247	56
227625202	227625647	H2AZ_Rep2_peak_5249	49
227719660	227720787	H2AZ_Rep2_peak_5252	40
227750628	227752208	H2AZ_Rep2_peak_5253	103

227922216	227924043	H2AZ_Rep2_peak_5254	82
227975186	227976741	H2AZ_Rep2_peak_5255	38
228073031	228073852	H2AZ_Rep2_peak_5257	98
228132848	228136494	H2AZ_Rep2_peak_5258	38
228149228	228149755	H2AZ_Rep2_peak_5259	24
228247510	228248649	H2AZ_Rep2_peak_5261	89
228269748	228270579	H2AZ_Rep2_peak_5262	58
228290219	228291550	H2AZ_Rep2_peak_5263	112
228296527	228298145	H2AZ_Rep2_peak_5264	109
228327236	228328278	H2AZ_Rep2_peak_5265	49
228400369	228401403	H2AZ_Rep2_peak_5270	36
228593987	228595191	H2AZ_Rep2_peak_5271	43
228644748	228647531	H2AZ_Rep2_peak_5272	48
228674085	228675409	H2AZ_Rep2_peak_5273	215
228692387	228693570	H2AZ_Rep2_peak_5275	22
228782484	228784077	H2AZ_Rep2_peak_5276	28
228870541	228871566	H2AZ_Rep2_peak_5277	56
228945366	228946924	H2AZ_Rep2_peak_5280	52
228966646	228967223	H2AZ_Rep2_peak_5281	35
228971911	228974303	H2AZ_Rep2_peak_5282	68
229100014	229100556	H2AZ_Rep2_peak_5284	22
229159269	229161014	H2AZ_Rep2_peak_5287	30
229253245	229255171	H2AZ_Rep2_peak_5292	113
229332864	229336320	H2AZ_Rep2_peak_5294	108
229344529	229346061	H2AZ_Rep2_peak_5295	40
229353373	229353828	H2AZ_Rep2_peak_5296	14
229356100	229357865	H2AZ_Rep2_peak_5297	65
229359131	229359617	H2AZ_Rep2_peak_5298	58
229363358	229368722	H2AZ_Rep2_peak_5300	76
229384670	229385043	H2AZ_Rep2_peak_5301	32
229388576	229389505	H2AZ_Rep2_peak_5302	73
229405621	229408159	H2AZ_Rep2_peak_5303	93
229476971	229480726	H2AZ_Rep2_peak_5304	60
229524672	229525601	H2AZ_Rep2_peak_5307	72
229546499	229547909	H2AZ_Rep2_peak_5308	25
229643307	229645442	H2AZ_Rep2_peak_5309	192
229693424	229695664	H2AZ_Rep2_peak_5310	59
229760512	229762679	H2AZ_Rep2_peak_5312	66
230202181	230205030	H2AZ_Rep2_peak_5316	69
230591118	230592664	H2AZ_Rep2_peak_5325	37
230594096	230596670	H2AZ_Rep2_peak_5326	25
230599511	230600878	H2AZ_Rep2_peak_5327	39
230631177	230632419	H2AZ_Rep2_peak_5328	47

230777621	230779007	H2AZ_Rep2_peak_5331	99
230843976	230845019	H2AZ_Rep2_peak_5332	56
230889156	230889875	H2AZ_Rep2_peak_5338	33
230960391	230962155	H2AZ_Rep2_peak_5341	42
230985363	230985803	H2AZ_Rep2_peak_5342	44
231003429	231005191	H2AZ_Rep2_peak_5343	84
231113457	231115754	H2AZ_Rep2_peak_5345	75
231346914	231347668	H2AZ_Rep2_peak_5348	82
231376261	231377958	H2AZ_Rep2_peak_5350	182
231472614	231474870	H2AZ_Rep2_peak_5351	187
231556389	231558686	H2AZ_Rep2_peak_5352	41
231662857	231664926	H2AZ_Rep2_peak_5355	144
231739352	231741385	H2AZ_Rep2_peak_5358	123
232765476	232766883	H2AZ_Rep2_peak_5366	49
232902791	232904674	H2AZ_Rep2_peak_5368	63
232929634	232929934	H2AZ_Rep2_peak_5369	17
233004746	233005225	H2AZ_Rep2_peak_5370	27
233073509	233074222	H2AZ_Rep2_peak_5372	36
233085092	233087320	H2AZ_Rep2_peak_5373	94
233247827	233250956	H2AZ_Rep2_peak_5374	40
233430612	233433022	H2AZ_Rep2_peak_5375	128
233462552	233464912	H2AZ_Rep2_peak_5377	84
233654270	233655079	H2AZ_Rep2_peak_5380	60
233656389	233657136	H2AZ_Rep2_peak_5381	81
233749076	233751451	H2AZ_Rep2_peak_5385	86
233771614	233772407	H2AZ_Rep2_peak_5386	52
234040040	234041194	H2AZ_Rep2_peak_5388	30
234249640	234251253	H2AZ_Rep2_peak_5391	86
234396292	234397081	H2AZ_Rep2_peak_5397	36
234445097	234446257	H2AZ_Rep2_peak_5399	124
234503486	234506021	H2AZ_Rep2_peak_5400	20
234508732	234510273	H2AZ_Rep2_peak_5401	135
234613634	234615894	H2AZ_Rep2_peak_5402	68
234630622	234631614	H2AZ_Rep2_peak_5403	62
234634543	234637644	H2AZ_Rep2_peak_5404	34
234643476	234646189	H2AZ_Rep2_peak_5406	56
234651024	234652938	H2AZ_Rep2_peak_5407	35
234656226	234658940	H2AZ_Rep2_peak_5408	41
234666955	234672065	H2AZ_Rep2_peak_5409	26
234679393	234680553	H2AZ_Rep2_peak_5410	32
234735312	234736633	H2AZ_Rep2_peak_5415	14
234746277	234749453	H2AZ_Rep2_peak_5416	23
234746277	234749453	H2AZ_Rep2_peak_5416	23

234791186	234795484	H2AZ_Rep2_peak_5420	48
234858714	234861579	H2AZ_Rep2_peak_5425	54
234896050	234897251	H2AZ_Rep2_peak_5428	41
234907641	234908420	H2AZ_Rep2_peak_5429	22
234987152	234988094	H2AZ_Rep2_peak_5431	29
235000897	235002659	H2AZ_Rep2_peak_5432	42
235034568	235037574	H2AZ_Rep2_peak_5435	43
235093335	235101416	H2AZ_Rep2_peak_5439	55
235093335	235101416	H2AZ_Rep2_peak_5439	55
235104975	235106966	H2AZ_Rep2_peak_5440	42
235116366	235117521	H2AZ_Rep2_peak_5443	43
235120049	235120362	H2AZ_Rep2_peak_5444	17
235122307	235123953	H2AZ_Rep2_peak_5445	112
235147505	235148282	H2AZ_Rep2_peak_5447	44
235183342	235185154	H2AZ_Rep2_peak_5449	37
235246424	235247621	H2AZ_Rep2_peak_5450	46
235267418	235267958	H2AZ_Rep2_peak_5452	28
235291644	235293122	H2AZ_Rep2_peak_5453	73
235324015	235325538	H2AZ_Rep2_peak_5454	196
235490134	235494084	H2AZ_Rep2_peak_5455	53
235529227	235531543	H2AZ_Rep2_peak_5457	99
235666376	235668887	H2AZ_Rep2_peak_5459	83
235694830	235697246	H2AZ_Rep2_peak_5461	39
235965605	235966269	H2AZ_Rep2_peak_5463	15
236029056	236031623	H2AZ_Rep2_peak_5464	137
236046467	236047197	H2AZ_Rep2_peak_5465	74
236066076	236067069	H2AZ_Rep2_peak_5467	74
236071822	236074499	H2AZ_Rep2_peak_5468	51
236080381	236081584	H2AZ_Rep2_peak_5469	55
236134685	236135874	H2AZ_Rep2_peak_5471	91
236161205	236163406	H2AZ_Rep2_peak_5473	83
236164848	236167701	H2AZ_Rep2_peak_5474	54
236444223	236445883	H2AZ_Rep2_peak_5492	45
236665905	236667159	H2AZ_Rep2_peak_5499	49
236767142	236769058	H2AZ_Rep2_peak_5501	161
236922625	236923152	H2AZ_Rep2_peak_5507	45
236957711	236960030	H2AZ_Rep2_peak_5508	199
237633778	237635812	H2AZ_Rep2_peak_5515	98
238026817	238028449	H2AZ_Rep2_peak_5517	138
238156327	238156644	H2AZ_Rep2_peak_5519	14
238648266	238650451	H2AZ_Rep2_peak_5525	63
238791281	238792088	H2AZ_Rep2_peak_5529	37
239853003	239853305	H2AZ_Rep2_peak_5540	21

239977670	239981251	H2AZ_Rep2_peak_5542	59
240286294	240287823	H2AZ_Rep2_peak_5553	26
240332628	240333490	H2AZ_Rep2_peak_5554	21
240443786	240444513	H2AZ_Rep2_peak_5557	48
240549734	240550573	H2AZ_Rep2_peak_5560	21
240661623	240662453	H2AZ_Rep2_peak_5565	17
240760144	240760781	H2AZ_Rep2_peak_5568	13
241681992	241683967	H2AZ_Rep2_peak_5580	35
241694405	241695518	H2AZ_Rep2_peak_5581	32
241802518	241806096	H2AZ_Rep2_peak_5583	94
241911201	241913376	H2AZ_Rep2_peak_5587	51
241945598	241945984	H2AZ_Rep2_peak_5589	32
241986978	241987829	H2AZ_Rep2_peak_5590	44
241999885	242003806	H2AZ_Rep2_peak_5591	18
242009974	242012733	H2AZ_Rep2_peak_5592	170
242107546	242108616	H2AZ_Rep2_peak_5594	32
242169184	242170792	H2AZ_Rep2_peak_5596	34
243416936	243419940	H2AZ_Rep2_peak_5603	139
243430753	243433463	H2AZ_Rep2_peak_5604	60
244014374	244014779	H2AZ_Rep2_peak_5607	42
244210792	244211611	H2AZ_Rep2_peak_5612	221
244326001	244328043	H2AZ_Rep2_peak_5615	30
244436859	244438649	H2AZ_Rep2_peak_5625	58
244453267	244453808	H2AZ_Rep2_peak_5627	32
244461316	244469302	H2AZ_Rep2_peak_5628	54
244485306	244487819	H2AZ_Rep2_peak_5629	60
244489026	244489826	H2AZ_Rep2_peak_5630	39
244504999	244505792	H2AZ_Rep2_peak_5631	44
244511424	244512837	H2AZ_Rep2_peak_5633	40
244515849	244517330	H2AZ_Rep2_peak_5634	80
244613893	244616201	H2AZ_Rep2_peak_5636	65
244762900	244764017	H2AZ_Rep2_peak_5637	30
244813356	244817401	H2AZ_Rep2_peak_5642	148
244903274	244903966	H2AZ_Rep2_peak_5643	30
244996095	244999789	H2AZ_Rep2_peak_5650	46
245027922	245028694	H2AZ_Rep2_peak_5651	166
245055722	245058176	H2AZ_Rep2_peak_5653	31
245060115	245061214	H2AZ_Rep2_peak_5654	16
245080497	245083406	H2AZ_Rep2_peak_5655	77
245126404	245128896	H2AZ_Rep2_peak_5658	28
245131838	245135628	H2AZ_Rep2_peak_5659	58
245254674	245255895	H2AZ_Rep2_peak_5660	50
246116950	246117909	H2AZ_Rep2_peak_5678	30

246669505	246671365	H2AZ_Rep2_peak_5682	205
246728720	246730978	H2AZ_Rep2_peak_5688	171
246771755	246772628	H2AZ_Rep2_peak_5689	106
246852883	246853728	H2AZ_Rep2_peak_5690	74
246861816	246864163	H2AZ_Rep2_peak_5691	56
246887081	246888322	H2AZ_Rep2_peak_5692	74
246957602	246958957	H2AZ_Rep2_peak_5697	62
247094314	247096210	H2AZ_Rep2_peak_5703	91
247170314	247171923	H2AZ_Rep2_peak_5704	91
247241037	247242974	H2AZ_Rep2_peak_5705	96
247266879	247268665	H2AZ_Rep2_peak_5706	99
247372747	247374226	H2AZ_Rep2_peak_5707	40
247493986	247496762	H2AZ_Rep2_peak_5709	83
247610998	247611963	H2AZ_Rep2_peak_5714	36
247634278	247635227	H2AZ_Rep2_peak_5717	21
248069677	248070452	H2AZ_Rep2_peak_5727	15
249119447	249121033	H2AZ_Rep2_peak_5736	196
249131325	249133693	H2AZ_Rep2_peak_5738	99
249151715	249154124	H2AZ_Rep2_peak_5739	217
249165980	249168383	H2AZ_Rep2_peak_5740	253
249199202	249201645	H2AZ_Rep2_peak_5742	137
180252	183168	H2AZ_Rep2_peak_5743	40
374010	376006	H2AZ_Rep2_peak_5744	100
739114	740008	H2AZ_Rep2_peak_5746	18
1016231	1017086	H2AZ_Rep2_peak_5748	74
1033439	1034344	H2AZ_Rep2_peak_5749	46
1101856	1103149	H2AZ_Rep2_peak_5750	51
1331777	1332641	H2AZ_Rep2_peak_5753	110
1401503	1402182	H2AZ_Rep2_peak_5755	56
1462822	1466034	H2AZ_Rep2_peak_5756	63
1507051	1508551	H2AZ_Rep2_peak_5758	34
1671797	1672282	H2AZ_Rep2_peak_5761	52
1757991	1759472	H2AZ_Rep2_peak_5764	102
1774927	1775451	H2AZ_Rep2_peak_5765	32
2161573	2162289	H2AZ_Rep2_peak_5774	18
2181912	2182223	H2AZ_Rep2_peak_5777	27
2179640	2180316	H2AZ_Rep2_peak_5776	30
2252126	2253911	H2AZ_Rep2_peak_5781	36
2262453	2263981	H2AZ_Rep2_peak_5783	20
2435293	2435938	H2AZ_Rep2_peak_5788	18
2517552	2519844	H2AZ_Rep2_peak_5793	20
2536668	2537837	H2AZ_Rep2_peak_5795	38
2592097	2592571	H2AZ_Rep2_peak_5798	36

2970233	2970547 H2AZ_Rep2_peak_5810	45
2984649	2985311 H2AZ_Rep2_peak_5812	22
2991942	2993164 H2AZ_Rep2_peak_5813	70
3027257	3031160 H2AZ_Rep2_peak_5816	85
3084849	3088689 H2AZ_Rep2_peak_5819	49
3084849	3088689 H2AZ_Rep2_peak_5819	49
3214302	3215673 H2AZ_Rep2_peak_5822	37
3239581	3240122 H2AZ_Rep2_peak_5823	59
3290892	3291432 H2AZ_Rep2_peak_5824	48
3468476	3470327 H2AZ_Rep2_peak_5825	71
3509299	3509909 H2AZ_Rep2_peak_5826	67
3709905	3711287 H2AZ_Rep2_peak_5836	44
3805121	3805672 H2AZ_Rep2_peak_5840	41
3846689	3854298 H2AZ_Rep2_peak_5841	29
3846689	3854298 H2AZ_Rep2_peak_5841	29
3867791	3868401 H2AZ_Rep2_peak_5842	53
3870169	3872228 H2AZ_Rep2_peak_5843	70
3892944	3895009 H2AZ_Rep2_peak_5844	43
4300215	4302944 H2AZ_Rep2_peak_5856	22
4305576	4306976 H2AZ_Rep2_peak_5857	66
4312326	4312666 H2AZ_Rep2_peak_5858	18
4321913	4324243 H2AZ_Rep2_peak_5859	32
4384250	4388232 H2AZ_Rep2_peak_5861	62
4396722	4397445 H2AZ_Rep2_peak_5862	72
4504643	4505356 H2AZ_Rep2_peak_5865	15
4583722	4584347 H2AZ_Rep2_peak_5869	44
4704042	4705751 H2AZ_Rep2_peak_5871	37
4719079	4721070 H2AZ_Rep2_peak_5872	50
4746130	4746634 H2AZ_Rep2_peak_5873	62
4775416	4776302 H2AZ_Rep2_peak_5874	52
4889649	4894702 H2AZ_Rep2_peak_5877	29
4981797	4985051 H2AZ_Rep2_peak_5878	27
5023598	5024524 H2AZ_Rep2_peak_5880	101
5061010	5063366 H2AZ_Rep2_peak_5881	27
5112733	5114407 H2AZ_Rep2_peak_5884	81
5120886	5121334 H2AZ_Rep2_peak_5885	83
5136580	5137514 H2AZ_Rep2_peak_5886	40
5333442	5334599 H2AZ_Rep2_peak_5889	105
5359325	5360249 H2AZ_Rep2_peak_5890	22
5446331	5447028 H2AZ_Rep2_peak_5891	22
5453997	5455545 H2AZ_Rep2_peak_5892	48
5507962	5509194 H2AZ_Rep2_peak_5894	101
5585021	5591520 H2AZ_Rep2_peak_5895	51



5595904	5596908 H2AZ_Rep2_peak_5896	46
5626946	5627960 H2AZ_Rep2_peak_5897	34
5651562	5656579 H2AZ_Rep2_peak_5899	54
5651562	5656579 H2AZ_Rep2_peak_5899	54
5707629	5709291 H2AZ_Rep2_peak_5901	140
5725723	5727687 H2AZ_Rep2_peak_5902	84
5854548	5856347 H2AZ_Rep2_peak_5903	31
5930375	5932874 H2AZ_Rep2_peak_5904	74
5986695	5988133 H2AZ_Rep2_peak_5905	17
5992521	5993436 H2AZ_Rep2_peak_5906	28
6018900	6020445 H2AZ_Rep2_peak_5908	67
6092005	6093347 H2AZ_Rep2_peak_5909	25
6166584	6166898 H2AZ_Rep2_peak_5913	39
6185659	6187412 H2AZ_Rep2_peak_5915	38
6205299	6206107 H2AZ_Rep2_peak_5916	27
6244387	6245461 H2AZ_Rep2_peak_5917	38
6316455	6318113 H2AZ_Rep2_peak_5919	58
6321603	6323440 H2AZ_Rep2_peak_5920	55
6443245	6444114 H2AZ_Rep2_peak_5922	50
6622622	6623956 H2AZ_Rep2_peak_5923	42
6763252	6764622 H2AZ_Rep2_peak_5924	20
6779157	6780777 H2AZ_Rep2_peak_5925	55
6821512	6824247 H2AZ_Rep2_peak_5926	48
7829464	7830935 H2AZ_Rep2_peak_5929	106
7859571	7861520 H2AZ_Rep2_peak_5930	153
8095189	8096269 H2AZ_Rep2_peak_5931	76
11652631	11654526 H2AZ_Rep2_peak_5935	69
11726772	11728068 H2AZ_Rep2_peak_5937	46
11779421	11780032 H2AZ_Rep2_peak_5938	35
11783800	11784889 H2AZ_Rep2_peak_5939	30
11835772	11837733 H2AZ_Rep2_peak_5940	76
11852282	11852674 H2AZ_Rep2_peak_5941	14
11855678	11856603 H2AZ_Rep2_peak_5942	49
11864919	11866066 H2AZ_Rep2_peak_5943	37
11916679	11919805 H2AZ_Rep2_peak_5944	39
11922443	11925581 H2AZ_Rep2_peak_5945	38
11928172	11929662 H2AZ_Rep2_peak_5946	48
11939931	11941233 H2AZ_Rep2_peak_5947	70
12083946	12085944 H2AZ_Rep2_peak_5948	42
12095403	12096151 H2AZ_Rep2_peak_5949	49
12109191	12111654 H2AZ_Rep2_peak_5950	22
12171078	12172436 H2AZ_Rep2_peak_5951	32
12236823	12238902 H2AZ_Rep2_peak_5952	83

12306238	12308005	H2AZ_Rep2_peak_5953	82
12371199	12371583	H2AZ_Rep2_peak_5954	36
12375263	12376804	H2AZ_Rep2_peak_5955	48
12391754	12392837	H2AZ_Rep2_peak_5956	73
12490594	12491399	H2AZ_Rep2_peak_5957	47
12751281	12752944	H2AZ_Rep2_peak_5959	22
12886768	12887479	H2AZ_Rep2_peak_5961	57
12991206	12991524	H2AZ_Rep2_peak_5962	31
13141041	13143143	H2AZ_Rep2_peak_5964	61
13202494	13204204	H2AZ_Rep2_peak_5965	105
13261778	13262324	H2AZ_Rep2_peak_5966	25
13341194	13341689	H2AZ_Rep2_peak_5967	42
13344066	13344866	H2AZ_Rep2_peak_5968	32
13388717	13389017	H2AZ_Rep2_peak_5969	28
13390380	13391762	H2AZ_Rep2_peak_5970	62
13424955	13425519	H2AZ_Rep2_peak_5971	28
13628525	13629913	H2AZ_Rep2_peak_5972	56
13908018	13908828	H2AZ_Rep2_peak_5973	25
14528847	14529285	H2AZ_Rep2_peak_5975	18
14541175	14541494	H2AZ_Rep2_peak_5976	24
14659256	14659644	H2AZ_Rep2_peak_5978	21
14693831	14698046	H2AZ_Rep2_peak_5979	30
14700267	14700707	H2AZ_Rep2_peak_5980	20
14754537	14756068	H2AZ_Rep2_peak_5982	86
14789254	14791827	H2AZ_Rep2_peak_5984	58
14821288	14822174	H2AZ_Rep2_peak_5985	23
14823725	14825362	H2AZ_Rep2_peak_5986	62
14879220	14880707	H2AZ_Rep2_peak_5987	107
14919974	14921728	H2AZ_Rep2_peak_5988	44
14995226	14997468	H2AZ_Rep2_peak_5989	54
15000989	15002316	H2AZ_Rep2_peak_5990	56
15125927	15127139	H2AZ_Rep2_peak_5991	40
15138530	15140054	H2AZ_Rep2_peak_5992	82
15209484	15211691	H2AZ_Rep2_peak_5994	48
15901618	15903158	H2AZ_Rep2_peak_5996	89
16478133	16479923	H2AZ_Rep2_peak_5997	58
16858658	16860331	H2AZ_Rep2_peak_5998	109
17067827	17068990	H2AZ_Rep2_peak_6000	28
17073951	17074275	H2AZ_Rep2_peak_6002	29
17157314	17157632	H2AZ_Rep2_peak_6004	38
17241405	17244728	H2AZ_Rep2_peak_6005	67
17257116	17259058	H2AZ_Rep2_peak_6006	24
17268747	17270067	H2AZ_Rep2_peak_6007	34

17390407	17391247	H2AZ_Rep2_peak_6010	39
17485937	17486642	H2AZ_Rep2_peak_6011	16
17494299	17496667	H2AZ_Rep2_peak_6012	24
17553107	17556642	H2AZ_Rep2_peak_6014	39
17569687	17570174	H2AZ_Rep2_peak_6015	43
17658988	17660172	H2AZ_Rep2_peak_6016	93
17685540	17686811	H2AZ_Rep2_peak_6017	161
18294316	18295837	H2AZ_Rep2_peak_6018	27
18446825	18448675	H2AZ_Rep2_peak_6019	47
18939969	18941294	H2AZ_Rep2_peak_6021	50
18947657	18948993	H2AZ_Rep2_peak_6022	61
21282270	21283016	H2AZ_Rep2_peak_6025	27
21497587	21497956	H2AZ_Rep2_peak_6027	43
21581733	21582769	H2AZ_Rep2_peak_6028	82
21651996	21652311	H2AZ_Rep2_peak_6030	32
21661694	21662401	H2AZ_Rep2_peak_6031	159
21784387	21786401	H2AZ_Rep2_peak_6033	80
21805374	21808102	H2AZ_Rep2_peak_6034	64
21813940	21816636	H2AZ_Rep2_peak_6035	113
21821701	21823691	H2AZ_Rep2_peak_6036	68
22291211	22293317	H2AZ_Rep2_peak_6037	47
22331470	22332097	H2AZ_Rep2_peak_6038	25
22516657	22520036	H2AZ_Rep2_peak_6039	49
22534455	22537085	H2AZ_Rep2_peak_6040	32
22540405	22541594	H2AZ_Rep2_peak_6041	77
22604656	22606206	H2AZ_Rep2_peak_6042	65
22609057	22611276	H2AZ_Rep2_peak_6043	24
22628857	22630698	H2AZ_Rep2_peak_6045	44
22726127	22726855	H2AZ_Rep2_peak_6046	40
23002493	23004443	H2AZ_Rep2_peak_6049	65
23605046	23607898	H2AZ_Rep2_peak_6053	73
23627176	23628663	H2AZ_Rep2_peak_6055	45
23630172	23630970	H2AZ_Rep2_peak_6056	16
23670320	23670720	H2AZ_Rep2_peak_6059	23
23673502	23673907	H2AZ_Rep2_peak_6060	37
23710306	23712118	H2AZ_Rep2_peak_6061	26
23727325	23727716	H2AZ_Rep2_peak_6063	70
23800812	23802043	H2AZ_Rep2_peak_6064	36
24746575	24747510	H2AZ_Rep2_peak_6066	53
24752326	24756212	H2AZ_Rep2_peak_6067	40
25010339	25014115	H2AZ_Rep2_peak_6069	28
25102880	25104152	H2AZ_Rep2_peak_6070	25
25109475	25110005	H2AZ_Rep2_peak_6071	53

25137633	25139371	H2AZ_Rep2_peak_6074	27
25162163	25162775	H2AZ_Rep2_peak_6075	32
25210072	25210520	H2AZ_Rep2_peak_6077	45
25240720	25242156	H2AZ_Rep2_peak_6079	36
25304741	25306493	H2AZ_Rep2_peak_6081	60
25350515	25352494	H2AZ_Rep2_peak_6083	59
25369678	25370684	H2AZ_Rep2_peak_6084	32
26774038	26775783	H2AZ_Rep2_peak_6085	62
26812957	26813300	H2AZ_Rep2_peak_6086	70
26985718	26987541	H2AZ_Rep2_peak_6088	69
27148571	27150854	H2AZ_Rep2_peak_6089	44
27158184	27158809	H2AZ_Rep2_peak_6090	31
27388786	27390202	H2AZ_Rep2_peak_6092	151
27442726	27445416	H2AZ_Rep2_peak_6093	34
27528816	27532596	H2AZ_Rep2_peak_6094	39
27540965	27541866	H2AZ_Rep2_peak_6095	197
27608649	27609270	H2AZ_Rep2_peak_6097	13
27672664	27673191	H2AZ_Rep2_peak_6099	18
27792385	27793722	H2AZ_Rep2_peak_6103	147
27964087	27964524	H2AZ_Rep2_peak_6107	66
28030878	28031997	H2AZ_Rep2_peak_6110	32
28287171	28288267	H2AZ_Rep2_peak_6112	35
28376560	28377507	H2AZ_Rep2_peak_6113	40
28466880	28467500	H2AZ_Rep2_peak_6114	65
28490523	28492234	H2AZ_Rep2_peak_6115	33
28591758	28592752	H2AZ_Rep2_peak_6116	53
28721191	28721593	H2AZ_Rep2_peak_6119	33
28820871	28823138	H2AZ_Rep2_peak_6120	46
28965834	28968354	H2AZ_Rep2_peak_6123	70
29273192	29274317	H2AZ_Rep2_peak_6126	36
29352896	29353820	H2AZ_Rep2_peak_6127	25
29393640	29395058	H2AZ_Rep2_peak_6128	32
29449348	29449783	H2AZ_Rep2_peak_6129	47
29488423	29489501	H2AZ_Rep2_peak_6130	30
29546019	29547182	H2AZ_Rep2_peak_6132	40
29697789	29699491	H2AZ_Rep2_peak_6134	176
30024400	30025864	H2AZ_Rep2_peak_6135	70
30071492	30072456	H2AZ_Rep2_peak_6137	18
30084068	30084608	H2AZ_Rep2_peak_6138	16
30091291	30094250	H2AZ_Rep2_peak_6139	24
30100115	30101671	H2AZ_Rep2_peak_6140	32
30109865	30110345	H2AZ_Rep2_peak_6141	43
30509125	30509445	H2AZ_Rep2_peak_6144	31

30637379	30639387	H2AZ_Rep2_peak_6145	73
30648485	30649113	H2AZ_Rep2_peak_6146	37
30681406	30681937	H2AZ_Rep2_peak_6148	41
30706464	30710367	H2AZ_Rep2_peak_6149	31
30711732	30712835	H2AZ_Rep2_peak_6150	37
30720468	30722599	H2AZ_Rep2_peak_6151	38
30831045	30832869	H2AZ_Rep2_peak_6153	53
30872429	30873543	H2AZ_Rep2_peak_6155	63
30984565	30985377	H2AZ_Rep2_peak_6156	37
30989463	30991039	H2AZ_Rep2_peak_6157	45
31273955	31275416	H2AZ_Rep2_peak_6160	15
31288253	31288779	H2AZ_Rep2_peak_6161	30
31300041	31300969	H2AZ_Rep2_peak_6163	58
31319926	31321791	H2AZ_Rep2_peak_6164	60
31372548	31373250	H2AZ_Rep2_peak_6167	42
31389898	31390487	H2AZ_Rep2_peak_6168	50
31606975	31608097	H2AZ_Rep2_peak_6169	90
31871748	31872464	H2AZ_Rep2_peak_6170	38
31891621	31893419	H2AZ_Rep2_peak_6171	74
31986042	31987008	H2AZ_Rep2_peak_6172	36
32028426	32029132	H2AZ_Rep2_peak_6173	13
32042970	32044647	H2AZ_Rep2_peak_6174	50
32048304	32050266	H2AZ_Rep2_peak_6175	78
32215987	32219298	H2AZ_Rep2_peak_6176	54
32250239	32251814	H2AZ_Rep2_peak_6178	41
32344596	32346104	H2AZ_Rep2_peak_6180	83
32428400	32428761	H2AZ_Rep2_peak_6182	29
32438129	32441948	H2AZ_Rep2_peak_6183	30
32486247	32486865	H2AZ_Rep2_peak_6186	20
32542464	32543095	H2AZ_Rep2_peak_6188	38
32545455	32545906	H2AZ_Rep2_peak_6189	50
32635575	32636757	H2AZ_Rep2_peak_6190	41
32667381	32669262	H2AZ_Rep2_peak_6191	42
32734668	32736552	H2AZ_Rep2_peak_6196	61
33284090	33284826	H2AZ_Rep2_peak_6200	27
33286934	33287365	H2AZ_Rep2_peak_6201	28
33298978	33299626	H2AZ_Rep2_peak_6203	20
33355553	33357521	H2AZ_Rep2_peak_6205	25
33422640	33423591	H2AZ_Rep2_peak_6207	20
33444378	33446715	H2AZ_Rep2_peak_6209	37
33561732	33562971	H2AZ_Rep2_peak_6212	34
33579344	33581257	H2AZ_Rep2_peak_6213	63
33622600	33625563	H2AZ_Rep2_peak_6214	70

33654207	33654823	H2AZ_Rep2_peak_6215	26
33949954	33951378	H2AZ_Rep2_peak_6217	45
34955340	34955705	H2AZ_Rep2_peak_6219	46
35283025	35284210	H2AZ_Rep2_peak_6223	33
35378504	35380439	H2AZ_Rep2_peak_6224	55
35415069	35415651	H2AZ_Rep2_peak_6225	67
35480574	35482115	H2AZ_Rep2_peak_6226	40
35484038	35485649	H2AZ_Rep2_peak_6227	33
35557685	35559190	H2AZ_Rep2_peak_6229	14
35595262	35596621	H2AZ_Rep2_peak_6230	89
35624518	35626411	H2AZ_Rep2_peak_6232	30
35736788	35738819	H2AZ_Rep2_peak_6233	34
35929975	35931890	H2AZ_Rep2_peak_6237	42
36084138	36084950	H2AZ_Rep2_peak_6240	39
36569749	36571186	H2AZ_Rep2_peak_6242	34
36828081	36828381	H2AZ_Rep2_peak_6245	19
37777637	37778662	H2AZ_Rep2_peak_6247	20
38145745	38147471	H2AZ_Rep2_peak_6248	89
38264643	38266167	H2AZ_Rep2_peak_6249	76
38299060	38300466	H2AZ_Rep2_peak_6250	71
38382608	38384148	H2AZ_Rep2_peak_6252	89
43047094	43049251	H2AZ_Rep2_peak_6266	244
43132769	43134527	H2AZ_Rep2_peak_6267	125
43264687	43266067	H2AZ_Rep2_peak_6270	110
43277079	43279022	H2AZ_Rep2_peak_6271	148
43368419	43368776	H2AZ_Rep2_peak_6272	64
43600589	43601246	H2AZ_Rep2_peak_6275	68
43633153	43634796	H2AZ_Rep2_peak_6276	118
43700235	43700997	H2AZ_Rep2_peak_6278	91
43781958	43783687	H2AZ_Rep2_peak_6281	67
43788183	43789062	H2AZ_Rep2_peak_6282	125
43834634	43836442	H2AZ_Rep2_peak_6286	43
43843338	43844160	H2AZ_Rep2_peak_6287	52
43849188	43852283	H2AZ_Rep2_peak_6288	37
43849188	43852283	H2AZ_Rep2_peak_6288	37
43904539	43905851	H2AZ_Rep2_peak_6290	28
43914168	43916817	H2AZ_Rep2_peak_6291	46
43931688	43933001	H2AZ_Rep2_peak_6292	51
43950166	43952016	H2AZ_Rep2_peak_6293	112
44069231	44070993	H2AZ_Rep2_peak_6294	121
44101352	44102853	H2AZ_Rep2_peak_6296	104
44118844	44119304	H2AZ_Rep2_peak_6297	29
44143593	44144860	H2AZ_Rep2_peak_6298	101

45453867	45455625 H2AZ_Rep2_peak_6310	56
45458725	45459803 H2AZ_Rep2_peak_6311	20
45470117	45470648 H2AZ_Rep2_peak_6313	35
45474405	45477826 H2AZ_Rep2_peak_6314	48
45869126	45872268 H2AZ_Rep2_peak_6319	99
45915858	45916406 H2AZ_Rep2_peak_6321	25
45921335	45921805 H2AZ_Rep2_peak_6322	42
46089387	46091969 H2AZ_Rep2_peak_6324	115
46167298	46169124 H2AZ_Rep2_peak_6325	133
46222143	46223606 H2AZ_Rep2_peak_6326	44
46951231	46952074 H2AZ_Rep2_peak_6327	165
46961903	46963011 H2AZ_Rep2_peak_6328	41
46980884	46984357 H2AZ_Rep2_peak_6332	55
46993807	47009835 H2AZ_Rep2_peak_6334	56
46993807	47009835 H2AZ_Rep2_peak_6334	56
47020343	47025167 H2AZ_Rep2_peak_6336	45
47049679	47051126 H2AZ_Rep2_peak_6340	75
47053588	47060348 H2AZ_Rep2_peak_6341	103
47078761	47082112 H2AZ_Rep2_peak_6344	44
47078761	47082112 H2AZ_Rep2_peak_6344	44
47594473	47594836 H2AZ_Rep2_peak_6353	37
47599168	47600520 H2AZ_Rep2_peak_6354	33
47627126	47627593 H2AZ_Rep2_peak_6355	42
47655371	47657597 H2AZ_Rep2_peak_6356	126
48317529	48318621 H2AZ_Rep2_peak_6359	43
48331422	48333254 H2AZ_Rep2_peak_6361	37
48334458	48337154 H2AZ_Rep2_peak_6362	94
48354146	48355733 H2AZ_Rep2_peak_6363	85
49514015	49515756 H2AZ_Rep2_peak_6374	80
49863484	49865109 H2AZ_Rep2_peak_6378	41
50746295	50749226 H2AZ_Rep2_peak_6390	157
50758164	50759520 H2AZ_Rep2_peak_6391	21
50776254	50782483 H2AZ_Rep2_peak_6392	22
50800555	50803708 H2AZ_Rep2_peak_6394	37
51488420	51489210 H2AZ_Rep2_peak_6403	230
51558070	51559876 H2AZ_Rep2_peak_6405	29
51561830	51565931 H2AZ_Rep2_peak_6406	79
51561830	51565931 H2AZ_Rep2_peak_6406	79
51827135	51828387 H2AZ_Rep2_peak_6408	33
52177454	52178647 H2AZ_Rep2_peak_6409	45
52190930	52191658 H2AZ_Rep2_peak_6410	28
52271098	52272797 H2AZ_Rep2_peak_6411	18
52345956	52346524 H2AZ_Rep2_peak_6412	151

52381616	52385842	H2AZ_Rep2_peak_6414	79
52418779	52420276	H2AZ_Rep2_peak_6416	55
52499156	52500662	H2AZ_Rep2_peak_6417	168
53442270	53443418	H2AZ_Rep2_peak_6420	34
53458871	53460508	H2AZ_Rep2_peak_6421	190
53992416	53992898	H2AZ_Rep2_peak_6423	39
54016709	54017406	H2AZ_Rep2_peak_6424	51
54068108	54068854	H2AZ_Rep2_peak_6425	14
54073260	54075412	H2AZ_Rep2_peak_6426	120
54077817	54078484	H2AZ_Rep2_peak_6427	48
54212353	54212765	H2AZ_Rep2_peak_6431	24
54463453	54464205	H2AZ_Rep2_peak_6436	52
54789555	54790957	H2AZ_Rep2_peak_6439	30
56229608	56230561	H2AZ_Rep2_peak_6444	34
56992296	56993545	H2AZ_Rep2_peak_6447	40
57204453	57205566	H2AZ_Rep2_peak_6450	31
57268882	57269641	H2AZ_Rep2_peak_6451	21
57999986	58001045	H2AZ_Rep2_peak_6455	30
58120081	58122019	H2AZ_Rep2_peak_6456	134
58364531	58365350	H2AZ_Rep2_peak_6458	56
58382241	58382992	H2AZ_Rep2_peak_6459	18
59023961	59024263	H2AZ_Rep2_peak_6465	29
59232934	59233538	H2AZ_Rep2_peak_6468	51
59742886	59743440	H2AZ_Rep2_peak_6472	28
59752537	59753291	H2AZ_Rep2_peak_6473	21
59783341	59784376	H2AZ_Rep2_peak_6474	13
60026736	60029664	H2AZ_Rep2_peak_6479	102
60082098	60083161	H2AZ_Rep2_peak_6480	23
60093996	60095874	H2AZ_Rep2_peak_6481	70
60144235	60145881	H2AZ_Rep2_peak_6482	120
60195027	60199721	H2AZ_Rep2_peak_6483	28
60234945	60235860	H2AZ_Rep2_peak_6485	41
60271935	60274252	H2AZ_Rep2_peak_6487	131
60515717	60516141	H2AZ_Rep2_peak_6488	12
60838895	60840060	H2AZ_Rep2_peak_6489	20
61368506	61369058	H2AZ_Rep2_peak_6491	76
61665082	61669392	H2AZ_Rep2_peak_6495	100
61725275	61727047	H2AZ_Rep2_peak_6497	41
61751011	61752718	H2AZ_Rep2_peak_6498	11
61899628	61901231	H2AZ_Rep2_peak_6499	85
62072570	62074091	H2AZ_Rep2_peak_6502	53
62206398	62207099	H2AZ_Rep2_peak_6503	35
62240504	62241138	H2AZ_Rep2_peak_6504	73



62536772	62538929	H2AZ_Rep2_peak_6508	38
62587639	62588001	H2AZ_Rep2_peak_6509	18
62702674	62704816	H2AZ_Rep2_peak_6510	94
62760793	62761624	H2AZ_Rep2_peak_6511	29
62924107	62924674	H2AZ_Rep2_peak_6513	21
63157419	63157948	H2AZ_Rep2_peak_6514	25
63514117	63517877	H2AZ_Rep2_peak_6518	22
63520461	63523740	H2AZ_Rep2_peak_6519	15
63544679	63547489	H2AZ_Rep2_peak_6522	47
63589900	63592920	H2AZ_Rep2_peak_6523	42
63594660	63595904	H2AZ_Rep2_peak_6524	55
63657196	63663739	H2AZ_Rep2_peak_6525	49
63657196	63663739	H2AZ_Rep2_peak_6525	49
64027708	64029226	H2AZ_Rep2_peak_6527	145
64133667	64134097	H2AZ_Rep2_peak_6529	25
64214450	64215071	H2AZ_Rep2_peak_6530	74
64529241	64529551	H2AZ_Rep2_peak_6536	17
64563180	64565609	H2AZ_Rep2_peak_6538	158
64575602	64577971	H2AZ_Rep2_peak_6539	103
64873882	64876197	H2AZ_Rep2_peak_6542	28
64873882	64876197	H2AZ_Rep2_peak_6542	28
64892035	64894359	H2AZ_Rep2_peak_6544	129
65224549	65226316	H2AZ_Rep2_peak_6546	103
65280384	65282180	H2AZ_Rep2_peak_6547	95
65387582	65391458	H2AZ_Rep2_peak_6549	82
65432270	65432658	H2AZ_Rep2_peak_6550	40
65458180	65460748	H2AZ_Rep2_peak_6551	38
65462830	65464080	H2AZ_Rep2_peak_6552	42
65470383	65473866	H2AZ_Rep2_peak_6553	20
65558653	65559719	H2AZ_Rep2_peak_6558	61
67329959	67330875	H2AZ_Rep2_peak_6568	31
68558837	68559775	H2AZ_Rep2_peak_6572	33
69522972	69524881	H2AZ_Rep2_peak_6576	102
69541165	69545131	H2AZ_Rep2_peak_6578	22
69550372	69553319	H2AZ_Rep2_peak_6579	24
69550372	69553319	H2AZ_Rep2_peak_6579	24
69597569	69599236	H2AZ_Rep2_peak_6581	19
69608846	69609957	H2AZ_Rep2_peak_6582	90
69613240	69615381	H2AZ_Rep2_peak_6583	27
69643553	69645034	H2AZ_Rep2_peak_6585	152
69834675	69835799	H2AZ_Rep2_peak_6586	85
69840635	69840985	H2AZ_Rep2_peak_6587	19
69843241	69843988	H2AZ_Rep2_peak_6588	12

69990380	69992081	H2AZ_Rep2_peak_6590	124
70087822	70088502	H2AZ_Rep2_peak_6593	15
70089983	70092791	H2AZ_Rep2_peak_6594	46
70166023	70167607	H2AZ_Rep2_peak_6595	113
70230654	70232714	H2AZ_Rep2_peak_6596	137
70286434	70287778	H2AZ_Rep2_peak_6597	108
70377422	70378081	H2AZ_Rep2_peak_6603	23
70391390	70391975	H2AZ_Rep2_peak_6604	57
70478959	70481806	H2AZ_Rep2_peak_6607	55
70586488	70588417	H2AZ_Rep2_peak_6609	103
70659631	70661836	H2AZ_Rep2_peak_6611	188
70714960	70716998	H2AZ_Rep2_peak_6612	153
70746991	70749548	H2AZ_Rep2_peak_6613	125
70815929	70818087	H2AZ_Rep2_peak_6615	31
70820870	70823111	H2AZ_Rep2_peak_6616	230
70844155	70846199	H2AZ_Rep2_peak_6618	86
70852728	70853566	H2AZ_Rep2_peak_6619	30
70881606	70885055	H2AZ_Rep2_peak_6620	63
70938881	70940964	H2AZ_Rep2_peak_6621	140
70981191	70983118	H2AZ_Rep2_peak_6623	57
70984580	70986034	H2AZ_Rep2_peak_6624	52
70991900	70993065	H2AZ_Rep2_peak_6626	34
71040972	71042151	H2AZ_Rep2_peak_6628	16
71055082	71056490	H2AZ_Rep2_peak_6629	14
71075449	71079044	H2AZ_Rep2_peak_6630	79
71151895	71152873	H2AZ_Rep2_peak_6633	42
71167715	71171239	H2AZ_Rep2_peak_6634	39
71197890	71200400	H2AZ_Rep2_peak_6641	100
71204831	71212092	H2AZ_Rep2_peak_6642	70
71204831	71212092	H2AZ_Rep2_peak_6642	70
71216571	71218821	H2AZ_Rep2_peak_6643	55
71267453	71267871	H2AZ_Rep2_peak_6645	44
71388415	71390695	H2AZ_Rep2_peak_6647	85
71481551	71482055	H2AZ_Rep2_peak_6650	21
71487479	71490226	H2AZ_Rep2_peak_6651	51
71529005	71532111	H2AZ_Rep2_peak_6655	32
71560712	71562196	H2AZ_Rep2_peak_6656	82
71605658	71607230	H2AZ_Rep2_peak_6659	29
71628864	71630800	H2AZ_Rep2_peak_6661	38
71891471	71893333	H2AZ_Rep2_peak_6667	86
71904073	71907047	H2AZ_Rep2_peak_6668	93
71929594	71931854	H2AZ_Rep2_peak_6669	50
71933579	71934920	H2AZ_Rep2_peak_6670	194

71945205	71946281	H2AZ_Rep2_peak_6671	107
71949814	71952736	H2AZ_Rep2_peak_6672	27
71992060	71993959	H2AZ_Rep2_peak_6673	110
72016118	72019882	H2AZ_Rep2_peak_6675	35
72032048	72032744	H2AZ_Rep2_peak_6677	25
72055597	72057009	H2AZ_Rep2_peak_6678	80
72123290	72124708	H2AZ_Rep2_peak_6680	71
72141881	72143390	H2AZ_Rep2_peak_6681	116
72147058	72147536	H2AZ_Rep2_peak_6682	156
72162555	72165427	H2AZ_Rep2_peak_6684	42
72288206	72288914	H2AZ_Rep2_peak_6690	86
72519270	72519904	H2AZ_Rep2_peak_6696	49
72574507	72576754	H2AZ_Rep2_peak_6699	40
72647625	72649255	H2AZ_Rep2_peak_6700	101
72684574	72686450	H2AZ_Rep2_peak_6702	16
72968603	72968906	H2AZ_Rep2_peak_6705	21
72970487	72973320	H2AZ_Rep2_peak_6706	83
73006405	73007293	H2AZ_Rep2_peak_6709	35
73015455	73016573	H2AZ_Rep2_peak_6711	100
73019322	73021510	H2AZ_Rep2_peak_6712	58
73078691	73079903	H2AZ_Rep2_peak_6714	133
73099108	73100417	H2AZ_Rep2_peak_6716	44
73136744	73137813	H2AZ_Rep2_peak_6717	147
73372947	73373895	H2AZ_Rep2_peak_6725	62
73451649	73453113	H2AZ_Rep2_peak_6728	47
73486285	73489286	H2AZ_Rep2_peak_6731	46
73524714	73528134	H2AZ_Rep2_peak_6734	31
73532587	73534371	H2AZ_Rep2_peak_6735	138
73610395	73612343	H2AZ_Rep2_peak_6736	37
73619733	73621067	H2AZ_Rep2_peak_6738	46
73627659	73628325	H2AZ_Rep2_peak_6740	57
73647672	73649563	H2AZ_Rep2_peak_6744	104
73716036	73716656	H2AZ_Rep2_peak_6746	52
73724086	73725802	H2AZ_Rep2_peak_6747	85
73733568	73736430	H2AZ_Rep2_peak_6748	78
73786483	73788741	H2AZ_Rep2_peak_6750	77
73803260	73804424	H2AZ_Rep2_peak_6752	20
73807783	73808497	H2AZ_Rep2_peak_6753	20
73848684	73850309	H2AZ_Rep2_peak_6755	22
73975304	73977551	H2AZ_Rep2_peak_6758	81
74000844	74006284	H2AZ_Rep2_peak_6759	37
74008109	74009094	H2AZ_Rep2_peak_6760	141
74010446	74010828	H2AZ_Rep2_peak_6761	37

74012841	74016262 H2AZ_Rep2_peak_6762	146
74018371	74021298 H2AZ_Rep2_peak_6763	26
74023568	74026140 H2AZ_Rep2_peak_6764	36
74057289	74059169 H2AZ_Rep2_peak_6768	79
74067600	74070883 H2AZ_Rep2_peak_6770	71
74074730	74077163 H2AZ_Rep2_peak_6771	40
74078787	74082104 H2AZ_Rep2_peak_6772	28
74084598	74085399 H2AZ_Rep2_peak_6773	32
74087628	74088646 H2AZ_Rep2_peak_6774	73
74091075	74091708 H2AZ_Rep2_peak_6775	31
74113571	74115577 H2AZ_Rep2_peak_6776	110
74123744	74124642 H2AZ_Rep2_peak_6777	85
74384208	74387527 H2AZ_Rep2_peak_6778	90
74442397	74442933 H2AZ_Rep2_peak_6781	62
74447150	74448003 H2AZ_Rep2_peak_6782	24
74449312	74453210 H2AZ_Rep2_peak_6783	45
74855518	74857451 H2AZ_Rep2_peak_6789	61
74870217	74871306 H2AZ_Rep2_peak_6790	35
74927242	74928771 H2AZ_Rep2_peak_6791	115
75006356	75007784 H2AZ_Rep2_peak_6792	26
75011618	75013238 H2AZ_Rep2_peak_6793	107
75117284	75119176 H2AZ_Rep2_peak_6798	77
75172725	75174893 H2AZ_Rep2_peak_6799	114
75253694	75256908 H2AZ_Rep2_peak_6800	68
75350898	75351632 H2AZ_Rep2_peak_6801	60
75384713	75386512 H2AZ_Rep2_peak_6803	225
75403943	75405424 H2AZ_Rep2_peak_6805	26
75489454	75490916 H2AZ_Rep2_peak_6809	76
75503272	75504732 H2AZ_Rep2_peak_6810	118
75531511	75533570 H2AZ_Rep2_peak_6811	60
75540999	75542377 H2AZ_Rep2_peak_6812	92
75544767	75546445 H2AZ_Rep2_peak_6813	81
75570457	75571552 H2AZ_Rep2_peak_6814	66
75633937	75635156 H2AZ_Rep2_peak_6816	82
75638027	75640205 H2AZ_Rep2_peak_6817	54
75646267	75655307 H2AZ_Rep2_peak_6818	51
75646267	75655307 H2AZ_Rep2_peak_6818	51
75658658	75659729 H2AZ_Rep2_peak_6819	112
75664430	75669613 H2AZ_Rep2_peak_6820	41
75690912	75694026 H2AZ_Rep2_peak_6823	69
75695291	75698556 H2AZ_Rep2_peak_6824	59
75700315	75702009 H2AZ_Rep2_peak_6825	143
75716328	75717226 H2AZ_Rep2_peak_6826	74

75719445	75720621	H2AZ_Rep2_peak_6827	16
75725248	75729709	H2AZ_Rep2_peak_6828	59
75754679	75755489	H2AZ_Rep2_peak_6830	14
75757093	75759163	H2AZ_Rep2_peak_6831	72
75909969	75912138	H2AZ_Rep2_peak_6832	148
75935435	75937342	H2AZ_Rep2_peak_6833	151
76525575	76526814	H2AZ_Rep2_peak_6837	39
76583774	76587253	H2AZ_Rep2_peak_6840	71
76859580	76860791	H2AZ_Rep2_peak_6845	21
76867937	76872346	H2AZ_Rep2_peak_6847	66
76867937	76872346	H2AZ_Rep2_peak_6847	66
76947693	76948243	H2AZ_Rep2_peak_6848	56
76951293	76955656	H2AZ_Rep2_peak_6849	37
76951293	76955656	H2AZ_Rep2_peak_6849	37
76961413	76964988	H2AZ_Rep2_peak_6850	67
76967523	76970878	H2AZ_Rep2_peak_6851	69
76993582	76996473	H2AZ_Rep2_peak_6852	72
77052391	77055547	H2AZ_Rep2_peak_6857	61
77118272	77119142	H2AZ_Rep2_peak_6858	81
77159765	77163935	H2AZ_Rep2_peak_6859	118
77168935	77170015	H2AZ_Rep2_peak_6860	57
77188044	77193045	H2AZ_Rep2_peak_6861	60
77188044	77193045	H2AZ_Rep2_peak_6861	60
77228274	77229546	H2AZ_Rep2_peak_6863	30
77531414	77532435	H2AZ_Rep2_peak_6864	16
78306867	78307532	H2AZ_Rep2_peak_6867	11
79291078	79291906	H2AZ_Rep2_peak_6874	69
79342304	79342998	H2AZ_Rep2_peak_6877	25
79346602	79348722	H2AZ_Rep2_peak_6878	33
79685451	79687668	H2AZ_Rep2_peak_6886	48
79699324	79701427	H2AZ_Rep2_peak_6887	22
79702708	79706176	H2AZ_Rep2_peak_6888	57
79702708	79706176	H2AZ_Rep2_peak_6888	57
79708470	79709724	H2AZ_Rep2_peak_6889	89
79731063	79731704	H2AZ_Rep2_peak_6892	35
79788557	79790253	H2AZ_Rep2_peak_6893	125
79793032	79793995	H2AZ_Rep2_peak_6894	82
79894202	79894915	H2AZ_Rep2_peak_6897	33
80013658	80016312	H2AZ_Rep2_peak_6898	71
80061298	80063784	H2AZ_Rep2_peak_6900	153
80205727	80207388	H2AZ_Rep2_peak_6904	27
80516312	80518061	H2AZ_Rep2_peak_6906	54
80685111	80686148	H2AZ_Rep2_peak_6909	13

80724425	80726717	H2AZ_Rep2_peak_6910	69
80731643	80735117	H2AZ_Rep2_peak_6911	74
80736968	80738230	H2AZ_Rep2_peak_6912	82
80807360	80808200	H2AZ_Rep2_peak_6914	41
80810357	80811551	H2AZ_Rep2_peak_6915	29
80827206	80830748	H2AZ_Rep2_peak_6916	73
81001876	81002674	H2AZ_Rep2_peak_6920	19
81077310	81078698	H2AZ_Rep2_peak_6921	44
81080576	81082757	H2AZ_Rep2_peak_6922	30
81088286	81089567	H2AZ_Rep2_peak_6923	72
81106310	81107944	H2AZ_Rep2_peak_6924	65
81139858	81140790	H2AZ_Rep2_peak_6926	27
81203766	81206099	H2AZ_Rep2_peak_6927	50
81208404	81210250	H2AZ_Rep2_peak_6928	41
81247619	81249045	H2AZ_Rep2_peak_6930	66
81837750	81839594	H2AZ_Rep2_peak_6938	153
81903806	81904184	H2AZ_Rep2_peak_6939	24
81963161	81968326	H2AZ_Rep2_peak_6941	52
82040528	82042151	H2AZ_Rep2_peak_6942	13
82166876	82171253	H2AZ_Rep2_peak_6944	104
82189122	82189954	H2AZ_Rep2_peak_6945	58
82202468	82204519	H2AZ_Rep2_peak_6946	43
82213164	82215244	H2AZ_Rep2_peak_6947	71
82257284	82259894	H2AZ_Rep2_peak_6950	22
85105957	85106522	H2AZ_Rep2_peak_6959	24
85132857	85133545	H2AZ_Rep2_peak_6961	20
85268053	85268459	H2AZ_Rep2_peak_6963	21
85305737	85306260	H2AZ_Rep2_peak_6966	32
85338607	85341537	H2AZ_Rep2_peak_6967	17
85363678	85364006	H2AZ_Rep2_peak_6968	18
85370811	85372241	H2AZ_Rep2_peak_6970	51
85426411	85426871	H2AZ_Rep2_peak_6973	21
85437590	85438261	H2AZ_Rep2_peak_6974	21
85451377	85453090	H2AZ_Rep2_peak_6976	45
85608099	85609897	H2AZ_Rep2_peak_6981	67
85630276	85631773	H2AZ_Rep2_peak_6983	41
85898399	85900054	H2AZ_Rep2_peak_6987	123
86087348	86089234	H2AZ_Rep2_peak_6994	116
86299709	86302318	H2AZ_Rep2_peak_6996	34
87401145	87403938	H2AZ_Rep2_peak_6998	18
88078030	88078421	H2AZ_Rep2_peak_7004	36
88104479	88107684	H2AZ_Rep2_peak_7005	64
88159340	88162594	H2AZ_Rep2_peak_7007	115

88280710	88282410	H2AZ_Rep2_peak_7009	106
88293375	88295769	H2AZ_Rep2_peak_7010	219
88344595	88346127	H2AZ_Rep2_peak_7012	29
88351666	88354706	H2AZ_Rep2_peak_7013	47
88406080	88413891	H2AZ_Rep2_peak_7014	66
88406080	88413891	H2AZ_Rep2_peak_7014	66
88427434	88428808	H2AZ_Rep2_peak_7016	57
88470143	88472341	H2AZ_Rep2_peak_7020	161
88515096	88517553	H2AZ_Rep2_peak_7023	51
88699273	88700717	H2AZ_Rep2_peak_7024	98
88704178	88706410	H2AZ_Rep2_peak_7025	52
88717853	88721816	H2AZ_Rep2_peak_7027	65
88725694	88727330	H2AZ_Rep2_peak_7028	61
88729358	88732244	H2AZ_Rep2_peak_7029	50
88739571	88741006	H2AZ_Rep2_peak_7031	53
88785165	88786340	H2AZ_Rep2_peak_7033	17
88854224	88856191	H2AZ_Rep2_peak_7034	71
89142689	89143142	H2AZ_Rep2_peak_7035	48
89263926	89265928	H2AZ_Rep2_peak_7036	167
89395379	89396240	H2AZ_Rep2_peak_7040	61
89417143	89420574	H2AZ_Rep2_peak_7041	77
89435412	89436160	H2AZ_Rep2_peak_7042	26
89576986	89578955	H2AZ_Rep2_peak_7043	150
89602930	89604078	H2AZ_Rep2_peak_7044	20
89610502	89612213	H2AZ_Rep2_peak_7045	40
89620068	89623110	H2AZ_Rep2_peak_7046	123
89822184	89823187	H2AZ_Rep2_peak_7048	60
89912127	89914629	H2AZ_Rep2_peak_7051	48
89916111	89919238	H2AZ_Rep2_peak_7052	41
90145353	90146589	H2AZ_Rep2_peak_7057	28
90320403	90320825	H2AZ_Rep2_peak_7060	49
90495149	90496111	H2AZ_Rep2_peak_7066	35
90519398	90520018	H2AZ_Rep2_peak_7067	24
90552538	90554072	H2AZ_Rep2_peak_7069	23
90565599	90565960	H2AZ_Rep2_peak_7070	44
90594839	90595265	H2AZ_Rep2_peak_7072	13
90611457	90611871	H2AZ_Rep2_peak_7073	18
90637342	90640922	H2AZ_Rep2_peak_7074	52
90694715	90695632	H2AZ_Rep2_peak_7076	42
90734236	90735543	H2AZ_Rep2_peak_7077	97
90749220	90751903	H2AZ_Rep2_peak_7078	109
90792275	90792735	H2AZ_Rep2_peak_7079	35
90845919	90846736	H2AZ_Rep2_peak_7083	14

90902404	90903526	H2AZ_Rep2_peak_7085	18
91010899	91012557	H2AZ_Rep2_peak_7088	171
91020141	91022075	H2AZ_Rep2_peak_7089	66
91023346	91023683	H2AZ_Rep2_peak_7090	26
91043042	91045301	H2AZ_Rep2_peak_7092	65
91056157	91057861	H2AZ_Rep2_peak_7093	19
91060682	91063341	H2AZ_Rep2_peak_7094	100
91086627	91088426	H2AZ_Rep2_peak_7095	62
91110712	91114259	H2AZ_Rep2_peak_7097	36
91134000	91134599	H2AZ_Rep2_peak_7098	52
91151686	91153376	H2AZ_Rep2_peak_7099	36
91173531	91175309	H2AZ_Rep2_peak_7100	127
91204445	91205244	H2AZ_Rep2_peak_7101	64
91218049	91218529	H2AZ_Rep2_peak_7102	17
91403291	91406140	H2AZ_Rep2_peak_7106	130
91459461	91463243	H2AZ_Rep2_peak_7107	118
91605751	91606305	H2AZ_Rep2_peak_7109	20
91620388	91621671	H2AZ_Rep2_peak_7110	25
92617489	92619350	H2AZ_Rep2_peak_7114	25
92631046	92632423	H2AZ_Rep2_peak_7115	108
92677079	92677479	H2AZ_Rep2_peak_7116	34
92689266	92691509	H2AZ_Rep2_peak_7117	67
92836669	92837995	H2AZ_Rep2_peak_7123	152
92894730	92895564	H2AZ_Rep2_peak_7124	16
92921711	92923771	H2AZ_Rep2_peak_7125	44
92979962	92981347	H2AZ_Rep2_peak_7126	52
93057719	93058849	H2AZ_Rep2_peak_7127	100
93149518	93150455	H2AZ_Rep2_peak_7129	69
93162320	93162848	H2AZ_Rep2_peak_7130	15
93168782	93170952	H2AZ_Rep2_peak_7131	118
93295990	93296999	H2AZ_Rep2_peak_7133	18
93309389	93315856	H2AZ_Rep2_peak_7135	61
93347433	93352738	H2AZ_Rep2_peak_7138	50
93347433	93352738	H2AZ_Rep2_peak_7138	50
93354291	93354733	H2AZ_Rep2_peak_7139	18
93356705	93358478	H2AZ_Rep2_peak_7140	38
93367534	93371790	H2AZ_Rep2_peak_7142	65
93373340	93374323	H2AZ_Rep2_peak_7143	63
93376906	93377632	H2AZ_Rep2_peak_7144	173
93392501	93395688	H2AZ_Rep2_peak_7146	41
93392501	93395688	H2AZ_Rep2_peak_7146	41
93431383	93433530	H2AZ_Rep2_peak_7147	63
93448967	93450003	H2AZ_Rep2_peak_7148	75



93557294	93558967	H2AZ_Rep2_peak_7151	56
93661866	93662415	H2AZ_Rep2_peak_7154	49
93667756	93669516	H2AZ_Rep2_peak_7155	154
93682819	93684159	H2AZ_Rep2_peak_7156	115
93998210	94000802	H2AZ_Rep2_peak_7158	79
94003075	94003442	H2AZ_Rep2_peak_7159	17
94049926	94052127	H2AZ_Rep2_peak_7160	80
94165361	94168510	H2AZ_Rep2_peak_7161	38
94332567	94335010	H2AZ_Rep2_peak_7162	113
94350382	94353480	H2AZ_Rep2_peak_7163	68
94449041	94450661	H2AZ_Rep2_peak_7164	82
94515809	94517991	H2AZ_Rep2_peak_7166	49
94520166	94522014	H2AZ_Rep2_peak_7167	40
94581313	94582474	H2AZ_Rep2_peak_7168	72
94606912	94609438	H2AZ_Rep2_peak_7170	132
94731620	94732195	H2AZ_Rep2_peak_7171	75
94839494	94841310	H2AZ_Rep2_peak_7172	43
94959063	94959571	H2AZ_Rep2_peak_7174	28
95047440	95049591	H2AZ_Rep2_peak_7177	21
95240553	95242811	H2AZ_Rep2_peak_7180	51
95255230	95258431	H2AZ_Rep2_peak_7182	82
95301755	95302514	H2AZ_Rep2_peak_7184	29
95338543	95339044	H2AZ_Rep2_peak_7187	23
95461294	95464109	H2AZ_Rep2_peak_7190	160
95506565	95507126	H2AZ_Rep2_peak_7192	41
95511116	95512698	H2AZ_Rep2_peak_7193	82
95522753	95523427	H2AZ_Rep2_peak_7194	15
95573372	95575550	H2AZ_Rep2_peak_7197	14
95632508	95633843	H2AZ_Rep2_peak_7198	64
95653077	95654929	H2AZ_Rep2_peak_7199	174
96039712	96040052	H2AZ_Rep2_peak_7202	37
96121886	96124275	H2AZ_Rep2_peak_7203	134
96161535	96163805	H2AZ_Rep2_peak_7205	101
96303694	96306362	H2AZ_Rep2_peak_7206	123
97049409	97051387	H2AZ_Rep2_peak_7212	71
97093822	97094980	H2AZ_Rep2_peak_7213	27
97239238	97240574	H2AZ_Rep2_peak_7218	44
97320159	97322473	H2AZ_Rep2_peak_7219	63
97415313	97417408	H2AZ_Rep2_peak_7221	120
97452863	97454557	H2AZ_Rep2_peak_7222	166
97518354	97518769	H2AZ_Rep2_peak_7223	40
97666705	97668484	H2AZ_Rep2_peak_7224	158
97802681	97804691	H2AZ_Rep2_peak_7225	61

97849108	97850749	H2AZ_Rep2_peak_7226	168
97883843	97885200	H2AZ_Rep2_peak_7227	212
97889159	97890734	H2AZ_Rep2_peak_7228	196
98129427	98130692	H2AZ_Rep2_peak_7232	48
98133718	98135461	H2AZ_Rep2_peak_7233	105
98345856	98348155	H2AZ_Rep2_peak_7237	34
98370377	98371077	H2AZ_Rep2_peak_7238	59
98524256	98525565	H2AZ_Rep2_peak_7246	33
98590782	98593639	H2AZ_Rep2_peak_7247	30
98783559	98784681	H2AZ_Rep2_peak_7249	55
98797138	98798344	H2AZ_Rep2_peak_7250	108
99051557	99054586	H2AZ_Rep2_peak_7260	121
99078270	99080043	H2AZ_Rep2_peak_7262	116
99092689	99095098	H2AZ_Rep2_peak_7263	70
99159929	99161485	H2AZ_Rep2_peak_7264	70
99165729	99167709	H2AZ_Rep2_peak_7265	103
99185130	99186447	H2AZ_Rep2_peak_7267	80
99205047	99206450	H2AZ_Rep2_peak_7268	156
99257433	99259294	H2AZ_Rep2_peak_7269	140
99331858	99332489	H2AZ_Rep2_peak_7271	23
99343483	99345579	H2AZ_Rep2_peak_7274	47
99355913	99357717	H2AZ_Rep2_peak_7275	16
99392480	99394008	H2AZ_Rep2_peak_7277	285
99398877	99401578	H2AZ_Rep2_peak_7278	50
99446541	99451880	H2AZ_Rep2_peak_7279	32
99461226	99461970	H2AZ_Rep2_peak_7281	49
99472652	99475135	H2AZ_Rep2_peak_7284	68
99486409	99486775	H2AZ_Rep2_peak_7286	28
99495635	99497803	H2AZ_Rep2_peak_7288	190
99572728	99573253	H2AZ_Rep2_peak_7292	19
99609290	99609682	H2AZ_Rep2_peak_7294	41
99628667	99629721	H2AZ_Rep2_peak_7295	193
99647800	99649737	H2AZ_Rep2_peak_7298	24
99674143	99675140	H2AZ_Rep2_peak_7301	28
99893187	99895229	H2AZ_Rep2_peak_7303	173
100028369	100029576	H2AZ_Rep2_peak_7304	27
100075779	100077132	H2AZ_Rep2_peak_7308	20
100163182	100164737	H2AZ_Rep2_peak_7310	42
100174015	100175621	H2AZ_Rep2_peak_7311	97
100205930	100207606	H2AZ_Rep2_peak_7312	157
101098935	101099364	H2AZ_Rep2_peak_7319	17
101104314	101105277	H2AZ_Rep2_peak_7320	18
101189594	101191460	H2AZ_Rep2_peak_7325	114

101355412	101356148	H2AZ_Rep2_peak_7334	51
101379062	101382991	H2AZ_Rep2_peak_7335	49
101418464	101419976	H2AZ_Rep2_peak_7336	127
101491430	101492707	H2AZ_Rep2_peak_7337	151
101536984	101538613	H2AZ_Rep2_peak_7338	23
101623600	101624178	H2AZ_Rep2_peak_7341	31
101768914	101770741	H2AZ_Rep2_peak_7344	125
101803423	101806337	H2AZ_Rep2_peak_7347	66
101821775	101823836	H2AZ_Rep2_peak_7349	45
101860625	101861536	H2AZ_Rep2_peak_7350	30
101944702	101947037	H2AZ_Rep2_peak_7354	145
101988514	101990310	H2AZ_Rep2_peak_7355	193
102026922	102028014	H2AZ_Rep2_peak_7356	161
102045471	102047203	H2AZ_Rep2_peak_7357	226
102077800	102079566	H2AZ_Rep2_peak_7361	30
102098460	102102672	H2AZ_Rep2_peak_7363	71
102098460	102102672	H2AZ_Rep2_peak_7363	71
102105529	102107419	H2AZ_Rep2_peak_7364	18
102129398	102133897	H2AZ_Rep2_peak_7365	49
102129398	102133897	H2AZ_Rep2_peak_7365	49
102241277	102241907	H2AZ_Rep2_peak_7367	74
102288811	102290373	H2AZ_Rep2_peak_7368	233
102294332	102296146	H2AZ_Rep2_peak_7369	123
102321376	102321722	H2AZ_Rep2_peak_7370	26
102490787	102492075	H2AZ_Rep2_peak_7372	23
102671841	102673191	H2AZ_Rep2_peak_7374	141
102746382	102748063	H2AZ_Rep2_peak_7375	197
102756251	102760246	H2AZ_Rep2_peak_7376	95
102772358	102774581	H2AZ_Rep2_peak_7377	60
102778272	102779287	H2AZ_Rep2_peak_7378	81
102788537	102792896	H2AZ_Rep2_peak_7379	105
102800892	102803550	H2AZ_Rep2_peak_7380	45
102809062	102810819	H2AZ_Rep2_peak_7381	35
102820381	102823216	H2AZ_Rep2_peak_7383	68
102824714	102827500	H2AZ_Rep2_peak_7384	34
102901431	102902422	H2AZ_Rep2_peak_7386	119
102917897	102918425	H2AZ_Rep2_peak_7387	42
102920936	102922092	H2AZ_Rep2_peak_7388	59
102972062	102974585	H2AZ_Rep2_peak_7391	61
103030795	103034088	H2AZ_Rep2_peak_7393	89
103057494	103058148	H2AZ_Rep2_peak_7394	18
103112888	103115078	H2AZ_Rep2_peak_7396	143
103127723	103128142	H2AZ_Rep2_peak_7398	36

103329544	103330767	H2AZ_Rep2_peak_7399	57
103347298	103349019	H2AZ_Rep2_peak_7400	134
103442222	103443710	H2AZ_Rep2_peak_7401	35
103453399	103455432	H2AZ_Rep2_peak_7402	95
103488947	103490430	H2AZ_Rep2_peak_7403	61
103542127	103544001	H2AZ_Rep2_peak_7407	155
103577490	103579491	H2AZ_Rep2_peak_7408	95
103815096	103818040	H2AZ_Rep2_peak_7411	97
103824156	103826172	H2AZ_Rep2_peak_7412	90
103873695	103875216	H2AZ_Rep2_peak_7413	43
103879199	103882162	H2AZ_Rep2_peak_7415	92
103891108	103893833	H2AZ_Rep2_peak_7416	146
103911342	103912544	H2AZ_Rep2_peak_7417	39
103988689	103991730	H2AZ_Rep2_peak_7420	106
104001430	104002149	H2AZ_Rep2_peak_7421	61
104004378	104005967	H2AZ_Rep2_peak_7422	155
104144728	104145337	H2AZ_Rep2_peak_7423	29
104153782	104155287	H2AZ_Rep2_peak_7424	122
104178923	104181668	H2AZ_Rep2_peak_7426	169
104191380	104192861	H2AZ_Rep2_peak_7427	176
104209077	104210896	H2AZ_Rep2_peak_7429	95
104220234	104221817	H2AZ_Rep2_peak_7430	199
104227804	104228256	H2AZ_Rep2_peak_7431	21
104261152	104264521	H2AZ_Rep2_peak_7432	107
104401360	104402868	H2AZ_Rep2_peak_7436	60
104404240	104406315	H2AZ_Rep2_peak_7437	34
104429318	104429959	H2AZ_Rep2_peak_7438	14
104438546	104439192	H2AZ_Rep2_peak_7439	35
104473000	104476013	H2AZ_Rep2_peak_7441	141
104502324	104504703	H2AZ_Rep2_peak_7442	99
104523953	104525402	H2AZ_Rep2_peak_7443	26
104542209	104543497	H2AZ_Rep2_peak_7444	45
104613674	104614393	H2AZ_Rep2_peak_7446	170
104676299	104680395	H2AZ_Rep2_peak_7448	103
104748603	104749167	H2AZ_Rep2_peak_7450	39
104780484	104782482	H2AZ_Rep2_peak_7452	23
104951943	104954115	H2AZ_Rep2_peak_7453	78
104987729	104991021	H2AZ_Rep2_peak_7456	29
104992736	104993122	H2AZ_Rep2_peak_7457	29
104998143	105001898	H2AZ_Rep2_peak_7458	75
104998143	105001898	H2AZ_Rep2_peak_7458	75
105110039	105111560	H2AZ_Rep2_peak_7459	97
105127134	105128734	H2AZ_Rep2_peak_7460	105

105155376	105156867	H2AZ_Rep2_peak_7461	93
105210422	105211475	H2AZ_Rep2_peak_7462	85
105231429	105232071	H2AZ_Rep2_peak_7463	21
105238345	105240750	H2AZ_Rep2_peak_7464	60
105244509	105246277	H2AZ_Rep2_peak_7465	37
105301407	105304453	H2AZ_Rep2_peak_7470	144
105343650	105345322	H2AZ_Rep2_peak_7472	103
105419975	105422089	H2AZ_Rep2_peak_7473	85
105445146	105446012	H2AZ_Rep2_peak_7475	22
105451378	105457291	H2AZ_Rep2_peak_7477	40
105504379	105505972	H2AZ_Rep2_peak_7482	42
105532136	105532780	H2AZ_Rep2_peak_7485	47
105677242	105679841	H2AZ_Rep2_peak_7496	82
105693455	105693755	H2AZ_Rep2_peak_7497	31
105725707	105727782	H2AZ_Rep2_peak_7498	61
105804858	105812880	H2AZ_Rep2_peak_7499	32
105836080	105838986	H2AZ_Rep2_peak_7502	36
105876812	105882479	H2AZ_Rep2_peak_7504	46
105876812	105882479	H2AZ_Rep2_peak_7504	46
105991128	105993449	H2AZ_Rep2_peak_7512	110
106013713	106015590	H2AZ_Rep2_peak_7513	106
106028299	106029737	H2AZ_Rep2_peak_7514	74
106034556	106035286	H2AZ_Rep2_peak_7515	99
106050918	106051374	H2AZ_Rep2_peak_7516	41
106059444	106061160	H2AZ_Rep2_peak_7518	20
106097567	106100290	H2AZ_Rep2_peak_7520	50
106108482	106110843	H2AZ_Rep2_peak_7521	74
106568741	106569692	H2AZ_Rep2_peak_7524	21
107986193	107986674	H2AZ_Rep2_peak_7526	40
108317774	108318074	H2AZ_Rep2_peak_7530	22
108336177	108337559	H2AZ_Rep2_peak_7531	23
109185216	109186144	H2AZ_Rep2_peak_7538	28
109304271	109306967	H2AZ_Rep2_peak_7540	32
111612380	111613142	H2AZ_Rep2_peak_7545	20
111682010	111684087	H2AZ_Rep2_peak_7546	117
111767781	111769180	H2AZ_Rep2_peak_7548	92
111841581	111841950	H2AZ_Rep2_peak_7550	21
111966613	111971557	H2AZ_Rep2_peak_7555	64
111981262	111982655	H2AZ_Rep2_peak_7556	29
111985092	111986310	H2AZ_Rep2_peak_7557	71
112063997	112067944	H2AZ_Rep2_peak_7558	23
112094989	112097023	H2AZ_Rep2_peak_7560	20
112113122	112114309	H2AZ_Rep2_peak_7562	42

112151492	112155623	H2AZ_Rep2_peak_7566	51
112167543	112168262	H2AZ_Rep2_peak_7569	33
112173258	112174983	H2AZ_Rep2_peak_7571	21
112185709	112187321	H2AZ_Rep2_peak_7573	43
112189968	112190872	H2AZ_Rep2_peak_7574	52
112205501	112207648	H2AZ_Rep2_peak_7575	64
112214541	112221052	H2AZ_Rep2_peak_7576	74
112214541	112221052	H2AZ_Rep2_peak_7576	74
112247364	112248381	H2AZ_Rep2_peak_7577	28
112289426	112290843	H2AZ_Rep2_peak_7578	74
112326323	112328387	H2AZ_Rep2_peak_7580	52
112369466	112369790	H2AZ_Rep2_peak_7581	23
112431635	112432635	H2AZ_Rep2_peak_7584	134
112561835	112565213	H2AZ_Rep2_peak_7596	38
112617105	112618161	H2AZ_Rep2_peak_7600	88
112619730	112620030	H2AZ_Rep2_peak_7601	16
112623879	112626981	H2AZ_Rep2_peak_7602	36
112630573	112632807	H2AZ_Rep2_peak_7603	95
112676388	112680113	H2AZ_Rep2_peak_7604	67
112835886	112836460	H2AZ_Rep2_peak_7605	53
113516118	113517471	H2AZ_Rep2_peak_7612	48
113841994	113843696	H2AZ_Rep2_peak_7621	26
113896611	113897553	H2AZ_Rep2_peak_7623	35
113899859	113900998	H2AZ_Rep2_peak_7624	23
113942685	113944680	H2AZ_Rep2_peak_7625	119
113990394	113992605	H2AZ_Rep2_peak_7628	22
114055926	114056349	H2AZ_Rep2_peak_7632	19
114067456	114068192	H2AZ_Rep2_peak_7633	16
114091918	114092894	H2AZ_Rep2_peak_7635	136
114119703	114122277	H2AZ_Rep2_peak_7638	57
114134409	114136724	H2AZ_Rep2_peak_7640	97
114149092	114149695	H2AZ_Rep2_peak_7642	43
114205945	114207846	H2AZ_Rep2_peak_7643	122
114672324	114672805	H2AZ_Rep2_peak_7648	21
114675418	114675980	H2AZ_Rep2_peak_7649	27
114679327	114679827	H2AZ_Rep2_peak_7650	23
114709344	114709905	H2AZ_Rep2_peak_7651	63
114711163	114712938	H2AZ_Rep2_peak_7652	40
114816029	114818969	H2AZ_Rep2_peak_7654	30
114832767	114834314	H2AZ_Rep2_peak_7655	29
114846782	114847582	H2AZ_Rep2_peak_7656	23
115086430	115086749	H2AZ_Rep2_peak_7658	30
115322861	115323470	H2AZ_Rep2_peak_7664	57

115425305	115426321	H2AZ_Rep2_peak_7665	14
115438262	115440729	H2AZ_Rep2_peak_7666	216
115506198	115507727	H2AZ_Rep2_peak_7667	18
115613413	115615985	H2AZ_Rep2_peak_7670	128
115704825	115705280	H2AZ_Rep2_peak_7671	17
115706952	115707839	H2AZ_Rep2_peak_7672	92
115784550	115786687	H2AZ_Rep2_peak_7677	44
115802589	115804478	H2AZ_Rep2_peak_7678	74
115932918	115934997	H2AZ_Rep2_peak_7680	186
116063659	116064643	H2AZ_Rep2_peak_7684	132
116079927	116082233	H2AZ_Rep2_peak_7686	81
116127173	116128100	H2AZ_Rep2_peak_7688	58
116172817	116173557	H2AZ_Rep2_peak_7690	15
116286128	116287350	H2AZ_Rep2_peak_7691	128
116443576	116445534	H2AZ_Rep2_peak_7697	48
116456871	116457310	H2AZ_Rep2_peak_7698	45
116473992	116475523	H2AZ_Rep2_peak_7699	34
116513907	116515443	H2AZ_Rep2_peak_7701	18
116527310	116527978	H2AZ_Rep2_peak_7702	60
116579759	116582593	H2AZ_Rep2_peak_7704	53
116635948	116637095	H2AZ_Rep2_peak_7705	61
116639321	116639747	H2AZ_Rep2_peak_7706	71
116641670	116643173	H2AZ_Rep2_peak_7707	29
116664662	116665569	H2AZ_Rep2_peak_7708	15
116696230	116698806	H2AZ_Rep2_peak_7709	146
118501865	118503270	H2AZ_Rep2_peak_7715	69
118763710	118766551	H2AZ_Rep2_peak_7721	116
118932972	118935626	H2AZ_Rep2_peak_7722	26
118946556	118947314	H2AZ_Rep2_peak_7723	77
118975987	118976831	H2AZ_Rep2_peak_7725	30
119133380	119136078	H2AZ_Rep2_peak_7726	121
119201735	119204159	H2AZ_Rep2_peak_7728	40
119213766	119215420	H2AZ_Rep2_peak_7729	55
119216798	119218452	H2AZ_Rep2_peak_7730	31
119220825	119223309	H2AZ_Rep2_peak_7731	76
119805379	119807519	H2AZ_Rep2_peak_7738	108
120101209	120103452	H2AZ_Rep2_peak_7740	121
120513672	120515251	H2AZ_Rep2_peak_7742	73
120630348	120633018	H2AZ_Rep2_peak_7748	64
120718400	120720580	H2AZ_Rep2_peak_7752	31
120779405	120780310	H2AZ_Rep2_peak_7755	30
120789381	120790600	H2AZ_Rep2_peak_7756	56
120839845	120841082	H2AZ_Rep2_peak_7757	54

120849231	120851126	H2AZ_Rep2_peak_7758	21
120859760	120864568	H2AZ_Rep2_peak_7759	79
120873567	120874056	H2AZ_Rep2_peak_7760	48
120890284	120892674	H2AZ_Rep2_peak_7761	19
120924430	120926423	H2AZ_Rep2_peak_7762	174
120937496	120938977	H2AZ_Rep2_peak_7763	178
120965485	120969413	H2AZ_Rep2_peak_7765	61
120970815	120971507	H2AZ_Rep2_peak_7766	13
121006060	121006880	H2AZ_Rep2_peak_7767	113
121011458	121014226	H2AZ_Rep2_peak_7768	55
121030127	121031652	H2AZ_Rep2_peak_7769	64
121039809	121041564	H2AZ_Rep2_peak_7770	51
121065199	121066261	H2AZ_Rep2_peak_7772	35
121074713	121077593	H2AZ_Rep2_peak_7774	32
121248688	121250037	H2AZ_Rep2_peak_7777	104
121301356	121303244	H2AZ_Rep2_peak_7778	49
121355616	121357525	H2AZ_Rep2_peak_7780	72
121367694	121368809	H2AZ_Rep2_peak_7781	93
121379798	121380556	H2AZ_Rep2_peak_7782	55
121409787	121411887	H2AZ_Rep2_peak_7786	47
121427286	121427824	H2AZ_Rep2_peak_7788	45
121439588	121443246	H2AZ_Rep2_peak_7789	46
121445847	121448026	H2AZ_Rep2_peak_7790	72
121483021	121486758	H2AZ_Rep2_peak_7791	57
121544223	121546285	H2AZ_Rep2_peak_7795	25
121631553	121633787	H2AZ_Rep2_peak_7796	115
121651320	121652863	H2AZ_Rep2_peak_7797	153
121764343	121765833	H2AZ_Rep2_peak_7798	52
122609939	122611740	H2AZ_Rep2_peak_7811	227
122702122	122703363	H2AZ_Rep2_peak_7812	72
123686282	123688591	H2AZ_Rep2_peak_7818	114
123733773	123736245	H2AZ_Rep2_peak_7819	89
123778055	123779553	H2AZ_Rep2_peak_7821	102
123803600	123804795	H2AZ_Rep2_peak_7822	70
123815895	123816532	H2AZ_Rep2_peak_7824	40
123821034	123824343	H2AZ_Rep2_peak_7825	73
123829043	123829920	H2AZ_Rep2_peak_7826	47
123869885	123874360	H2AZ_Rep2_peak_7828	88
123900138	123901160	H2AZ_Rep2_peak_7829	142
124027114	124029105	H2AZ_Rep2_peak_7830	30
124052062	124055256	H2AZ_Rep2_peak_7832	76
124058390	124059030	H2AZ_Rep2_peak_7833	139
124065889	124070194	H2AZ_Rep2_peak_7834	83



124082882	124085077	H2AZ_Rep2_peak_7835	16
124104265	124104899	H2AZ_Rep2_peak_7837	78
124133085	124135418	H2AZ_Rep2_peak_7838	81
124220386	124221849	H2AZ_Rep2_peak_7839	42
124289364	124290173	H2AZ_Rep2_peak_7842	60
124318600	124319054	H2AZ_Rep2_peak_7845	18
124325163	124326793	H2AZ_Rep2_peak_7846	51
124408333	124409870	H2AZ_Rep2_peak_7850	28
124574969	124575412	H2AZ_Rep2_peak_7853	15
124638425	124640230	H2AZ_Rep2_peak_7854	142
124712973	124714567	H2AZ_Rep2_peak_7855	226
124739259	124740884	H2AZ_Rep2_peak_7856	103
124767357	124769337	H2AZ_Rep2_peak_7857	110
124868541	124870277	H2AZ_Rep2_peak_7861	51
124912415	124914904	H2AZ_Rep2_peak_7862	54
125503213	125504040	H2AZ_Rep2_peak_7866	27
125567827	125568228	H2AZ_Rep2_peak_7870	24
125689804	125690463	H2AZ_Rep2_peak_7872	42
125753643	125756017	H2AZ_Rep2_peak_7873	179
125851684	125853122	H2AZ_Rep2_peak_7874	56
125863629	125866560	H2AZ_Rep2_peak_7875	31
126077317	126079214	H2AZ_Rep2_peak_7882	48
126091847	126092527	H2AZ_Rep2_peak_7883	14
126106532	126108257	H2AZ_Rep2_peak_7884	59
126147592	126151129	H2AZ_Rep2_peak_7885	121
126218375	126219467	H2AZ_Rep2_peak_7887	44
126335171	126336956	H2AZ_Rep2_peak_7889	57
126431734	126433431	H2AZ_Rep2_peak_7891	46
126479040	126481310	H2AZ_Rep2_peak_7892	265
126489883	126491216	H2AZ_Rep2_peak_7894	93
126550729	126554512	H2AZ_Rep2_peak_7895	76
126604621	126606719	H2AZ_Rep2_peak_7898	79
126725407	126725967	H2AZ_Rep2_peak_7899	22
126847472	126850693	H2AZ_Rep2_peak_7902	30
126906734	126907443	H2AZ_Rep2_peak_7905	129
126919488	126921176	H2AZ_Rep2_peak_7907	67
127203539	127204328	H2AZ_Rep2_peak_7915	38
127226502	127228636	H2AZ_Rep2_peak_7917	34
127272576	127274252	H2AZ_Rep2_peak_7919	46
127320429	127324343	H2AZ_Rep2_peak_7922	23
127349085	127351620	H2AZ_Rep2_peak_7925	43
127378685	127380468	H2AZ_Rep2_peak_7926	60
127381821	127384766	H2AZ_Rep2_peak_7927	28

127407297	127409045	H2AZ_Rep2_peak_7930	149
127511299	127512777	H2AZ_Rep2_peak_7931	240
127584061	127585872	H2AZ_Rep2_peak_7932	38
127750899	127752841	H2AZ_Rep2_peak_7936	39
127892455	127893702	H2AZ_Rep2_peak_7941	22
127936175	127937170	H2AZ_Rep2_peak_7943	40
127996594	127997987	H2AZ_Rep2_peak_7945	49
128065522	128065857	H2AZ_Rep2_peak_7949	18
128075378	128077101	H2AZ_Rep2_peak_7951	45
128084622	128087210	H2AZ_Rep2_peak_7952	30
128110085	128110818	H2AZ_Rep2_peak_7955	48
128127586	128129463	H2AZ_Rep2_peak_7958	93
128140931	128142379	H2AZ_Rep2_peak_7959	23
128145905	128153452	H2AZ_Rep2_peak_7960	44
128206185	128207896	H2AZ_Rep2_peak_7963	62
128255073	128259111	H2AZ_Rep2_peak_7964	53
128352329	128352937	H2AZ_Rep2_peak_7968	26
128443945	128444812	H2AZ_Rep2_peak_7969	20
128593017	128594938	H2AZ_Rep2_peak_7973	92
129631084	129631426	H2AZ_Rep2_peak_7977	32
129702854	129707986	H2AZ_Rep2_peak_7979	68
129726350	129726918	H2AZ_Rep2_peak_7981	34
129787634	129790210	H2AZ_Rep2_peak_7983	27
129809368	129810289	H2AZ_Rep2_peak_7985	37
129922837	129925425	H2AZ_Rep2_peak_7988	53
131264355	131266458	H2AZ_Rep2_peak_8002	106
131907322	131910447	H2AZ_Rep2_peak_8005	175
131933910	131935822	H2AZ_Rep2_peak_8007	62
132413713	132414158	H2AZ_Rep2_peak_8011	59
132417683	132421838	H2AZ_Rep2_peak_8012	30
132428110	132431025	H2AZ_Rep2_peak_8013	69
132433686	132434542	H2AZ_Rep2_peak_8014	14
132435773	132436365	H2AZ_Rep2_peak_8015	53
132727887	132728951	H2AZ_Rep2_peak_8017	99
132732332	132735848	H2AZ_Rep2_peak_8018	74
133453504	133455226	H2AZ_Rep2_peak_8021	62
133487761	133489205	H2AZ_Rep2_peak_8023	36
133622338	133622663	H2AZ_Rep2_peak_8025	35
133794480	133795906	H2AZ_Rep2_peak_8026	40
133810955	133811948	H2AZ_Rep2_peak_8027	76
133878484	133880350	H2AZ_Rep2_peak_8029	44
133908176	133909526	H2AZ_Rep2_peak_8030	35
134119541	134122727	H2AZ_Rep2_peak_8033	49

134124147	134125467	H2AZ_Rep2_peak_8034	28
134133040	134134808	H2AZ_Rep2_peak_8035	109
134136072	134136913	H2AZ_Rep2_peak_8036	82
134143232	134146368	H2AZ_Rep2_peak_8037	60
134143232	134146368	H2AZ_Rep2_peak_8037	60
134201280	134202873	H2AZ_Rep2_peak_8040	50
134232218	134232866	H2AZ_Rep2_peak_8043	21
134234654	134235082	H2AZ_Rep2_peak_8044	32
134257804	134261966	H2AZ_Rep2_peak_8046	21
134265448	134267692	H2AZ_Rep2_peak_8047	75
134278334	134278634	H2AZ_Rep2_peak_8048	22
134281200	134281808	H2AZ_Rep2_peak_8049	84
134329958	134332854	H2AZ_Rep2_peak_8052	84
134345677	134347221	H2AZ_Rep2_peak_8053	18
134349836	134352420	H2AZ_Rep2_peak_8054	41
134818372	134823727	H2AZ_Rep2_peak_8059	62
134957364	134958561	H2AZ_Rep2_peak_8062	20
135071097	135075421	H2AZ_Rep2_peak_8064	41
135071097	135075421	H2AZ_Rep2_peak_8064	41
135121508	135122719	H2AZ_Rep2_peak_8066	42
135137644	135138482	H2AZ_Rep2_peak_8068	72
135170698	135171535	H2AZ_Rep2_peak_8070	68
135186635	135187743	H2AZ_Rep2_peak_8071	45
135191778	135192462	H2AZ_Rep2_peak_8072	43
135201122	135203063	H2AZ_Rep2_peak_8073	27
135206850	135208493	H2AZ_Rep2_peak_8074	67
235631	237265	H2AZ_Rep2_peak_8076	73
266960	268582	H2AZ_Rep2_peak_8077	64
352776	353612	H2AZ_Rep2_peak_8081	28
449849	451089	H2AZ_Rep2_peak_8085	32
460288	461301	H2AZ_Rep2_peak_8086	33
560280	561351	H2AZ_Rep2_peak_8089	29
575593	576407	H2AZ_Rep2_peak_8090	34
695225	696554	H2AZ_Rep2_peak_8091	45
706672	707941	H2AZ_Rep2_peak_8092	39
727613	728579	H2AZ_Rep2_peak_8093	28
746617	748043	H2AZ_Rep2_peak_8094	19
797487	797999	H2AZ_Rep2_peak_8095	49
808799	809981	H2AZ_Rep2_peak_8097	67
827195	827980	H2AZ_Rep2_peak_8099	34
910211	911522	H2AZ_Rep2_peak_8100	38
1039817	1040796	H2AZ_Rep2_peak_8103	28
1053307	1054791	H2AZ_Rep2_peak_8105	26

1144690	1148514 H2AZ_Rep2_peak_8107	29
1224392	1225386 H2AZ_Rep2_peak_8109	103
1283342	1284431 H2AZ_Rep2_peak_8110	52
1330529	1331939 H2AZ_Rep2_peak_8111	76
1403915	1404961 H2AZ_Rep2_peak_8115	32
1410335	1410841 H2AZ_Rep2_peak_8116	88
1568120	1569959 H2AZ_Rep2_peak_8117	30
1580003	1581241 H2AZ_Rep2_peak_8118	27
1593951	1595838 H2AZ_Rep2_peak_8119	32
1714565	1715299 H2AZ_Rep2_peak_8122	91
1793331	1794609 H2AZ_Rep2_peak_8124	58
1804127	1804700 H2AZ_Rep2_peak_8125	35
1865736	1866542 H2AZ_Rep2_peak_8126	20
2420806	2422440 H2AZ_Rep2_peak_8129	40
2441116	2442207 H2AZ_Rep2_peak_8130	47
2552864	2555768 H2AZ_Rep2_peak_8131	25
2568996	2569478 H2AZ_Rep2_peak_8132	53
2746163	2746889 H2AZ_Rep2_peak_8133	26
2759017	2759476 H2AZ_Rep2_peak_8134	37
2790235	2792328 H2AZ_Rep2_peak_8137	39
2799997	2801444 H2AZ_Rep2_peak_8138	70
2820621	2822110 H2AZ_Rep2_peak_8139	36
2845983	2848362 H2AZ_Rep2_peak_8140	34
2857792	2859005 H2AZ_Rep2_peak_8141	44
2905262	2907126 H2AZ_Rep2_peak_8144	115
2909567	2911130 H2AZ_Rep2_peak_8145	14
2912755	2914641 H2AZ_Rep2_peak_8146	142
2919476	2921255 H2AZ_Rep2_peak_8147	133
2922664	2925774 H2AZ_Rep2_peak_8148	62
2933533	2935173 H2AZ_Rep2_peak_8149	47
2950175	2952450 H2AZ_Rep2_peak_8151	69
2954452	2955467 H2AZ_Rep2_peak_8152	57
3012155	3014556 H2AZ_Rep2_peak_8154	135
3077940	3081963 H2AZ_Rep2_peak_8155	102
3095803	3096773 H2AZ_Rep2_peak_8156	39
3101965	3102618 H2AZ_Rep2_peak_8157	59
3147360	3148911 H2AZ_Rep2_peak_8159	111
3185672	3188554 H2AZ_Rep2_peak_8160	65
3399655	3402591 H2AZ_Rep2_peak_8165	84
3442971	3445103 H2AZ_Rep2_peak_8167	69
3663354	3666649 H2AZ_Rep2_peak_8172	96
3818298	3819754 H2AZ_Rep2_peak_8173	128
3828907	3830812 H2AZ_Rep2_peak_8174	202

3861254	3863634 H2AZ_Rep2_peak_8175	64
3875349	3878200 H2AZ_Rep2_peak_8178	166
4093575	4094049 H2AZ_Rep2_peak_8179	25
4115139	4117129 H2AZ_Rep2_peak_8180	143
4202540	4203918 H2AZ_Rep2_peak_8182	43
4208122	4209638 H2AZ_Rep2_peak_8184	151
4414024	4415332 H2AZ_Rep2_peak_8186	195
4628653	4631441 H2AZ_Rep2_peak_8192	59
5432938	5433679 H2AZ_Rep2_peak_8204	26
5645172	5647400 H2AZ_Rep2_peak_8213	161
5705305	5706702 H2AZ_Rep2_peak_8214	82
5828798	5831545 H2AZ_Rep2_peak_8216	39
6255112	6256952 H2AZ_Rep2_peak_8222	273
6339986	6342733 H2AZ_Rep2_peak_8225	89
6410968	6412761 H2AZ_Rep2_peak_8229	109
6439555	6441000 H2AZ_Rep2_peak_8231	27
6460352	6461178 H2AZ_Rep2_peak_8233	27
6493967	6495767 H2AZ_Rep2_peak_8235	99
6501851	6503367 H2AZ_Rep2_peak_8236	82
6623883	6625959 H2AZ_Rep2_peak_8237	162
6632904	6634364 H2AZ_Rep2_peak_8238	109
6639873	6641161 H2AZ_Rep2_peak_8239	177
6703405	6705864 H2AZ_Rep2_peak_8247	178
7532630	7535504 H2AZ_Rep2_peak_8253	45
7593279	7600417 H2AZ_Rep2_peak_8257	61
7593279	7600417 H2AZ_Rep2_peak_8257	61
7620567	7627866 H2AZ_Rep2_peak_8259	35
7620567	7627866 H2AZ_Rep2_peak_8259	35
7678588	7679282 H2AZ_Rep2_peak_8262	18
7686735	7687293 H2AZ_Rep2_peak_8263	48
7882314	7882896 H2AZ_Rep2_peak_8267	52
7913756	7915743 H2AZ_Rep2_peak_8269	51
7925307	7925818 H2AZ_Rep2_peak_8271	27
7998663	7999296 H2AZ_Rep2_peak_8275	76
8007161	8009592 H2AZ_Rep2_peak_8276	101
8053969	8059576 H2AZ_Rep2_peak_8279	28
8089834	8091548 H2AZ_Rep2_peak_8283	136
8112690	8116282 H2AZ_Rep2_peak_8288	42
8182354	8184066 H2AZ_Rep2_peak_8290	33
8212761	8214924 H2AZ_Rep2_peak_8292	18
8247310	8253072 H2AZ_Rep2_peak_8296	36
8255311	8257714 H2AZ_Rep2_peak_8297	114
8277874	8280802 H2AZ_Rep2_peak_8300	23

8283669	8285967 H2AZ_Rep2_peak_8301	37
8349630	8351023 H2AZ_Rep2_peak_8306	144
8614871	8616328 H2AZ_Rep2_peak_8312	31
8625284	8626742 H2AZ_Rep2_peak_8313	36
8703489	8704835 H2AZ_Rep2_peak_8315	79
8709618	8710978 H2AZ_Rep2_peak_8316	19
8738955	8742054 H2AZ_Rep2_peak_8317	41
8831187	8832615 H2AZ_Rep2_peak_8319	67
8834077	8837184 H2AZ_Rep2_peak_8320	44
8854142	8854592 H2AZ_Rep2_peak_8321	24
8888243	8890073 H2AZ_Rep2_peak_8324	34
8891523	8893193 H2AZ_Rep2_peak_8325	84
8931331	8933407 H2AZ_Rep2_peak_8326	143
8956311	8957172 H2AZ_Rep2_peak_8327	42
8984331	8986943 H2AZ_Rep2_peak_8328	122
9060833	9062230 H2AZ_Rep2_peak_8334	13
9285702	9287669 H2AZ_Rep2_peak_8341	126
9335377	9338267 H2AZ_Rep2_peak_8342	129
9341089	9341594 H2AZ_Rep2_peak_8343	27
9348660	9349061 H2AZ_Rep2_peak_8344	72
9383381	9387502 H2AZ_Rep2_peak_8350	64
9402117	9402578 H2AZ_Rep2_peak_8351	26
9405078	9406936 H2AZ_Rep2_peak_8352	76
9481556	9484699 H2AZ_Rep2_peak_8353	62
9549073	9552998 H2AZ_Rep2_peak_8355	22
9549073	9552998 H2AZ_Rep2_peak_8355	22
9590244	9591342 H2AZ_Rep2_peak_8358	68
9621868	9624209 H2AZ_Rep2_peak_8360	23
9633762	9637018 H2AZ_Rep2_peak_8361	154
9647266	9648656 H2AZ_Rep2_peak_8362	25
9684011	9686696 H2AZ_Rep2_peak_8366	164
9778616	9782215 H2AZ_Rep2_peak_8367	203
10004287	10004797 H2AZ_Rep2_peak_8368	26
10314727	10317084 H2AZ_Rep2_peak_8370	50
10323890	10331204 H2AZ_Rep2_peak_8371	116
10372906	10373606 H2AZ_Rep2_peak_8374	65
10471725	10473256 H2AZ_Rep2_peak_8381	62
10475978	10478036 H2AZ_Rep2_peak_8382	53
10509720	10513127 H2AZ_Rep2_peak_8384	47
10509720	10513127 H2AZ_Rep2_peak_8384	47
10561749	10563588 H2AZ_Rep2_peak_8385	112
10678856	10681832 H2AZ_Rep2_peak_8393	65
10686200	10688969 H2AZ_Rep2_peak_8394	23

10690823	10691258	H2AZ_Rep2_peak_8395	18
10755952	10758285	H2AZ_Rep2_peak_8399	98
10763540	10766290	H2AZ_Rep2_peak_8400	15
10772245	10773548	H2AZ_Rep2_peak_8401	180
10813366	10814599	H2AZ_Rep2_peak_8402	36
10829294	10831880	H2AZ_Rep2_peak_8403	90
10878417	10880983	H2AZ_Rep2_peak_8404	176
10919866	10922684	H2AZ_Rep2_peak_8406	162
10951994	10953744	H2AZ_Rep2_peak_8408	93
10955398	10956862	H2AZ_Rep2_peak_8409	106
11643243	11643687	H2AZ_Rep2_peak_8444	34
11838572	11839307	H2AZ_Rep2_peak_8451	12
11862451	11864413	H2AZ_Rep2_peak_8452	221
11996670	12002812	H2AZ_Rep2_peak_8455	81
12009053	12009842	H2AZ_Rep2_peak_8457	38
12013987	12017511	H2AZ_Rep2_peak_8458	32
12019119	12021096	H2AZ_Rep2_peak_8459	82
12065317	12066828	H2AZ_Rep2_peak_8464	192
12068464	12070561	H2AZ_Rep2_peak_8465	48
12087400	12089731	H2AZ_Rep2_peak_8468	112
12101624	12102306	H2AZ_Rep2_peak_8469	50
12107208	12109867	H2AZ_Rep2_peak_8470	70
12111136	12113850	H2AZ_Rep2_peak_8471	43
12131125	12133787	H2AZ_Rep2_peak_8473	159
12180989	12181972	H2AZ_Rep2_peak_8476	61
12188365	12189940	H2AZ_Rep2_peak_8477	211
12196018	12197914	H2AZ_Rep2_peak_8479	37
12203896	12205874	H2AZ_Rep2_peak_8481	68
12241042	12246266	H2AZ_Rep2_peak_8483	16
12266315	12268792	H2AZ_Rep2_peak_8487	67
12279848	12280286	H2AZ_Rep2_peak_8488	23
12307345	12311868	H2AZ_Rep2_peak_8492	163
12387557	12388285	H2AZ_Rep2_peak_8496	94
12398013	12400611	H2AZ_Rep2_peak_8497	121
12433240	12433924	H2AZ_Rep2_peak_8498	65
12439203	12440467	H2AZ_Rep2_peak_8499	97
12452303	12453344	H2AZ_Rep2_peak_8500	70
12560580	12562262	H2AZ_Rep2_peak_8501	37
12603431	12603809	H2AZ_Rep2_peak_8504	25
12695254	12695806	H2AZ_Rep2_peak_8509	111
13011080	13011650	H2AZ_Rep2_peak_8514	41
13147740	13148711	H2AZ_Rep2_peak_8519	16
13204637	13205158	H2AZ_Rep2_peak_8520	80

13217944	13218311	H2AZ_Rep2_peak_8521	16
13227006	13230664	H2AZ_Rep2_peak_8522	93
13236155	13238508	H2AZ_Rep2_peak_8524	64
13260415	13260967	H2AZ_Rep2_peak_8527	26
13279379	13279711	H2AZ_Rep2_peak_8529	30
13281959	13284178	H2AZ_Rep2_peak_8530	15
13298125	13300190	H2AZ_Rep2_peak_8531	128
13357778	13361326	H2AZ_Rep2_peak_8533	75
13483865	13485769	H2AZ_Rep2_peak_8534	139
13689020	13691386	H2AZ_Rep2_peak_8537	84
13961514	13962387	H2AZ_Rep2_peak_8543	16
14379634	14381600	H2AZ_Rep2_peak_8549	45
14401081	14403313	H2AZ_Rep2_peak_8551	107
14520708	14522259	H2AZ_Rep2_peak_8554	33
14541195	14542750	H2AZ_Rep2_peak_8555	169
14663957	14666697	H2AZ_Rep2_peak_8557	38
14912681	14914181	H2AZ_Rep2_peak_8558	32
14928123	14930302	H2AZ_Rep2_peak_8559	23
14997495	14997933	H2AZ_Rep2_peak_8561	15
15128100	15129671	H2AZ_Rep2_peak_8565	17
15671441	15672121	H2AZ_Rep2_peak_8575	30
15914417	15915124	H2AZ_Rep2_peak_8577	50
15989776	15991545	H2AZ_Rep2_peak_8582	40
16023037	16024758	H2AZ_Rep2_peak_8583	37
16624839	16628307	H2AZ_Rep2_peak_8584	77
16635140	16635931	H2AZ_Rep2_peak_8585	28
16653882	16654593	H2AZ_Rep2_peak_8586	53
16759110	16761006	H2AZ_Rep2_peak_8587	152
16809697	16811290	H2AZ_Rep2_peak_8590	74
16812832	16815203	H2AZ_Rep2_peak_8591	67
16841942	16843657	H2AZ_Rep2_peak_8593	68
16945301	16948529	H2AZ_Rep2_peak_8594	62
16967326	16968315	H2AZ_Rep2_peak_8595	32
17036311	17036985	H2AZ_Rep2_peak_8597	73
17098445	17100166	H2AZ_Rep2_peak_8598	96
17228567	17231615	H2AZ_Rep2_peak_8599	47
17251497	17252355	H2AZ_Rep2_peak_8600	42
17278367	17279005	H2AZ_Rep2_peak_8602	70
17294445	17295354	H2AZ_Rep2_peak_8604	36
17297098	17299327	H2AZ_Rep2_peak_8605	163
17372770	17375736	H2AZ_Rep2_peak_8606	64
17410318	17411725	H2AZ_Rep2_peak_8608	52
17484532	17485901	H2AZ_Rep2_peak_8610	106



17519624	17520240	H2AZ_Rep2_peak_8614	32
17565256	17566074	H2AZ_Rep2_peak_8617	95
17568247	17569044	H2AZ_Rep2_peak_8618	48
17670184	17674456	H2AZ_Rep2_peak_8625	120
17704076	17705726	H2AZ_Rep2_peak_8627	122
17751632	17752631	H2AZ_Rep2_peak_8630	36
18033669	18035913	H2AZ_Rep2_peak_8634	92
18126820	18128432	H2AZ_Rep2_peak_8635	120
18136747	18137621	H2AZ_Rep2_peak_8636	28
18343001	18344630	H2AZ_Rep2_peak_8643	107
18404261	18406575	H2AZ_Rep2_peak_8646	119
18415428	18415939	H2AZ_Rep2_peak_8648	125
18547804	18549470	H2AZ_Rep2_peak_8649	81
18609429	18611121	H2AZ_Rep2_peak_8650	129
18655136	18657059	H2AZ_Rep2_peak_8651	111
18672426	18672933	H2AZ_Rep2_peak_8652	61
18690027	18691503	H2AZ_Rep2_peak_8653	43
18717952	18721564	H2AZ_Rep2_peak_8654	50
18749097	18749426	H2AZ_Rep2_peak_8655	34
18753127	18754024	H2AZ_Rep2_peak_8656	23
18770478	18772442	H2AZ_Rep2_peak_8658	76
19137890	19139428	H2AZ_Rep2_peak_8664	103
19254451	19255169	H2AZ_Rep2_peak_8667	57
19260146	19263236	H2AZ_Rep2_peak_8668	74
19298331	19298891	H2AZ_Rep2_peak_8670	12
19392245	19393155	H2AZ_Rep2_peak_8671	16
19401806	19402390	H2AZ_Rep2_peak_8672	58
19463319	19464843	H2AZ_Rep2_peak_8674	34
19544654	19547148	H2AZ_Rep2_peak_8677	27
19616798	19621463	H2AZ_Rep2_peak_8679	102
19681689	19682204	H2AZ_Rep2_peak_8681	41
19686504	19687015	H2AZ_Rep2_peak_8682	69
19689642	19694512	H2AZ_Rep2_peak_8683	33
19700972	19702604	H2AZ_Rep2_peak_8685	87
19731792	19734991	H2AZ_Rep2_peak_8688	116
20000259	20001337	H2AZ_Rep2_peak_8692	72
20088125	20088632	H2AZ_Rep2_peak_8695	17
20132545	20134770	H2AZ_Rep2_peak_8696	113
20153816	20154186	H2AZ_Rep2_peak_8698	26
20384389	20386341	H2AZ_Rep2_peak_8701	79
20408233	20410243	H2AZ_Rep2_peak_8703	125
22646367	22647930	H2AZ_Rep2_peak_8711	119
22849776	22851822	H2AZ_Rep2_peak_8712	50

23145197	23146537	H2AZ_Rep2_peak_8713	14
23561357	23561726	H2AZ_Rep2_peak_8714	39
24411073	24411796	H2AZ_Rep2_peak_8719	16
24657276	24657615	H2AZ_Rep2_peak_8720	28
24719079	24719537	H2AZ_Rep2_peak_8721	11
25587776	25588640	H2AZ_Rep2_peak_8728	26
25649133	25649938	H2AZ_Rep2_peak_8729	47
25779758	25780202	H2AZ_Rep2_peak_8734	24
25824736	25825090	H2AZ_Rep2_peak_8736	26
25860304	25860808	H2AZ_Rep2_peak_8737	24
25919019	25919612	H2AZ_Rep2_peak_8738	28
26003433	26004126	H2AZ_Rep2_peak_8742	26
26099974	26101441	H2AZ_Rep2_peak_8747	82
26170978	26173037	H2AZ_Rep2_peak_8749	32
26248409	26253048	H2AZ_Rep2_peak_8752	19
26284070	26284392	H2AZ_Rep2_peak_8753	19
26305434	26309925	H2AZ_Rep2_peak_8756	77
26608904	26609237	H2AZ_Rep2_peak_8758	21
26997980	26998345	H2AZ_Rep2_peak_8760	53
27222926	27225032	H2AZ_Rep2_peak_8763	107
27234664	27235205	H2AZ_Rep2_peak_8765	47
27237188	27240248	H2AZ_Rep2_peak_8766	50
27237188	27240248	H2AZ_Rep2_peak_8766	50
27255431	27256059	H2AZ_Rep2_peak_8768	25
27303486	27304209	H2AZ_Rep2_peak_8769	34
27340425	27340840	H2AZ_Rep2_peak_8770	28
27383812	27385550	H2AZ_Rep2_peak_8771	225
27416528	27418001	H2AZ_Rep2_peak_8772	18
27485693	27486116	H2AZ_Rep2_peak_8773	39
27492438	27495441	H2AZ_Rep2_peak_8775	141
27527614	27529273	H2AZ_Rep2_peak_8776	392
27676820	27679002	H2AZ_Rep2_peak_8781	24
27720285	27723154	H2AZ_Rep2_peak_8782	116
27739251	27741252	H2AZ_Rep2_peak_8783	105
27792162	27792704	H2AZ_Rep2_peak_8784	38
27817446	27818790	H2AZ_Rep2_peak_8785	70
27903551	27904280	H2AZ_Rep2_peak_8787	21
27948582	27948882	H2AZ_Rep2_peak_8788	38
27955322	27956716	H2AZ_Rep2_peak_8789	86
28129026	28132684	H2AZ_Rep2_peak_8790	76
28144597	28145054	H2AZ_Rep2_peak_8791	50
28364780	28365360	H2AZ_Rep2_peak_8792	21
28527193	28527576	H2AZ_Rep2_peak_8793	13

28587668	28589122	H2AZ_Rep2_peak_8794	25
28723495	28724626	H2AZ_Rep2_peak_8795	16
28791246	28792278	H2AZ_Rep2_peak_8796	25
29141062	29142252	H2AZ_Rep2_peak_8799	115
29206266	29207479	H2AZ_Rep2_peak_8800	17
29282673	29283461	H2AZ_Rep2_peak_8801	79
29287406	29287785	H2AZ_Rep2_peak_8802	11
29301570	29303962	H2AZ_Rep2_peak_8804	39
29322047	29322352	H2AZ_Rep2_peak_8805	33
29350421	29351083	H2AZ_Rep2_peak_8807	19
29364884	29365434	H2AZ_Rep2_peak_8808	40
29455576	29457328	H2AZ_Rep2_peak_8809	25
29504056	29504416	H2AZ_Rep2_peak_8812	49
29499994	29501424	H2AZ_Rep2_peak_8811	37
29548637	29549589	H2AZ_Rep2_peak_8818	28
30343762	30345488	H2AZ_Rep2_peak_8828	121
30508779	30510269	H2AZ_Rep2_peak_8829	29
31356329	31357061	H2AZ_Rep2_peak_8833	51
31390501	31391925	H2AZ_Rep2_peak_8834	172
31530548	31532669	H2AZ_Rep2_peak_8835	177
31829918	31833108	H2AZ_Rep2_peak_8836	87
31838536	31839090	H2AZ_Rep2_peak_8837	46
32017250	32018110	H2AZ_Rep2_peak_8838	19
32023308	32023907	H2AZ_Rep2_peak_8839	76
32102722	32103261	H2AZ_Rep2_peak_8842	34
32109100	32110623	H2AZ_Rep2_peak_8844	52
32111872	32113553	H2AZ_Rep2_peak_8845	80
32333295	32335460	H2AZ_Rep2_peak_8853	82
32395876	32396575	H2AZ_Rep2_peak_8855	174
32604570	32606384	H2AZ_Rep2_peak_8863	213
32850846	32852355	H2AZ_Rep2_peak_8865	113
32913587	32916249	H2AZ_Rep2_peak_8868	55
33021836	33023476	H2AZ_Rep2_peak_8869	24
33031871	33033782	H2AZ_Rep2_peak_8871	33
33036848	33040641	H2AZ_Rep2_peak_8872	90
33060303	33062145	H2AZ_Rep2_peak_8873	211
33182685	33183785	H2AZ_Rep2_peak_8876	53
33276278	33280458	H2AZ_Rep2_peak_8880	43
33394240	33395379	H2AZ_Rep2_peak_8881	44
33654870	33656256	H2AZ_Rep2_peak_8887	51
33710503	33715146	H2AZ_Rep2_peak_8891	56
33722021	33723114	H2AZ_Rep2_peak_8892	54
33756716	33760065	H2AZ_Rep2_peak_8894	72

33795043	33796802	H2AZ_Rep2_peak_8895	102
33890248	33892498	H2AZ_Rep2_peak_8903	31
33933987	33934527	H2AZ_Rep2_peak_8905	55
33951526	33953152	H2AZ_Rep2_peak_8906	68
33962590	33964765	H2AZ_Rep2_peak_8908	164
33974379	33974688	H2AZ_Rep2_peak_8909	37
34018189	34019791	H2AZ_Rep2_peak_8916	107
34066071	34067251	H2AZ_Rep2_peak_8919	184
34072461	34074957	H2AZ_Rep2_peak_8920	35
34126458	34127939	H2AZ_Rep2_peak_8921	162
34255586	34256140	H2AZ_Rep2_peak_8924	26
34295892	34297122	H2AZ_Rep2_peak_8928	96
34366244	34366988	H2AZ_Rep2_peak_8931	16
34378415	34381194	H2AZ_Rep2_peak_8932	262
34415998	34418873	H2AZ_Rep2_peak_8934	70
34426256	34427527	H2AZ_Rep2_peak_8935	94
34447677	34449506	H2AZ_Rep2_peak_8938	38
34459753	34461712	H2AZ_Rep2_peak_8939	106
34521753	34529002	H2AZ_Rep2_peak_8942	59
34585338	34586902	H2AZ_Rep2_peak_8949	103
34606916	34608620	H2AZ_Rep2_peak_8950	52
34620668	34623772	H2AZ_Rep2_peak_8951	54
34625241	34625726	H2AZ_Rep2_peak_8952	24
34653831	34657415	H2AZ_Rep2_peak_8955	49
34658832	34666799	H2AZ_Rep2_peak_8956	39
34658832	34666799	H2AZ_Rep2_peak_8956	39
34674457	34677291	H2AZ_Rep2_peak_8958	51
34702478	34703152	H2AZ_Rep2_peak_8960	28
34830840	34832025	H2AZ_Rep2_peak_8965	21
34851448	34852425	H2AZ_Rep2_peak_8967	16
34937017	34939054	H2AZ_Rep2_peak_8970	172
35029915	35032593	H2AZ_Rep2_peak_8971	39
35051612	35053921	H2AZ_Rep2_peak_8972	42
35099556	35101761	H2AZ_Rep2_peak_8975	40
35103841	35106474	H2AZ_Rep2_peak_8976	80
35118707	35121580	H2AZ_Rep2_peak_8978	16
35132129	35133914	H2AZ_Rep2_peak_8979	116
35159919	35161513	H2AZ_Rep2_peak_8983	134
35296528	35298984	H2AZ_Rep2_peak_8984	82
35324326	35327565	H2AZ_Rep2_peak_8985	51
35373358	35374434	H2AZ_Rep2_peak_8989	40
35384277	35387486	H2AZ_Rep2_peak_8990	30
35394517	35395394	H2AZ_Rep2_peak_8991	50

35412849	35415785	H2AZ_Rep2_peak_8992	27
35574299	35576783	H2AZ_Rep2_peak_8997	16
35589601	35590092	H2AZ_Rep2_peak_9000	18
35600990	35602058	H2AZ_Rep2_peak_9001	89
35639900	35642188	H2AZ_Rep2_peak_9002	143
35669166	35669612	H2AZ_Rep2_peak_9004	30
35682922	35685397	H2AZ_Rep2_peak_9005	313
35842400	35843841	H2AZ_Rep2_peak_9008	80
35898557	35899893	H2AZ_Rep2_peak_9010	12
35948599	35950017	H2AZ_Rep2_peak_9011	59
35964870	35966856	H2AZ_Rep2_peak_9012	119
36310250	36312842	H2AZ_Rep2_peak_9014	211
36319169	36319588	H2AZ_Rep2_peak_9015	17
36382285	36385404	H2AZ_Rep2_peak_9018	64
36393683	36394659	H2AZ_Rep2_peak_9020	38
36397537	36398712	H2AZ_Rep2_peak_9021	20
36471634	36472717	H2AZ_Rep2_peak_9024	37
36477019	36478169	H2AZ_Rep2_peak_9025	44
36531072	36532650	H2AZ_Rep2_peak_9026	199
36615202	36616792	H2AZ_Rep2_peak_9028	91
39392860	39393610	H2AZ_Rep2_peak_9037	33
40350696	40351427	H2AZ_Rep2_peak_9038	23
41599789	41600442	H2AZ_Rep2_peak_9040	45
43333172	43334253	H2AZ_Rep2_peak_9047	99
43379561	43381611	H2AZ_Rep2_peak_9048	97
43529575	43530213	H2AZ_Rep2_peak_9050	32
43594557	43594903	H2AZ_Rep2_peak_9052	12
43664580	43666739	H2AZ_Rep2_peak_9053	121
43701849	43703198	H2AZ_Rep2_peak_9054	33
43901891	43902797	H2AZ_Rep2_peak_9055	34
43941742	43943995	H2AZ_Rep2_peak_9056	36
43958565	43959779	H2AZ_Rep2_peak_9057	51
44087341	44089065	H2AZ_Rep2_peak_9059	107
44116828	44118382	H2AZ_Rep2_peak_9060	31
44307338	44308055	H2AZ_Rep2_peak_9061	29
44321278	44323949	H2AZ_Rep2_peak_9062	49
44559713	44561198	H2AZ_Rep2_peak_9070	54
44576885	44579209	H2AZ_Rep2_peak_9071	81
44585769	44588853	H2AZ_Rep2_peak_9072	87
44628593	44629890	H2AZ_Rep2_peak_9074	24
44702554	44703349	H2AZ_Rep2_peak_9077	25
44749059	44749786	H2AZ_Rep2_peak_9081	30
44999249	45003483	H2AZ_Rep2_peak_9087	61

45066458	45068246	H2AZ_Rep2_peak_9091	51
45149724	45150133	H2AZ_Rep2_peak_9096	25
45165577	45169586	H2AZ_Rep2_peak_9098	123
45201183	45205169	H2AZ_Rep2_peak_9099	89
45272447	45276206	H2AZ_Rep2_peak_9102	36
45279972	45282115	H2AZ_Rep2_peak_9103	17
45286090	45287193	H2AZ_Rep2_peak_9104	34
45353828	45356146	H2AZ_Rep2_peak_9106	22
45361614	45362053	H2AZ_Rep2_peak_9107	21
45675848	45676998	H2AZ_Rep2_peak_9123	20
45792594	45793970	H2AZ_Rep2_peak_9131	312
45825378	45827899	H2AZ_Rep2_peak_9134	153
45863730	45865280	H2AZ_Rep2_peak_9137	62
45867007	45869924	H2AZ_Rep2_peak_9138	204
45919703	45921588	H2AZ_Rep2_peak_9141	22
45937740	45941738	H2AZ_Rep2_peak_9142	280
46140539	46144258	H2AZ_Rep2_peak_9143	81
46148472	46149636	H2AZ_Rep2_peak_9144	83
46231565	46233302	H2AZ_Rep2_peak_9151	66
46258359	46261304	H2AZ_Rep2_peak_9153	138
46264318	46265522	H2AZ_Rep2_peak_9154	162
46268732	46273473	H2AZ_Rep2_peak_9155	55
46287254	46287641	H2AZ_Rep2_peak_9158	15
46292987	46298567	H2AZ_Rep2_peak_9159	103
46292987	46298567	H2AZ_Rep2_peak_9159	103
46302885	46303494	H2AZ_Rep2_peak_9161	23
46312170	46313246	H2AZ_Rep2_peak_9162	36
46314757	46316880	H2AZ_Rep2_peak_9163	59
46320739	46321706	H2AZ_Rep2_peak_9164	25
46328426	46331976	H2AZ_Rep2_peak_9165	46
46336111	46338149	H2AZ_Rep2_peak_9166	95
46355583	46361705	H2AZ_Rep2_peak_9170	124
46367703	46370044	H2AZ_Rep2_peak_9172	100
46384588	46385857	H2AZ_Rep2_peak_9173	29
46401996	46402808	H2AZ_Rep2_peak_9175	53
46408428	46411645	H2AZ_Rep2_peak_9177	44
46614711	46616603	H2AZ_Rep2_peak_9178	119
46637920	46639791	H2AZ_Rep2_peak_9179	110
46721461	46723133	H2AZ_Rep2_peak_9181	203
46739570	46743191	H2AZ_Rep2_peak_9183	102
46866985	46868545	H2AZ_Rep2_peak_9185	127
46939311	46943574	H2AZ_Rep2_peak_9191	34
46956791	46959066	H2AZ_Rep2_peak_9192	112

47197581	47199707	H2AZ_Rep2_peak_9193	122
47206524	47211534	H2AZ_Rep2_peak_9194	61
47206524	47211534	H2AZ_Rep2_peak_9194	61
47215169	47216800	H2AZ_Rep2_peak_9195	124
47226004	47226700	H2AZ_Rep2_peak_9197	66
47234591	47238235	H2AZ_Rep2_peak_9199	136
47269553	47271451	H2AZ_Rep2_peak_9200	440
47278599	47281508	H2AZ_Rep2_peak_9201	134
47289927	47292465	H2AZ_Rep2_peak_9202	125
47357600	47361488	H2AZ_Rep2_peak_9204	29
47365886	47370570	H2AZ_Rep2_peak_9206	24
47372395	47383564	H2AZ_Rep2_peak_9207	38
47372395	47383564	H2AZ_Rep2_peak_9207	38
47393418	47400525	H2AZ_Rep2_peak_9210	77
47393418	47400525	H2AZ_Rep2_peak_9210	77
47402597	47405271	H2AZ_Rep2_peak_9211	36
47408714	47410821	H2AZ_Rep2_peak_9212	19
47412764	47413392	H2AZ_Rep2_peak_9213	37
47419987	47420542	H2AZ_Rep2_peak_9215	13
47422081	47422986	H2AZ_Rep2_peak_9216	19
47428519	47430995	H2AZ_Rep2_peak_9218	266
47447197	47450998	H2AZ_Rep2_peak_9221	221
47573816	47575295	H2AZ_Rep2_peak_9229	135
47586370	47588233	H2AZ_Rep2_peak_9230	302
47599688	47601664	H2AZ_Rep2_peak_9231	253
47663172	47665106	H2AZ_Rep2_peak_9236	169
47703987	47704711	H2AZ_Rep2_peak_9242	18
47736295	47737112	H2AZ_Rep2_peak_9244	32
47787724	47791350	H2AZ_Rep2_peak_9245	50
47869266	47870762	H2AZ_Rep2_peak_9246	234
47878861	47886973	H2AZ_Rep2_peak_9248	50
47878861	47886973	H2AZ_Rep2_peak_9248	50
47891027	47895844	H2AZ_Rep2_peak_9249	55
47891027	47895844	H2AZ_Rep2_peak_9249	55
47900776	47903106	H2AZ_Rep2_peak_9250	33
47929765	47931343	H2AZ_Rep2_peak_9253	52
47932861	47946432	H2AZ_Rep2_peak_9254	53
47932861	47946432	H2AZ_Rep2_peak_9254	53
47932861	47946432	H2AZ_Rep2_peak_9254	53
47949974	47950341	H2AZ_Rep2_peak_9255	34
47954322	47956423	H2AZ_Rep2_peak_9256	20
47957724	47964247	H2AZ_Rep2_peak_9257	93
47965605	47966675	H2AZ_Rep2_peak_9258	46

47976765	47977304	H2AZ_Rep2_peak_9260	39
47982452	47983473	H2AZ_Rep2_peak_9261	58
47987371	47989943	H2AZ_Rep2_peak_9262	20
47995118	47996482	H2AZ_Rep2_peak_9263	30
47999579	48003835	H2AZ_Rep2_peak_9264	46
48131119	48131903	H2AZ_Rep2_peak_9269	101
48212705	48213437	H2AZ_Rep2_peak_9272	25
57044787	57049011	H2AZ_Rep2_peak_9294	91
57092616	57093545	H2AZ_Rep2_peak_9297	63
57102480	57104147	H2AZ_Rep2_peak_9298	88
57112308	57113446	H2AZ_Rep2_peak_9299	152
57116983	57117871	H2AZ_Rep2_peak_9300	138
57225021	57228724	H2AZ_Rep2_peak_9304	38
57243241	57245491	H2AZ_Rep2_peak_9305	104
57260608	57262182	H2AZ_Rep2_peak_9307	60
57265996	57269792	H2AZ_Rep2_peak_9308	86
57297376	57299541	H2AZ_Rep2_peak_9309	98
57333255	57337163	H2AZ_Rep2_peak_9313	49
57412010	57413569	H2AZ_Rep2_peak_9317	24
57424276	57425790	H2AZ_Rep2_peak_9319	90
57433786	57436382	H2AZ_Rep2_peak_9320	103
57479144	57480631	H2AZ_Rep2_peak_9321	113
57508349	57509857	H2AZ_Rep2_peak_9322	112
57528657	57530006	H2AZ_Rep2_peak_9323	82
57669393	57674631	H2AZ_Rep2_peak_9324	72
58340840	58341579	H2AZ_Rep2_peak_9329	33
58345071	58347443	H2AZ_Rep2_peak_9331	28
58873805	58876023	H2AZ_Rep2_peak_9332	69
58903186	58905367	H2AZ_Rep2_peak_9333	62
58909484	58913052	H2AZ_Rep2_peak_9334	91
58939042	58941833	H2AZ_Rep2_peak_9335	129
59276179	59277020	H2AZ_Rep2_peak_9337	27
59304186	59305682	H2AZ_Rep2_peak_9339	66
59316354	59320641	H2AZ_Rep2_peak_9340	82
59323156	59325582	H2AZ_Rep2_peak_9341	35
59327847	59328812	H2AZ_Rep2_peak_9342	146
59332430	59333871	H2AZ_Rep2_peak_9343	78
59382233	59384408	H2AZ_Rep2_peak_9344	105
59435701	59437727	H2AZ_Rep2_peak_9345	112
59521548	59523650	H2AZ_Rep2_peak_9346	170
59577685	59579086	H2AZ_Rep2_peak_9347	139
59590111	59590660	H2AZ_Rep2_peak_9348	40
59624019	59625988	H2AZ_Rep2_peak_9350	45



59643662	59643964	H2AZ_Rep2_peak_9351	17
59646114	59648177	H2AZ_Rep2_peak_9352	20
59665974	59667370	H2AZ_Rep2_peak_9353	32
59668976	59670687	H2AZ_Rep2_peak_9354	28
60539285	60539762	H2AZ_Rep2_peak_9364	19
60543028	60545375	H2AZ_Rep2_peak_9365	41
60608474	60611265	H2AZ_Rep2_peak_9373	141
60673268	60674878	H2AZ_Rep2_peak_9374	82
60679987	60683503	H2AZ_Rep2_peak_9375	151
60691118	60693234	H2AZ_Rep2_peak_9376	84
60719792	60720646	H2AZ_Rep2_peak_9378	59
60849695	60850267	H2AZ_Rep2_peak_9386	20
60896819	60897972	H2AZ_Rep2_peak_9387	56
60927630	60930301	H2AZ_Rep2_peak_9388	83
61043975	61046162	H2AZ_Rep2_peak_9393	17
61047814	61049465	H2AZ_Rep2_peak_9394	22
61099887	61104522	H2AZ_Rep2_peak_9397	90
61128552	61130462	H2AZ_Rep2_peak_9398	272
61159477	61160948	H2AZ_Rep2_peak_9399	114
61196739	61198162	H2AZ_Rep2_peak_9401	107
61266290	61266639	H2AZ_Rep2_peak_9404	47
61308281	61309574	H2AZ_Rep2_peak_9409	25
61318736	61322050	H2AZ_Rep2_peak_9411	53
61318736	61322050	H2AZ_Rep2_peak_9411	53
61348171	61350176	H2AZ_Rep2_peak_9412	26
61354895	61356391	H2AZ_Rep2_peak_9413	48
61370416	61371542	H2AZ_Rep2_peak_9415	58
61447346	61448864	H2AZ_Rep2_peak_9420	115
61455889	61456872	H2AZ_Rep2_peak_9421	98
61462933	61465169	H2AZ_Rep2_peak_9422	104
61466640	61469071	H2AZ_Rep2_peak_9423	21
61514794	61515892	H2AZ_Rep2_peak_9425	165
61523423	61525316	H2AZ_Rep2_peak_9427	88
61538769	61540573	H2AZ_Rep2_peak_9429	107
61559513	61561149	H2AZ_Rep2_peak_9431	134
61581641	61585090	H2AZ_Rep2_peak_9432	37
61637292	61639293	H2AZ_Rep2_peak_9433	89
61658058	61661986	H2AZ_Rep2_peak_9435	88
61683925	61687460	H2AZ_Rep2_peak_9437	81
61714754	61715404	H2AZ_Rep2_peak_9440	157
61738467	61743025	H2AZ_Rep2_peak_9443	41
61746064	61748791	H2AZ_Rep2_peak_9444	83
61780086	61781589	H2AZ_Rep2_peak_9445	37

61800731	61802377	H2AZ_Rep2_peak_9448	28
61809431	61811845	H2AZ_Rep2_peak_9449	110
61814989	61815762	H2AZ_Rep2_peak_9450	22
61848961	61849843	H2AZ_Rep2_peak_9453	45
61875928	61877220	H2AZ_Rep2_peak_9454	21
61879820	61880369	H2AZ_Rep2_peak_9455	94
61889849	61893044	H2AZ_Rep2_peak_9456	154
62104436	62105735	H2AZ_Rep2_peak_9463	72
62165508	62168632	H2AZ_Rep2_peak_9467	30
62191929	62196626	H2AZ_Rep2_peak_9470	71
62207368	62208309	H2AZ_Rep2_peak_9473	53
62216646	62217513	H2AZ_Rep2_peak_9474	47
62239330	62240689	H2AZ_Rep2_peak_9476	92
62264386	62265023	H2AZ_Rep2_peak_9477	48
62266971	62267577	H2AZ_Rep2_peak_9478	44
62275654	62276593	H2AZ_Rep2_peak_9480	46
62312001	62315513	H2AZ_Rep2_peak_9482	56
62320242	62324577	H2AZ_Rep2_peak_9483	49
62320242	62324577	H2AZ_Rep2_peak_9483	49
62340565	62342599	H2AZ_Rep2_peak_9484	132
62358495	62361332	H2AZ_Rep2_peak_9485	100
62368486	62370490	H2AZ_Rep2_peak_9486	59
62378823	62382226	H2AZ_Rep2_peak_9487	88
62388528	62390515	H2AZ_Rep2_peak_9488	86
62413262	62414122	H2AZ_Rep2_peak_9491	78
62419254	62423015	H2AZ_Rep2_peak_9492	58
62432090	62433758	H2AZ_Rep2_peak_9493	72
62436939	62440038	H2AZ_Rep2_peak_9494	140
62446033	62450207	H2AZ_Rep2_peak_9495	172
62472853	62474148	H2AZ_Rep2_peak_9496	100
62493815	62497339	H2AZ_Rep2_peak_9497	241
62520842	62523005	H2AZ_Rep2_peak_9498	296
62528391	62529754	H2AZ_Rep2_peak_9500	223
62537270	62539582	H2AZ_Rep2_peak_9501	167
62553740	62555616	H2AZ_Rep2_peak_9503	76
62558102	62560087	H2AZ_Rep2_peak_9504	90
62571977	62573476	H2AZ_Rep2_peak_9505	70
62598466	62600221	H2AZ_Rep2_peak_9506	73
62606438	62610218	H2AZ_Rep2_peak_9507	121
62606438	62610218	H2AZ_Rep2_peak_9507	121
62623442	62625048	H2AZ_Rep2_peak_9508	100
62647997	62648905	H2AZ_Rep2_peak_9509	62
62672885	62677437	H2AZ_Rep2_peak_9510	45

62672885	62677437	H2AZ_Rep2_peak_9510	45
62688488	62689924	H2AZ_Rep2_peak_9511	95
62742214	62743116	H2AZ_Rep2_peak_9513	24
62791244	62792638	H2AZ_Rep2_peak_9517	76
62802969	62803375	H2AZ_Rep2_peak_9518	34
63276213	63278723	H2AZ_Rep2_peak_9519	32
63302619	63307626	H2AZ_Rep2_peak_9521	51
63327912	63328818	H2AZ_Rep2_peak_9522	73
63330568	63335629	H2AZ_Rep2_peak_9523	41
63330568	63335629	H2AZ_Rep2_peak_9523	41
63381005	63382474	H2AZ_Rep2_peak_9524	132
63437510	63441477	H2AZ_Rep2_peak_9525	102
63447846	63449959	H2AZ_Rep2_peak_9526	111
63534788	63537608	H2AZ_Rep2_peak_9527	31
63568636	63572085	H2AZ_Rep2_peak_9528	134
63580035	63581964	H2AZ_Rep2_peak_9529	148
63604681	63607429	H2AZ_Rep2_peak_9530	70
63683940	63687526	H2AZ_Rep2_peak_9531	91
63704983	63707231	H2AZ_Rep2_peak_9532	152
63741493	63742731	H2AZ_Rep2_peak_9533	209
63752960	63754372	H2AZ_Rep2_peak_9534	87
63932019	63936227	H2AZ_Rep2_peak_9536	101
63948639	63949617	H2AZ_Rep2_peak_9537	36
63951286	63954960	H2AZ_Rep2_peak_9538	85
63993100	63994535	H2AZ_Rep2_peak_9539	123
63997282	63998653	H2AZ_Rep2_peak_9540	63
64001022	64002847	H2AZ_Rep2_peak_9541	30
64007901	64009881	H2AZ_Rep2_peak_9542	43
64013356	64015370	H2AZ_Rep2_peak_9543	96
64018341	64020067	H2AZ_Rep2_peak_9544	58
64036271	64039443	H2AZ_Rep2_peak_9545	82
64051510	64054121	H2AZ_Rep2_peak_9547	52
64068293	64069486	H2AZ_Rep2_peak_9549	24
64071405	64074090	H2AZ_Rep2_peak_9550	56
64085104	64086998	H2AZ_Rep2_peak_9551	74
64098457	64100194	H2AZ_Rep2_peak_9552	219
64109659	64110941	H2AZ_Rep2_peak_9554	91
64114533	64117207	H2AZ_Rep2_peak_9556	58
64122365	64127398	H2AZ_Rep2_peak_9557	86
64122365	64127398	H2AZ_Rep2_peak_9557	86
64165989	64168272	H2AZ_Rep2_peak_9562	114
64215546	64217192	H2AZ_Rep2_peak_9567	107
64312622	64314141	H2AZ_Rep2_peak_9573	91

64332785	64335096	H2AZ_Rep2_peak_9575	46
64419498	64424195	H2AZ_Rep2_peak_9580	54
64419498	64424195	H2AZ_Rep2_peak_9580	54
64425685	64428094	H2AZ_Rep2_peak_9581	42
64454278	64457242	H2AZ_Rep2_peak_9585	104
64490660	64492677	H2AZ_Rep2_peak_9588	74
64509581	64511669	H2AZ_Rep2_peak_9590	118
64546810	64547447	H2AZ_Rep2_peak_9591	47
64569988	64571903	H2AZ_Rep2_peak_9592	48
64577003	64578945	H2AZ_Rep2_peak_9593	129
64602512	64603293	H2AZ_Rep2_peak_9595	94
64609864	64613232	H2AZ_Rep2_peak_9596	110
64614710	64617350	H2AZ_Rep2_peak_9597	33
64621982	64626533	H2AZ_Rep2_peak_9598	38
64644225	64647100	H2AZ_Rep2_peak_9599	103
64651867	64656801	H2AZ_Rep2_peak_9600	119
64683436	64686074	H2AZ_Rep2_peak_9601	68
64690944	64692863	H2AZ_Rep2_peak_9602	202
64763785	64764980	H2AZ_Rep2_peak_9604	154
64774208	64775744	H2AZ_Rep2_peak_9606	49
64780402	64782567	H2AZ_Rep2_peak_9607	145
64793746	64795855	H2AZ_Rep2_peak_9608	129
64807258	64809531	H2AZ_Rep2_peak_9609	106
64836586	64837892	H2AZ_Rep2_peak_9612	45
64850915	64852249	H2AZ_Rep2_peak_9615	73
64861917	64864687	H2AZ_Rep2_peak_9616	172
64877906	64878242	H2AZ_Rep2_peak_9617	27
64884167	64885630	H2AZ_Rep2_peak_9619	43
64889021	64890388	H2AZ_Rep2_peak_9620	169
64901115	64903230	H2AZ_Rep2_peak_9621	165
64916252	64919020	H2AZ_Rep2_peak_9622	116
64936231	64937250	H2AZ_Rep2_peak_9624	43
64948088	64950427	H2AZ_Rep2_peak_9625	96
64986913	64987628	H2AZ_Rep2_peak_9626	63
65028516	65030160	H2AZ_Rep2_peak_9633	226
65081062	65084643	H2AZ_Rep2_peak_9637	42
65096982	65097520	H2AZ_Rep2_peak_9638	30
65100904	65101966	H2AZ_Rep2_peak_9639	138
65121727	65124337	H2AZ_Rep2_peak_9640	68
65133674	65134489	H2AZ_Rep2_peak_9641	65
65149144	65154674	H2AZ_Rep2_peak_9643	86
65149144	65154674	H2AZ_Rep2_peak_9643	86
65244768	65247323	H2AZ_Rep2_peak_9647	20

65291697	65293538	H2AZ_Rep2_peak_9651	55
65307468	65309461	H2AZ_Rep2_peak_9652	186
65313375	65314592	H2AZ_Rep2_peak_9653	104
65318337	65320187	H2AZ_Rep2_peak_9654	80
65326030	65328939	H2AZ_Rep2_peak_9656	50
65336681	65340523	H2AZ_Rep2_peak_9659	116
65341969	65344659	H2AZ_Rep2_peak_9660	57
65381323	65383994	H2AZ_Rep2_peak_9661	35
65405229	65406303	H2AZ_Rep2_peak_9663	51
65418966	65420900	H2AZ_Rep2_peak_9664	69
65429774	65431469	H2AZ_Rep2_peak_9665	146
65478812	65480237	H2AZ_Rep2_peak_9667	166
65487453	65489278	H2AZ_Rep2_peak_9668	116
65510128	65512703	H2AZ_Rep2_peak_9669	105
65547564	65548284	H2AZ_Rep2_peak_9670	117
65559436	65561242	H2AZ_Rep2_peak_9671	31
65584658	65586202	H2AZ_Rep2_peak_9672	88
65624564	65628988	H2AZ_Rep2_peak_9675	80
65640553	65641691	H2AZ_Rep2_peak_9676	129
65655035	65659149	H2AZ_Rep2_peak_9677	109
65665977	65667438	H2AZ_Rep2_peak_9678	19
65670436	65671301	H2AZ_Rep2_peak_9679	77
65676550	65680058	H2AZ_Rep2_peak_9680	98
65685913	65688127	H2AZ_Rep2_peak_9682	64
65728439	65729659	H2AZ_Rep2_peak_9688	163
65768970	65770629	H2AZ_Rep2_peak_9690	177
65774621	65776530	H2AZ_Rep2_peak_9691	28
65782412	65784223	H2AZ_Rep2_peak_9693	133
65786179	65790720	H2AZ_Rep2_peak_9694	76
65811908	65813242	H2AZ_Rep2_peak_9698	100
65816968	65820517	H2AZ_Rep2_peak_9700	87
65835464	65838848	H2AZ_Rep2_peak_9701	32
65886894	65888360	H2AZ_Rep2_peak_9702	21
66024495	66026338	H2AZ_Rep2_peak_9704	124
66035464	66037008	H2AZ_Rep2_peak_9705	70
66056033	66057835	H2AZ_Rep2_peak_9706	109
66078430	66080932	H2AZ_Rep2_peak_9707	185
66085433	66086337	H2AZ_Rep2_peak_9708	47
66091785	66096580	H2AZ_Rep2_peak_9709	117
66091785	66096580	H2AZ_Rep2_peak_9709	117
66102780	66104192	H2AZ_Rep2_peak_9710	51
66111929	66116863	H2AZ_Rep2_peak_9712	147
66137571	66141140	H2AZ_Rep2_peak_9713	77

66153557	66154414	H2AZ_Rep2_peak_9714	52
66156273	66156692	H2AZ_Rep2_peak_9715	54
66205429	66206908	H2AZ_Rep2_peak_9717	269
66232626	66234985	H2AZ_Rep2_peak_9721	93
66246697	66248600	H2AZ_Rep2_peak_9722	139
66276773	66278761	H2AZ_Rep2_peak_9723	177
66312726	66317867	H2AZ_Rep2_peak_9724	82
66346592	66347219	H2AZ_Rep2_peak_9727	29
66359700	66361294	H2AZ_Rep2_peak_9728	206
66382560	66384889	H2AZ_Rep2_peak_9729	96
66404984	66406513	H2AZ_Rep2_peak_9730	68
66444620	66446261	H2AZ_Rep2_peak_9731	135
66474477	66476129	H2AZ_Rep2_peak_9732	69
66487616	66488294	H2AZ_Rep2_peak_9733	42
66494550	66496605	H2AZ_Rep2_peak_9734	89
66510635	66513481	H2AZ_Rep2_peak_9735	121
66610021	66612657	H2AZ_Rep2_peak_9736	63
66623113	66625362	H2AZ_Rep2_peak_9737	132
66650672	66651273	H2AZ_Rep2_peak_9740	70
66724293	66726694	H2AZ_Rep2_peak_9743	64
66728856	66740136	H2AZ_Rep2_peak_9744	53
66728856	66740136	H2AZ_Rep2_peak_9744	53
66741392	66743311	H2AZ_Rep2_peak_9745	58
66741392	66743311	H2AZ_Rep2_peak_9745	58
66749080	66753750	H2AZ_Rep2_peak_9746	24
66749080	66753750	H2AZ_Rep2_peak_9746	24
66755021	66756010	H2AZ_Rep2_peak_9747	22
66764354	66765017	H2AZ_Rep2_peak_9748	61
66773633	66774697	H2AZ_Rep2_peak_9750	285
66789000	66792457	H2AZ_Rep2_peak_9751	130
66821304	66825213	H2AZ_Rep2_peak_9756	114
66844131	66851155	H2AZ_Rep2_peak_9757	118
66844131	66851155	H2AZ_Rep2_peak_9757	118
66862471	66863067	H2AZ_Rep2_peak_9758	33
66866309	66868031	H2AZ_Rep2_peak_9759	24
66884906	66888140	H2AZ_Rep2_peak_9762	48
67029670	67031008	H2AZ_Rep2_peak_9764	99
67033136	67034384	H2AZ_Rep2_peak_9765	152
67055279	67057848	H2AZ_Rep2_peak_9766	64
67069595	67072417	H2AZ_Rep2_peak_9767	42
67083839	67086237	H2AZ_Rep2_peak_9769	189
67120491	67125548	H2AZ_Rep2_peak_9771	50
67140983	67142486	H2AZ_Rep2_peak_9772	30

67144423	67148399	H2AZ_Rep2_peak_9773	54
67158499	67160202	H2AZ_Rep2_peak_9774	93
67166922	67169914	H2AZ_Rep2_peak_9775	59
67187911	67191023	H2AZ_Rep2_peak_9776	65
67195141	67196990	H2AZ_Rep2_peak_9777	208
67230711	67233048	H2AZ_Rep2_peak_9780	55
67235928	67238259	H2AZ_Rep2_peak_9781	92
67249831	67251325	H2AZ_Rep2_peak_9782	134
67272240	67273557	H2AZ_Rep2_peak_9783	55
67274812	67276875	H2AZ_Rep2_peak_9784	171
67306997	67308192	H2AZ_Rep2_peak_9786	13
67310978	67314524	H2AZ_Rep2_peak_9787	23
67331040	67331724	H2AZ_Rep2_peak_9789	23
67339793	67341005	H2AZ_Rep2_peak_9790	55
67372249	67375198	H2AZ_Rep2_peak_9793	169
67396778	67398815	H2AZ_Rep2_peak_9794	184
67432998	67433728	H2AZ_Rep2_peak_9795	104
67572131	67574060	H2AZ_Rep2_peak_9798	41
67593568	67594343	H2AZ_Rep2_peak_9799	48
67722986	67723353	H2AZ_Rep2_peak_9800	106
67764303	67765006	H2AZ_Rep2_peak_9801	78
67771006	67772919	H2AZ_Rep2_peak_9802	71
67774641	67785610	H2AZ_Rep2_peak_9803	35
67796976	67798929	H2AZ_Rep2_peak_9805	150
67805803	67807776	H2AZ_Rep2_peak_9806	97
67887994	67891039	H2AZ_Rep2_peak_9807	58
67912135	67919054	H2AZ_Rep2_peak_9810	73
67912135	67919054	H2AZ_Rep2_peak_9810	73
67979711	67982640	H2AZ_Rep2_peak_9811	124
68023760	68025598	H2AZ_Rep2_peak_9814	144
68038239	68040292	H2AZ_Rep2_peak_9815	76
68043198	68044411	H2AZ_Rep2_peak_9816	48
68063946	68066810	H2AZ_Rep2_peak_9818	59
68069971	68071950	H2AZ_Rep2_peak_9819	76
68078663	68083156	H2AZ_Rep2_peak_9820	42
68121429	68122916	H2AZ_Rep2_peak_9821	78
68227028	68228804	H2AZ_Rep2_peak_9825	48
68450000	68453757	H2AZ_Rep2_peak_9830	101
68518680	68519516	H2AZ_Rep2_peak_9834	40
68604830	68613269	H2AZ_Rep2_peak_9835	77
68624162	68625811	H2AZ_Rep2_peak_9837	25
68670762	68672235	H2AZ_Rep2_peak_9838	344
68740895	68745530	H2AZ_Rep2_peak_9842	113

68774463	68779029	H2AZ_Rep2_peak_9845	45
68811010	68812378	H2AZ_Rep2_peak_9846	150
68815471	68817288	H2AZ_Rep2_peak_9847	82
68847619	68848445	H2AZ_Rep2_peak_9849	74
68882522	68883784	H2AZ_Rep2_peak_9850	84
68885262	68891841	H2AZ_Rep2_peak_9851	71
68899105	68899678	H2AZ_Rep2_peak_9852	26
68904602	68906839	H2AZ_Rep2_peak_9853	48
69055177	69056152	H2AZ_Rep2_peak_9860	20
69063932	69070106	H2AZ_Rep2_peak_9861	41
69063932	69070106	H2AZ_Rep2_peak_9861	41
69063932	69070106	H2AZ_Rep2_peak_9861	41
69150787	69152212	H2AZ_Rep2_peak_9862	17
69233830	69238539	H2AZ_Rep2_peak_9865	59
69250027	69252690	H2AZ_Rep2_peak_9868	105
69338840	69339799	H2AZ_Rep2_peak_9873	45
69414302	69414602	H2AZ_Rep2_peak_9874	20
69453156	69459730	H2AZ_Rep2_peak_9876	67
69450453	69451936	H2AZ_Rep2_peak_9875	112
69489103	69490771	H2AZ_Rep2_peak_9877	99
69500229	69500761	H2AZ_Rep2_peak_9878	31
69503259	69506982	H2AZ_Rep2_peak_9879	27
69510296	69512463	H2AZ_Rep2_peak_9880	44
69515174	69516059	H2AZ_Rep2_peak_9881	223
69518987	69519390	H2AZ_Rep2_peak_9882	48
69639722	69640922	H2AZ_Rep2_peak_9889	54
69706220	69706694	H2AZ_Rep2_peak_9894	36
69789256	69789556	H2AZ_Rep2_peak_9895	14
69793811	69797169	H2AZ_Rep2_peak_9896	94
69816092	69817110	H2AZ_Rep2_peak_9899	46
69957658	69958559	H2AZ_Rep2_peak_9903	47
69974375	69974764	H2AZ_Rep2_peak_9905	20
70005571	70007322	H2AZ_Rep2_peak_9907	31
70036820	70038032	H2AZ_Rep2_peak_9908	30
70048265	70050475	H2AZ_Rep2_peak_9909	185
70071791	70073335	H2AZ_Rep2_peak_9910	28
70089141	70091090	H2AZ_Rep2_peak_9913	22
70115854	70118229	H2AZ_Rep2_peak_9915	155
70243510	70246037	H2AZ_Rep2_peak_9916	162
70863590	70864681	H2AZ_Rep2_peak_9928	29
70950795	70953058	H2AZ_Rep2_peak_9937	72
70980900	70981201	H2AZ_Rep2_peak_9940	16
70997698	70998517	H2AZ_Rep2_peak_9943	31



71009762	71011913	H2AZ_Rep2_peak_9944	94
71053115	71054745	H2AZ_Rep2_peak_9949	54
71144148	71145047	H2AZ_Rep2_peak_9952	42
71158483	71160852	H2AZ_Rep2_peak_9953	196
71163684	71164965	H2AZ_Rep2_peak_9954	79
71290754	71291771	H2AZ_Rep2_peak_9958	25
71476299	71476599	H2AZ_Rep2_peak_9959	21
71497307	71499384	H2AZ_Rep2_peak_9961	85
71638886	71640610	H2AZ_Rep2_peak_9962	268
71780735	71781190	H2AZ_Rep2_peak_9964	48
71789826	71792473	H2AZ_Rep2_peak_9965	91
71813628	71815077	H2AZ_Rep2_peak_9966	67
71822791	71825820	H2AZ_Rep2_peak_9967	50
71827134	71830511	H2AZ_Rep2_peak_9968	20
71884053	71886171	H2AZ_Rep2_peak_9973	63
71899692	71903906	H2AZ_Rep2_peak_9975	27
71899692	71903906	H2AZ_Rep2_peak_9975	27
71931668	71936823	H2AZ_Rep2_peak_9977	47
71974199	71974686	H2AZ_Rep2_peak_9978	29
71977016	71977371	H2AZ_Rep2_peak_9979	29
72144808	72147934	H2AZ_Rep2_peak_9981	202
72158220	72159104	H2AZ_Rep2_peak_9982	47
72181527	72182743	H2AZ_Rep2_peak_9983	50
72186276	72187548	H2AZ_Rep2_peak_9984	24
72189553	72191774	H2AZ_Rep2_peak_9985	36
72193075	72195456	H2AZ_Rep2_peak_9986	122
72245540	72247648	H2AZ_Rep2_peak_9990	72
72263885	72265932	H2AZ_Rep2_peak_9996	21
72351306	72355178	H2AZ_Rep2_peak_10006	69
72446953	72448222	H2AZ_Rep2_peak_10010	20
72462396	72464431	H2AZ_Rep2_peak_10011	143
72503570	72506116	H2AZ_Rep2_peak_10015	136
72523753	72526868	H2AZ_Rep2_peak_10016	189
72532202	72533238	H2AZ_Rep2_peak_10017	73
72542652	72543196	H2AZ_Rep2_peak_10018	57
72851699	72856916	H2AZ_Rep2_peak_10019	190
72896240	72897786	H2AZ_Rep2_peak_10025	122
72901600	72906787	H2AZ_Rep2_peak_10026	39
72928535	72929886	H2AZ_Rep2_peak_10028	120
72948721	72954734	H2AZ_Rep2_peak_10030	78
72948721	72954734	H2AZ_Rep2_peak_10030	78
72959611	72961783	H2AZ_Rep2_peak_10032	19
72968545	72969914	H2AZ_Rep2_peak_10034	45

72999112	73002078	H2AZ_Rep2_peak_10041	273
73017416	73020718	H2AZ_Rep2_peak_10044	98
73045115	73045946	H2AZ_Rep2_peak_10045	52
73086663	73088576	H2AZ_Rep2_peak_10047	117
73308237	73310408	H2AZ_Rep2_peak_10048	181
73335290	73337839	H2AZ_Rep2_peak_10050	29
73356340	73357221	H2AZ_Rep2_peak_10053	14
73371783	73372342	H2AZ_Rep2_peak_10057	22
73470963	73473055	H2AZ_Rep2_peak_10058	70
73489563	73492301	H2AZ_Rep2_peak_10060	102
73494736	73495690	H2AZ_Rep2_peak_10061	26
73498109	73500551	H2AZ_Rep2_peak_10062	121
73586509	73588805	H2AZ_Rep2_peak_10063	151
73666988	73667665	H2AZ_Rep2_peak_10065	53
73674543	73675900	H2AZ_Rep2_peak_10066	47
73690982	73695716	H2AZ_Rep2_peak_10067	178
73881168	73883392	H2AZ_Rep2_peak_10069	111
73969344	73969727	H2AZ_Rep2_peak_10070	12
73978742	73980838	H2AZ_Rep2_peak_10072	47
73989676	73990423	H2AZ_Rep2_peak_10073	26
73999207	74000195	H2AZ_Rep2_peak_10074	26
74007543	74007960	H2AZ_Rep2_peak_10075	47
74108670	74110480	H2AZ_Rep2_peak_10078	186
74160583	74160988	H2AZ_Rep2_peak_10082	20
74203249	74205455	H2AZ_Rep2_peak_10087	159
74262114	74262610	H2AZ_Rep2_peak_10090	28
74302438	74304487	H2AZ_Rep2_peak_10094	141
74381219	74385945	H2AZ_Rep2_peak_10095	125
74397721	74399457	H2AZ_Rep2_peak_10098	18
74404471	74414144	H2AZ_Rep2_peak_10100	80
74404471	74414144	H2AZ_Rep2_peak_10100	80
74435625	74438182	H2AZ_Rep2_peak_10104	41
74458937	74461088	H2AZ_Rep2_peak_10107	114
74659482	74660865	H2AZ_Rep2_peak_10108	273
74699158	74700883	H2AZ_Rep2_peak_10109	102
74851676	74854826	H2AZ_Rep2_peak_10114	57
75050832	75052199	H2AZ_Rep2_peak_10122	24
75058830	75063715	H2AZ_Rep2_peak_10123	80
75091684	75092315	H2AZ_Rep2_peak_10126	71
75094284	75101113	H2AZ_Rep2_peak_10127	60
75109698	75110996	H2AZ_Rep2_peak_10129	124
75140300	75143544	H2AZ_Rep2_peak_10131	121
75203110	75204518	H2AZ_Rep2_peak_10134	79

75209275	75211697	H2AZ_Rep2_peak_10135	58
75236279	75240268	H2AZ_Rep2_peak_10137	54
75245227	75250905	H2AZ_Rep2_peak_10138	77
75268598	75274541	H2AZ_Rep2_peak_10141	81
75268598	75274541	H2AZ_Rep2_peak_10141	81
75313426	75315475	H2AZ_Rep2_peak_10143	18
75416638	75417784	H2AZ_Rep2_peak_10146	40
75433173	75435115	H2AZ_Rep2_peak_10148	26
75478229	75482666	H2AZ_Rep2_peak_10153	92
75523640	75527261	H2AZ_Rep2_peak_10160	135
75862761	75865040	H2AZ_Rep2_peak_10161	109
75916710	75920951	H2AZ_Rep2_peak_10167	93
75942206	75951237	H2AZ_Rep2_peak_10168	188
75976034	75978906	H2AZ_Rep2_peak_10171	44
75980378	75983301	H2AZ_Rep2_peak_10172	71
76001538	76003243	H2AZ_Rep2_peak_10174	37
76091088	76093085	H2AZ_Rep2_peak_10178	161
76154832	76157153	H2AZ_Rep2_peak_10182	100
76286231	76291232	H2AZ_Rep2_peak_10183	82
76299545	76300693	H2AZ_Rep2_peak_10184	24
76368613	76371020	H2AZ_Rep2_peak_10193	23
76411784	76413603	H2AZ_Rep2_peak_10200	30
76432605	76434390	H2AZ_Rep2_peak_10203	123
76461724	76464830	H2AZ_Rep2_peak_10209	154
76478537	76482860	H2AZ_Rep2_peak_10211	111
76493213	76495723	H2AZ_Rep2_peak_10212	79
76518127	76519482	H2AZ_Rep2_peak_10215	55
76534401	76537061	H2AZ_Rep2_peak_10217	81
76549792	76551118	H2AZ_Rep2_peak_10220	60
76571183	76572896	H2AZ_Rep2_peak_10223	108
76630174	76631523	H2AZ_Rep2_peak_10224	96
76758133	76758752	H2AZ_Rep2_peak_10226	131
76777088	76778741	H2AZ_Rep2_peak_10229	73
76782778	76786090	H2AZ_Rep2_peak_10230	49
76802263	76802789	H2AZ_Rep2_peak_10233	18
76815564	76819634	H2AZ_Rep2_peak_10234	41
76824084	76824594	H2AZ_Rep2_peak_10235	58
76840659	76844099	H2AZ_Rep2_peak_10237	32
76847285	76851844	H2AZ_Rep2_peak_10238	32
77118681	77119150	H2AZ_Rep2_peak_10251	17
77122073	77123823	H2AZ_Rep2_peak_10252	95
77183575	77185917	H2AZ_Rep2_peak_10253	97
77299422	77301223	H2AZ_Rep2_peak_10257	54

77347475	77349624	H2AZ_Rep2_peak_10258	137
77354729	77356247	H2AZ_Rep2_peak_10259	45
77530480	77533182	H2AZ_Rep2_peak_10261	136
77704662	77706759	H2AZ_Rep2_peak_10262	154
77738761	77743851	H2AZ_Rep2_peak_10267	60
77738761	77743851	H2AZ_Rep2_peak_10267	60
77747715	77752846	H2AZ_Rep2_peak_10269	69
77754787	77757792	H2AZ_Rep2_peak_10270	126
77760588	77762965	H2AZ_Rep2_peak_10271	30
77790262	77792879	H2AZ_Rep2_peak_10276	126
77849639	77851410	H2AZ_Rep2_peak_10278	154
77896612	77901719	H2AZ_Rep2_peak_10282	122
77896612	77901719	H2AZ_Rep2_peak_10282	122
78076164	78076787	H2AZ_Rep2_peak_10289	16
78127334	78131862	H2AZ_Rep2_peak_10290	86
78284821	78286862	H2AZ_Rep2_peak_10291	321
80009249	80010708	H2AZ_Rep2_peak_10339	61
80303919	80305074	H2AZ_Rep2_peak_10344	48
80409739	80411865	H2AZ_Rep2_peak_10345	93
80572770	80573376	H2AZ_Rep2_peak_10347	74
80583442	80585102	H2AZ_Rep2_peak_10348	22
81701137	81701463	H2AZ_Rep2_peak_10352	24
82486692	82487485	H2AZ_Rep2_peak_10355	16
82575344	82575821	H2AZ_Rep2_peak_10357	16
82610357	82613793	H2AZ_Rep2_peak_10358	238
82744965	82746675	H2AZ_Rep2_peak_10360	37
82763183	82763857	H2AZ_Rep2_peak_10361	46
82773935	82774767	H2AZ_Rep2_peak_10362	23
82780318	82783583	H2AZ_Rep2_peak_10363	102
82865706	82867698	H2AZ_Rep2_peak_10365	103
82904180	82906426	H2AZ_Rep2_peak_10366	170
82930995	82931785	H2AZ_Rep2_peak_10367	62
82996138	82998165	H2AZ_Rep2_peak_10368	142
83003789	83004170	H2AZ_Rep2_peak_10369	37
83221992	83223217	H2AZ_Rep2_peak_10372	19
83352779	83354414	H2AZ_Rep2_peak_10377	26
83359235	83360871	H2AZ_Rep2_peak_10378	17
83366897	83368414	H2AZ_Rep2_peak_10379	14
83391959	83393677	H2AZ_Rep2_peak_10380	39
83403937	83405550	H2AZ_Rep2_peak_10381	15
83417369	83417962	H2AZ_Rep2_peak_10382	88
83420672	83422746	H2AZ_Rep2_peak_10383	29
83428612	83430245	H2AZ_Rep2_peak_10385	24

83435080	83436192	H2AZ_Rep2_peak_10386	92
83484613	83487836	H2AZ_Rep2_peak_10388	57
83526426	83527267	H2AZ_Rep2_peak_10392	69
83923014	83924415	H2AZ_Rep2_peak_10394	68
85338257	85340355	H2AZ_Rep2_peak_10400	162
85358455	85359525	H2AZ_Rep2_peak_10401	112
85374936	85377201	H2AZ_Rep2_peak_10402	43
85448830	85449960	H2AZ_Rep2_peak_10405	20
85532366	85532972	H2AZ_Rep2_peak_10409	22
85565434	85566936	H2AZ_Rep2_peak_10411	136
85780537	85781262	H2AZ_Rep2_peak_10414	31
85847136	85847464	H2AZ_Rep2_peak_10417	16
85862030	85863736	H2AZ_Rep2_peak_10418	78
85867628	85869779	H2AZ_Rep2_peak_10419	26
85872735	85874704	H2AZ_Rep2_peak_10420	45
85892593	85896707	H2AZ_Rep2_peak_10424	49
85928723	85929962	H2AZ_Rep2_peak_10429	30
85955081	85957120	H2AZ_Rep2_peak_10430	88
86012638	86013971	H2AZ_Rep2_peak_10431	143
86184705	86185674	H2AZ_Rep2_peak_10434	76
86319334	86320170	H2AZ_Rep2_peak_10437	19
86343577	86344324	H2AZ_Rep2_peak_10438	42
86381111	86383680	H2AZ_Rep2_peak_10439	97
86472816	86475962	H2AZ_Rep2_peak_10444	47
86484244	86485119	H2AZ_Rep2_peak_10445	45
86486410	86489010	H2AZ_Rep2_peak_10446	11
86501649	86503564	H2AZ_Rep2_peak_10448	16
86509854	86512221	H2AZ_Rep2_peak_10450	21
86529803	86530124	H2AZ_Rep2_peak_10452	48
86650995	86653921	H2AZ_Rep2_peak_10456	59
86665461	86668138	H2AZ_Rep2_peak_10458	114
86748075	86749734	H2AZ_Rep2_peak_10460	136
87062737	87064653	H2AZ_Rep2_peak_10461	60
88070319	88071985	H2AZ_Rep2_peak_10469	97
88090439	88091161	H2AZ_Rep2_peak_10470	37
88147584	88148960	H2AZ_Rep2_peak_10473	22
88217857	88218887	H2AZ_Rep2_peak_10474	56
88277304	88277787	H2AZ_Rep2_peak_10476	33
89114378	89115134	H2AZ_Rep2_peak_10480	27
89955271	89957146	H2AZ_Rep2_peak_10482	202
91129805	91130378	H2AZ_Rep2_peak_10484	23
92753465	92754118	H2AZ_Rep2_peak_10489	51
92797880	92798890	H2AZ_Rep2_peak_10493	23

92849838	92850146	H2AZ_Rep2_peak_10495	47
92930009	92931711	H2AZ_Rep2_peak_10496	115
92967576	92967947	H2AZ_Rep2_peak_10497	38
93275249	93278260	H2AZ_Rep2_peak_10500	207
93300517	93301359	H2AZ_Rep2_peak_10502	96
93303002	93306486	H2AZ_Rep2_peak_10503	38
93318916	93319438	H2AZ_Rep2_peak_10504	21
93340712	93341525	H2AZ_Rep2_peak_10506	14
93393702	93395703	H2AZ_Rep2_peak_10511	238
93474052	93475447	H2AZ_Rep2_peak_10512	141
93516699	93518350	H2AZ_Rep2_peak_10513	140
93860285	93863332	H2AZ_Rep2_peak_10521	111
94225987	94227733	H2AZ_Rep2_peak_10528	130
94276652	94278248	H2AZ_Rep2_peak_10529	68
94336086	94336735	H2AZ_Rep2_peak_10530	16
94370497	94373180	H2AZ_Rep2_peak_10531	38
94463897	94465403	H2AZ_Rep2_peak_10534	18
94476021	94477731	H2AZ_Rep2_peak_10537	16
94479496	94486834	H2AZ_Rep2_peak_10538	36
94479496	94486834	H2AZ_Rep2_peak_10538	36
94499920	94503019	H2AZ_Rep2_peak_10540	39
94509536	94509998	H2AZ_Rep2_peak_10541	66
94527432	94528046	H2AZ_Rep2_peak_10542	70
94609373	94610377	H2AZ_Rep2_peak_10543	45
94659907	94661154	H2AZ_Rep2_peak_10544	22
94706273	94707561	H2AZ_Rep2_peak_10545	225
94799765	94801613	H2AZ_Rep2_peak_10548	136
94822275	94823804	H2AZ_Rep2_peak_10551	37
94839225	94844299	H2AZ_Rep2_peak_10553	66
94884347	94887204	H2AZ_Rep2_peak_10555	38
94987467	94989890	H2AZ_Rep2_peak_10558	28
95522014	95524739	H2AZ_Rep2_peak_10563	67
95656514	95657782	H2AZ_Rep2_peak_10564	158
95710661	95711256	H2AZ_Rep2_peak_10565	52
95717909	95718440	H2AZ_Rep2_peak_10566	47
95724368	95725053	H2AZ_Rep2_peak_10567	71
95770470	95771146	H2AZ_Rep2_peak_10568	23
95785982	95787020	H2AZ_Rep2_peak_10569	15
95831753	95832245	H2AZ_Rep2_peak_10570	29
95889212	95890652	H2AZ_Rep2_peak_10572	46
95901736	95902437	H2AZ_Rep2_peak_10573	16
95940652	95941223	H2AZ_Rep2_peak_10575	38
95945407	95945876	H2AZ_Rep2_peak_10576	29

95960236	95962015	H2AZ_Rep2_peak_10577	26
95975761	95977402	H2AZ_Rep2_peak_10578	80
96039505	96041170	H2AZ_Rep2_peak_10580	53
96046398	96048356	H2AZ_Rep2_peak_10582	91
96072090	96072836	H2AZ_Rep2_peak_10584	34
96075574	96076980	H2AZ_Rep2_peak_10585	94
96121961	96123926	H2AZ_Rep2_peak_10586	96
96219992	96221162	H2AZ_Rep2_peak_10588	140
96619999	96621114	H2AZ_Rep2_peak_10591	12
96835881	96836263	H2AZ_Rep2_peak_10592	26
98471296	98472553	H2AZ_Rep2_peak_10608	40
98699844	98701370	H2AZ_Rep2_peak_10612	36
98707016	98707836	H2AZ_Rep2_peak_10613	17
98940600	98941118	H2AZ_Rep2_peak_10616	65
99024843	99026184	H2AZ_Rep2_peak_10619	41
99111134	99112167	H2AZ_Rep2_peak_10620	13
100199032	100199771	H2AZ_Rep2_peak_10629	15
100338953	100339287	H2AZ_Rep2_peak_10630	43
100505820	100506367	H2AZ_Rep2_peak_10631	25
100557627	100558765	H2AZ_Rep2_peak_10633	78
100590388	100590931	H2AZ_Rep2_peak_10634	23
100623793	100624717	H2AZ_Rep2_peak_10635	27
101741338	101742118	H2AZ_Rep2_peak_10643	82
101783466	101787000	H2AZ_Rep2_peak_10646	102
101877856	101878679	H2AZ_Rep2_peak_10647	19
101917777	101918361	H2AZ_Rep2_peak_10648	34
101979570	101983104	H2AZ_Rep2_peak_10649	71
102122923	102125116	H2AZ_Rep2_peak_10652	40
102138419	102140269	H2AZ_Rep2_peak_10653	181
102158663	102162740	H2AZ_Rep2_peak_10654	21
102164615	102166021	H2AZ_Rep2_peak_10655	22
102175694	102178339	H2AZ_Rep2_peak_10656	100
102183313	102185607	H2AZ_Rep2_peak_10658	38
102187133	102189472	H2AZ_Rep2_peak_10659	127
102212325	102212654	H2AZ_Rep2_peak_10660	23
102216594	102218771	H2AZ_Rep2_peak_10661	41
102322384	102324409	H2AZ_Rep2_peak_10662	50
102347257	102348128	H2AZ_Rep2_peak_10666	33
102401186	102401704	H2AZ_Rep2_peak_10667	31
102962470	102963495	H2AZ_Rep2_peak_10668	90
102979663	102980893	H2AZ_Rep2_peak_10669	116
103406998	103408353	H2AZ_Rep2_peak_10670	89
103479482	103480678	H2AZ_Rep2_peak_10671	18

104005451	104005949	H2AZ_Rep2_peak_10675	34
104839271	104840369	H2AZ_Rep2_peak_10678	33
104871805	104872817	H2AZ_Rep2_peak_10679	27
104980403	104982207	H2AZ_Rep2_peak_10682	28
105022707	105023213	H2AZ_Rep2_peak_10683	50
105589322	105590778	H2AZ_Rep2_peak_10686	19
105892422	105894014	H2AZ_Rep2_peak_10688	60
105947350	105948952	H2AZ_Rep2_peak_10689	138
107327754	107329289	H2AZ_Rep2_peak_10690	77
107435724	107437059	H2AZ_Rep2_peak_10691	186
107727713	107730861	H2AZ_Rep2_peak_10692	62
107879527	107880692	H2AZ_Rep2_peak_10694	196
107991112	107993122	H2AZ_Rep2_peak_10695	47
108093008	108094756	H2AZ_Rep2_peak_10696	67
108336988	108339121	H2AZ_Rep2_peak_10697	44
108367738	108369633	H2AZ_Rep2_peak_10698	64
108463483	108464949	H2AZ_Rep2_peak_10699	56
108534551	108536633	H2AZ_Rep2_peak_10701	64
109816341	109817580	H2AZ_Rep2_peak_10702	41
109939849	109941179	H2AZ_Rep2_peak_10703	25
109946908	109948653	H2AZ_Rep2_peak_10704	15
109962885	109964832	H2AZ_Rep2_peak_10705	38
110199092	110199464	H2AZ_Rep2_peak_10706	36
110208266	110208700	H2AZ_Rep2_peak_10707	46
110225948	110226408	H2AZ_Rep2_peak_10709	57
110233686	110234421	H2AZ_Rep2_peak_10710	22
110236919	110237555	H2AZ_Rep2_peak_10711	29
110243665	110244156	H2AZ_Rep2_peak_10712	61
110300401	110301668	H2AZ_Rep2_peak_10713	41
110967731	110968460	H2AZ_Rep2_peak_10715	28
111100971	111101708	H2AZ_Rep2_peak_10716	29
111472144	111473586	H2AZ_Rep2_peak_10719	71
111605756	111607380	H2AZ_Rep2_peak_10720	31
111636212	111638042	H2AZ_Rep2_peak_10721	93
111741384	111742785	H2AZ_Rep2_peak_10722	98
111749071	111750984	H2AZ_Rep2_peak_10723	107
111782590	111782983	H2AZ_Rep2_peak_10724	31
111796883	111798400	H2AZ_Rep2_peak_10725	68
111806894	111808700	H2AZ_Rep2_peak_10726	116
111895189	111896781	H2AZ_Rep2_peak_10728	127
111944163	111945797	H2AZ_Rep2_peak_10729	87
111956771	111958007	H2AZ_Rep2_peak_10730	135
111990940	111991504	H2AZ_Rep2_peak_10731	56



112034698	112035244	H2AZ_Rep2_peak_10732	25
112037067	112037985	H2AZ_Rep2_peak_10733	19
112065523	112067792	H2AZ_Rep2_peak_10734	24
112090300	112093192	H2AZ_Rep2_peak_10736	46
112096623	112097916	H2AZ_Rep2_peak_10737	85
112150765	112151539	H2AZ_Rep2_peak_10738	203
112160419	112161344	H2AZ_Rep2_peak_10739	73
112192142	112192774	H2AZ_Rep2_peak_10740	22
113060950	113063172	H2AZ_Rep2_peak_10742	38
113068573	113071240	H2AZ_Rep2_peak_10744	23
113072651	113075793	H2AZ_Rep2_peak_10745	49
113072651	113075793	H2AZ_Rep2_peak_10745	49
113560940	113563287	H2AZ_Rep2_peak_10748	95
113643841	113644929	H2AZ_Rep2_peak_10749	84
113648777	113649077	H2AZ_Rep2_peak_10750	27
113745558	113746953	H2AZ_Rep2_peak_10751	73
113845521	113846379	H2AZ_Rep2_peak_10752	86
114149584	114151905	H2AZ_Rep2_peak_10753	33
114211033	114211694	H2AZ_Rep2_peak_10757	66
114270786	114271162	H2AZ_Rep2_peak_10758	54
114308981	114311075	H2AZ_Rep2_peak_10759	108
116643183	116644387	H2AZ_Rep2_peak_10760	39
116658187	116660706	H2AZ_Rep2_peak_10761	58
116662107	116662540	H2AZ_Rep2_peak_10762	30
116968800	116969975	H2AZ_Rep2_peak_10763	31
117014302	117015995	H2AZ_Rep2_peak_10764	113
117048680	117050658	H2AZ_Rep2_peak_10765	94
117102459	117104113	H2AZ_Rep2_peak_10766	40
117186361	117187580	H2AZ_Rep2_peak_10767	89
117198977	117199485	H2AZ_Rep2_peak_10768	55
117686868	117689419	H2AZ_Rep2_peak_10769	34
118045378	118046239	H2AZ_Rep2_peak_10775	22
118068990	118069722	H2AZ_Rep2_peak_10776	43
118122521	118123201	H2AZ_Rep2_peak_10777	137
118161703	118162925	H2AZ_Rep2_peak_10778	34
118229603	118231027	H2AZ_Rep2_peak_10782	114
118271544	118272971	H2AZ_Rep2_peak_10783	86
118305510	118307708	H2AZ_Rep2_peak_10784	138
118435962	118437103	H2AZ_Rep2_peak_10785	61
118442892	118443520	H2AZ_Rep2_peak_10786	69
118478439	118480131	H2AZ_Rep2_peak_10787	68
118493472	118494385	H2AZ_Rep2_peak_10789	25
118505258	118506217	H2AZ_Rep2_peak_10790	28

118529809	118530391	H2AZ_Rep2_peak_10791	21
118560171	118561338	H2AZ_Rep2_peak_10792	64
118661168	118662594	H2AZ_Rep2_peak_10794	32
118691134	118691819	H2AZ_Rep2_peak_10795	42
118758321	118759137	H2AZ_Rep2_peak_10796	62
118760834	118761255	H2AZ_Rep2_peak_10797	46
118796791	118801563	H2AZ_Rep2_peak_10798	54
118796791	118801563	H2AZ_Rep2_peak_10798	54
118867958	118869690	H2AZ_Rep2_peak_10799	142
118888762	118890107	H2AZ_Rep2_peak_10800	107
118900833	118902818	H2AZ_Rep2_peak_10801	63
118927272	118929015	H2AZ_Rep2_peak_10802	25
118937894	118938843	H2AZ_Rep2_peak_10803	84
118955425	118956459	H2AZ_Rep2_peak_10804	51
118971307	118973572	H2AZ_Rep2_peak_10805	78
118977429	118978919	H2AZ_Rep2_peak_10806	34
118991593	118992857	H2AZ_Rep2_peak_10807	82
119019405	119019823	H2AZ_Rep2_peak_10809	24
119038980	119040417	H2AZ_Rep2_peak_10810	75
119075978	119077469	H2AZ_Rep2_peak_10811	31
119186318	119187749	H2AZ_Rep2_peak_10812	87
119192185	119194695	H2AZ_Rep2_peak_10813	35
119204483	119205701	H2AZ_Rep2_peak_10814	56
119239158	119239488	H2AZ_Rep2_peak_10817	18
119240938	119241650	H2AZ_Rep2_peak_10818	30
119248590	119250172	H2AZ_Rep2_peak_10819	16
119251705	119253154	H2AZ_Rep2_peak_10820	69
119345447	119346089	H2AZ_Rep2_peak_10821	91
119486483	119487051	H2AZ_Rep2_peak_10824	32
119598789	119601018	H2AZ_Rep2_peak_10825	44
119992676	119995483	H2AZ_Rep2_peak_10827	27
120007685	120009385	H2AZ_Rep2_peak_10829	85
120079262	120083875	H2AZ_Rep2_peak_10830	34
120151137	120152512	H2AZ_Rep2_peak_10832	43
120176629	120177950	H2AZ_Rep2_peak_10834	47
120195382	120196754	H2AZ_Rep2_peak_10835	51
120205636	120208074	H2AZ_Rep2_peak_10836	32
120893899	120895636	H2AZ_Rep2_peak_10837	65
121162688	121164349	H2AZ_Rep2_peak_10838	112
121323015	121323662	H2AZ_Rep2_peak_10839	56
121337113	121338325	H2AZ_Rep2_peak_10840	42
121526029	121527261	H2AZ_Rep2_peak_10841	66
122310194	122314040	H2AZ_Rep2_peak_10845	51

122451564	122452441	H2AZ_Rep2_peak_10847	72
122526175	122527784	H2AZ_Rep2_peak_10849	72
122727236	122727667	H2AZ_Rep2_peak_10850	43
122753994	122754419	H2AZ_Rep2_peak_10851	21
122933591	122934061	H2AZ_Rep2_peak_10852	28
122989154	122989611	H2AZ_Rep2_peak_10853	55
123016295	123016775	H2AZ_Rep2_peak_10856	50
123064650	123066568	H2AZ_Rep2_peak_10857	60
123117582	123118093	H2AZ_Rep2_peak_10860	70
123131826	123132433	H2AZ_Rep2_peak_10861	113
123172099	123173870	H2AZ_Rep2_peak_10862	21
123278071	123281293	H2AZ_Rep2_peak_10863	35
123301622	123302685	H2AZ_Rep2_peak_10864	48
123524923	123525800	H2AZ_Rep2_peak_10865	50
123611455	123613306	H2AZ_Rep2_peak_10866	69
123946441	123947619	H2AZ_Rep2_peak_10868	78
123984354	123987073	H2AZ_Rep2_peak_10869	47
124047881	124048643	H2AZ_Rep2_peak_10870	15
124064596	124066223	H2AZ_Rep2_peak_10872	33
124077968	124078671	H2AZ_Rep2_peak_10873	36
124172157	124173255	H2AZ_Rep2_peak_10875	33
124199119	124200294	H2AZ_Rep2_peak_10878	22
124214984	124216480	H2AZ_Rep2_peak_10880	37
124492107	124493582	H2AZ_Rep2_peak_10882	119
124514263	124514927	H2AZ_Rep2_peak_10883	24
124543108	124544142	H2AZ_Rep2_peak_10884	41
124615921	124617497	H2AZ_Rep2_peak_10886	111
124630751	124633178	H2AZ_Rep2_peak_10887	106
124669317	124671049	H2AZ_Rep2_peak_10888	53
124745815	124746509	H2AZ_Rep2_peak_10889	44
124767912	124768962	H2AZ_Rep2_peak_10890	29
124932655	124933031	H2AZ_Rep2_peak_10891	24
124940234	124941547	H2AZ_Rep2_peak_10892	32
124980831	124982429	H2AZ_Rep2_peak_10893	88
124993622	124994279	H2AZ_Rep2_peak_10894	96
125438772	125440123	H2AZ_Rep2_peak_10897	77
125461540	125463493	H2AZ_Rep2_peak_10898	55
125495214	125497076	H2AZ_Rep2_peak_10899	52
125772470	125773231	H2AZ_Rep2_peak_10900	98
125808163	125808606	H2AZ_Rep2_peak_10901	22
125811468	125812421	H2AZ_Rep2_peak_10902	24
125931710	125933689	H2AZ_Rep2_peak_10904	57
125949627	125950797	H2AZ_Rep2_peak_10905	42

125961990	125962555	H2AZ_Rep2_peak_10906	64
125983040	125986357	H2AZ_Rep2_peak_10908	44
126080818	126082281	H2AZ_Rep2_peak_10910	74
126138129	126139509	H2AZ_Rep2_peak_10911	61
126152300	126153812	H2AZ_Rep2_peak_10912	68
126173241	126174751	H2AZ_Rep2_peak_10913	114
126197083	126197746	H2AZ_Rep2_peak_10914	39
126272622	126273101	H2AZ_Rep2_peak_10916	37
126301352	126302248	H2AZ_Rep2_peak_10917	61
126310911	126311333	H2AZ_Rep2_peak_10918	105
126350186	126351348	H2AZ_Rep2_peak_10919	122
126455640	126456387	H2AZ_Rep2_peak_10920	17
128366169	128368000	H2AZ_Rep2_peak_10924	46
128372302	128374201	H2AZ_Rep2_peak_10925	31
128377110	128377704	H2AZ_Rep2_peak_10926	41
128391323	128392980	H2AZ_Rep2_peak_10927	43
128584891	128586956	H2AZ_Rep2_peak_10928	32
128701212	128702902	H2AZ_Rep2_peak_10930	37
128775435	128775956	H2AZ_Rep2_peak_10931	27
128778342	128778764	H2AZ_Rep2_peak_10932	29
129148495	129150405	H2AZ_Rep2_peak_10935	59
129513063	129513762	H2AZ_Rep2_peak_10939	25
129620474	129620860	H2AZ_Rep2_peak_10940	49
129673023	129673838	H2AZ_Rep2_peak_10941	68
129685262	129686364	H2AZ_Rep2_peak_10942	52
129716390	129716699	H2AZ_Rep2_peak_10943	14
129764636	129766273	H2AZ_Rep2_peak_10945	84
129871479	129873895	H2AZ_Rep2_peak_10946	65
129937426	129941449	H2AZ_Rep2_peak_10947	40
130033324	130034301	H2AZ_Rep2_peak_10949	187
130051525	130052082	H2AZ_Rep2_peak_10950	119
130057963	130058810	H2AZ_Rep2_peak_10951	23
130183714	130185524	H2AZ_Rep2_peak_10953	52
130304397	130305048	H2AZ_Rep2_peak_10954	150
130318111	130319045	H2AZ_Rep2_peak_10955	62
130347954	130348815	H2AZ_Rep2_peak_10956	51
130391822	130392685	H2AZ_Rep2_peak_10957	35
130504803	130507161	H2AZ_Rep2_peak_10958	50
130607820	130608572	H2AZ_Rep2_peak_10960	35
130785800	130787097	H2AZ_Rep2_peak_10962	79
131300369	131301156	H2AZ_Rep2_peak_10965	70
134093592	134095777	H2AZ_Rep2_peak_10967	53
134122744	134123885	H2AZ_Rep2_peak_10968	89

134201974	134202274	H2AZ_Rep2_peak_10969	24
134818874	134820707	H2AZ_Rep2_peak_10971	29
9869	13254	H2AZ_Rep2_peak_10972	52
9869	13254	H2AZ_Rep2_peak_10972	52
285710	286130	H2AZ_Rep2_peak_10978	52
497726	500276	H2AZ_Rep2_peak_10980	92
509682	511722	H2AZ_Rep2_peak_10981	79
655639	657198	H2AZ_Rep2_peak_10984	36
678503	681976	H2AZ_Rep2_peak_10986	122
684501	686231	H2AZ_Rep2_peak_10987	133
688033	689211	H2AZ_Rep2_peak_10988	20
719089	719931	H2AZ_Rep2_peak_10990	134
741004	742113	H2AZ_Rep2_peak_10992	92
752163	752984	H2AZ_Rep2_peak_10994	99
754231	756414	H2AZ_Rep2_peak_10995	76
776053	777028	H2AZ_Rep2_peak_10996	48
821290	823175	H2AZ_Rep2_peak_11000	28
858869	863650	H2AZ_Rep2_peak_11004	63
1057858	1059376	H2AZ_Rep2_peak_11005	87
1062721	1063236	H2AZ_Rep2_peak_11006	53
1097776	1101443	H2AZ_Rep2_peak_11007	59
1608735	1609878	H2AZ_Rep2_peak_11009	31
1702021	1704779	H2AZ_Rep2_peak_11011	75
1714190	1716281	H2AZ_Rep2_peak_11012	98
1768907	1769736	H2AZ_Rep2_peak_11017	43
1778483	1780213	H2AZ_Rep2_peak_11018	33
1799699	1800849	H2AZ_Rep2_peak_11019	30
1904918	1905872	H2AZ_Rep2_peak_11020	121
1912940	1915088	H2AZ_Rep2_peak_11022	84
2048847	2049466	H2AZ_Rep2_peak_11023	25
2112765	2113767	H2AZ_Rep2_peak_11024	128
2742543	2743109	H2AZ_Rep2_peak_11027	35
2748953	2750526	H2AZ_Rep2_peak_11028	38
2904076	2905542	H2AZ_Rep2_peak_11030	42
2920926	2922729	H2AZ_Rep2_peak_11031	136
2985291	2987716	H2AZ_Rep2_peak_11032	106
2998817	3000899	H2AZ_Rep2_peak_11033	100
3053467	3054250	H2AZ_Rep2_peak_11034	44
3067425	3069952	H2AZ_Rep2_peak_11035	71
3185627	3187070	H2AZ_Rep2_peak_11037	76
3344752	3346154	H2AZ_Rep2_peak_11039	18
3409259	3410237	H2AZ_Rep2_peak_11040	42
3540659	3541904	H2AZ_Rep2_peak_11041	44

4251982	4252299 H2AZ_Rep2_peak_11044	22
4429393	4431149 H2AZ_Rep2_peak_11046	142
4647137	4648552 H2AZ_Rep2_peak_11048	160
4713819	4714632 H2AZ_Rep2_peak_11049	175
4757477	4759008 H2AZ_Rep2_peak_11050	161
5998526	6000011 H2AZ_Rep2_peak_11057	40
6149106	6149858 H2AZ_Rep2_peak_11062	16
6171653	6172943 H2AZ_Rep2_peak_11064	63
6193448	6196435 H2AZ_Rep2_peak_11067	28
6202147	6203678 H2AZ_Rep2_peak_11069	138
6225505	6228659 H2AZ_Rep2_peak_11073	53
6237261	6237774 H2AZ_Rep2_peak_11075	57
6275593	6277773 H2AZ_Rep2_peak_11078	92
6287175	6293527 H2AZ_Rep2_peak_11079	105
6302142	6303233 H2AZ_Rep2_peak_11080	32
6304778	6305426 H2AZ_Rep2_peak_11081	48
6308157	6310256 H2AZ_Rep2_peak_11082	41
6381560	6383806 H2AZ_Rep2_peak_11083	47
6386159	6390474 H2AZ_Rep2_peak_11084	59
6393580	6394705 H2AZ_Rep2_peak_11085	39
6404587	6405383 H2AZ_Rep2_peak_11086	25
6406672	6407320 H2AZ_Rep2_peak_11087	29
6421518	6422573 H2AZ_Rep2_peak_11089	152
6450805	6453211 H2AZ_Rep2_peak_11091	29
6469503	6473450 H2AZ_Rep2_peak_11093	52
6479294	6483717 H2AZ_Rep2_peak_11094	60
6484972	6487792 H2AZ_Rep2_peak_11095	77
6492592	6494433 H2AZ_Rep2_peak_11096	53
6532589	6533474 H2AZ_Rep2_peak_11097	95
6539202	6541062 H2AZ_Rep2_peak_11098	103
6560818	6561545 H2AZ_Rep2_peak_11099	50
6578992	6580787 H2AZ_Rep2_peak_11100	127
6601801	6603707 H2AZ_Rep2_peak_11101	82
6641272	6643476 H2AZ_Rep2_peak_11102	37
6649071	6651260 H2AZ_Rep2_peak_11103	37
6676721	6677913 H2AZ_Rep2_peak_11105	179
6715070	6718412 H2AZ_Rep2_peak_11106	21
6721648	6725179 H2AZ_Rep2_peak_11107	53
6726767	6727450 H2AZ_Rep2_peak_11108	70
6744479	6745928 H2AZ_Rep2_peak_11109	151
6771687	6773153 H2AZ_Rep2_peak_11111	98
6797598	6799341 H2AZ_Rep2_peak_11112	50
6807484	6808925 H2AZ_Rep2_peak_11113	25

6828975	6829296 H2AZ_Rep2_peak_11114	31
6832664	6834021 H2AZ_Rep2_peak_11115	80
6861258	6863466 H2AZ_Rep2_peak_11116	48
6872675	6875209 H2AZ_Rep2_peak_11117	48
6887828	6889372 H2AZ_Rep2_peak_11118	31
6944939	6946615 H2AZ_Rep2_peak_11122	45
6959872	6963365 H2AZ_Rep2_peak_11125	101
6976033	6976648 H2AZ_Rep2_peak_11126	76
6981966	6983280 H2AZ_Rep2_peak_11127	98
6999745	7001082 H2AZ_Rep2_peak_11128	87
7013146	7014899 H2AZ_Rep2_peak_11129	172
7022104	7024392 H2AZ_Rep2_peak_11130	50
7033204	7037971 H2AZ_Rep2_peak_11131	57
7047008	7047554 H2AZ_Rep2_peak_11132	15
7052688	7056369 H2AZ_Rep2_peak_11133	56
7052688	7056369 H2AZ_Rep2_peak_11133	56
7069985	7072165 H2AZ_Rep2_peak_11135	111
7079372	7080381 H2AZ_Rep2_peak_11136	30
7125160	7126917 H2AZ_Rep2_peak_11137	89
7166813	7168725 H2AZ_Rep2_peak_11138	47
7244571	7246601 H2AZ_Rep2_peak_11140	28
7260343	7261986 H2AZ_Rep2_peak_11141	64
7340882	7343207 H2AZ_Rep2_peak_11143	164
7521442	7522493 H2AZ_Rep2_peak_11145	34
7585804	7586186 H2AZ_Rep2_peak_11146	36
8043518	8044227 H2AZ_Rep2_peak_11152	54
8090435	8090950 H2AZ_Rep2_peak_11153	48
8111542	8113810 H2AZ_Rep2_peak_11154	23
8123044	8124165 H2AZ_Rep2_peak_11155	49
8142523	8142962 H2AZ_Rep2_peak_11157	49
8178760	8180145 H2AZ_Rep2_peak_11159	44
8184609	8186213 H2AZ_Rep2_peak_11160	63
8233865	8235699 H2AZ_Rep2_peak_11161	217
8394935	8396786 H2AZ_Rep2_peak_11163	49
8761603	8762386 H2AZ_Rep2_peak_11165	130
8771081	8772200 H2AZ_Rep2_peak_11166	14
8810798	8811440 H2AZ_Rep2_peak_11167	37
8813762	8815916 H2AZ_Rep2_peak_11168	107
8817125	8817486 H2AZ_Rep2_peak_11169	63
8831352	8835534 H2AZ_Rep2_peak_11170	29
9043355	9043760 H2AZ_Rep2_peak_11174	72
9065898	9068144 H2AZ_Rep2_peak_11175	108
9101509	9103593 H2AZ_Rep2_peak_11176	118

9216778	9218538	H2AZ_Rep2_peak_11179	74
9274770	9278043	H2AZ_Rep2_peak_11181	21
9296411	9297112	H2AZ_Rep2_peak_11182	25
9299468	9299832	H2AZ_Rep2_peak_11183	15
9599785	9601421	H2AZ_Rep2_peak_11191	48
9662413	9663160	H2AZ_Rep2_peak_11192	18
9799869	9802016	H2AZ_Rep2_peak_11193	99
9825941	9827168	H2AZ_Rep2_peak_11194	74
9874040	9874889	H2AZ_Rep2_peak_11197	29
9895279	9895668	H2AZ_Rep2_peak_11198	52
9902874	9903860	H2AZ_Rep2_peak_11199	33
9945285	9947809	H2AZ_Rep2_peak_11200	25
9949529	9950834	H2AZ_Rep2_peak_11201	69
10022046	10023197	H2AZ_Rep2_peak_11203	34
10078309	10078668	H2AZ_Rep2_peak_11206	60
10095289	10096266	H2AZ_Rep2_peak_11207	40
10305877	10306501	H2AZ_Rep2_peak_11215	124
10324755	10325344	H2AZ_Rep2_peak_11216	29
10332073	10333398	H2AZ_Rep2_peak_11217	28
10365939	10366865	H2AZ_Rep2_peak_11219	59
10484033	10484447	H2AZ_Rep2_peak_11222	49
10491581	10492023	H2AZ_Rep2_peak_11223	26
10513438	10518945	H2AZ_Rep2_peak_11225	54
10513438	10518945	H2AZ_Rep2_peak_11225	54
10650223	10651915	H2AZ_Rep2_peak_11226	22
10765594	10767131	H2AZ_Rep2_peak_11227	70
10826048	10827244	H2AZ_Rep2_peak_11228	171
10874602	10877166	H2AZ_Rep2_peak_11230	78
10891657	10892691	H2AZ_Rep2_peak_11232	16
10902287	10903254	H2AZ_Rep2_peak_11233	164
11323700	11325044	H2AZ_Rep2_peak_11236	115
11640387	11640897	H2AZ_Rep2_peak_11237	14
11801185	11803908	H2AZ_Rep2_peak_11239	53
11948350	11949365	H2AZ_Rep2_peak_11240	20
12186044	12186476	H2AZ_Rep2_peak_11241	31
12224032	12225483	H2AZ_Rep2_peak_11242	61
12234770	12235364	H2AZ_Rep2_peak_11243	40
12244659	12245800	H2AZ_Rep2_peak_11244	39
12419026	12421260	H2AZ_Rep2_peak_11245	183
12425779	12426170	H2AZ_Rep2_peak_11246	26
12465636	12469181	H2AZ_Rep2_peak_11247	14
12472570	12473539	H2AZ_Rep2_peak_11248	20
12491377	12492009	H2AZ_Rep2_peak_11251	13



12502518	12503275	H2AZ_Rep2_peak_11252	40
12509310	12511580	H2AZ_Rep2_peak_11253	75
12601886	12603339	H2AZ_Rep2_peak_11254	24
12686222	12686809	H2AZ_Rep2_peak_11255	28
12713580	12716945	H2AZ_Rep2_peak_11256	49
12759811	12760189	H2AZ_Rep2_peak_11260	37
12763898	12765623	H2AZ_Rep2_peak_11261	121
12849309	12849991	H2AZ_Rep2_peak_11264	11
12866536	12869937	H2AZ_Rep2_peak_11265	32
12889658	12890727	H2AZ_Rep2_peak_11266	26
12910300	12912632	H2AZ_Rep2_peak_11268	21
12939475	12942476	H2AZ_Rep2_peak_11271	85
12939475	12942476	H2AZ_Rep2_peak_11271	85
12958705	12961736	H2AZ_Rep2_peak_11273	53
12965300	12966816	H2AZ_Rep2_peak_11274	60
13030369	13031885	H2AZ_Rep2_peak_11277	45
13034307	13036008	H2AZ_Rep2_peak_11278	33
13037971	13038883	H2AZ_Rep2_peak_11279	15
13043169	13044247	H2AZ_Rep2_peak_11280	54
13079895	13081004	H2AZ_Rep2_peak_11281	27
13152490	13154970	H2AZ_Rep2_peak_11282	104
13196105	13198246	H2AZ_Rep2_peak_11283	190
13244784	13246827	H2AZ_Rep2_peak_11284	43
13250602	13257572	H2AZ_Rep2_peak_11285	34
13288485	13289845	H2AZ_Rep2_peak_11288	28
13318188	13320348	H2AZ_Rep2_peak_11289	44
13328462	13329915	H2AZ_Rep2_peak_11291	17
13332243	13333062	H2AZ_Rep2_peak_11292	133
13358890	13359579	H2AZ_Rep2_peak_11294	56
13375238	13376590	H2AZ_Rep2_peak_11295	29
13387286	13387703	H2AZ_Rep2_peak_11296	18
13408816	13409911	H2AZ_Rep2_peak_11298	98
14369466	14370072	H2AZ_Rep2_peak_11302	24
14410009	14411503	H2AZ_Rep2_peak_11303	48
14460071	14460876	H2AZ_Rep2_peak_11304	45
14517847	14519535	H2AZ_Rep2_peak_11305	42
14537885	14538472	H2AZ_Rep2_peak_11306	60
14922429	14925087	H2AZ_Rep2_peak_11311	45
14926555	14928439	H2AZ_Rep2_peak_11312	50
14955855	14957481	H2AZ_Rep2_peak_11313	70
15021739	15022477	H2AZ_Rep2_peak_11314	22
15101595	15101895	H2AZ_Rep2_peak_11315	31
15113786	15114820	H2AZ_Rep2_peak_11316	28

15281725	15282078	H2AZ_Rep2_peak_11317	28
15316428	15318611	H2AZ_Rep2_peak_11321	47
15432057	15432801	H2AZ_Rep2_peak_11323	20
15685584	15687556	H2AZ_Rep2_peak_11324	25
15723546	15724718	H2AZ_Rep2_peak_11325	37
15743071	15743865	H2AZ_Rep2_peak_11326	58
15782109	15782451	H2AZ_Rep2_peak_11328	34
15815370	15816044	H2AZ_Rep2_peak_11329	13
15941299	15942906	H2AZ_Rep2_peak_11331	90
16034689	16036268	H2AZ_Rep2_peak_11333	73
16063338	16064721	H2AZ_Rep2_peak_11334	75
16131598	16132009	H2AZ_Rep2_peak_11335	29
16499814	16502480	H2AZ_Rep2_peak_11338	42
17450270	17451412	H2AZ_Rep2_peak_11340	23
19280861	19284305	H2AZ_Rep2_peak_11350	115
19426543	19427215	H2AZ_Rep2_peak_11351	29
19584833	19585464	H2AZ_Rep2_peak_11353	32
19592057	19593710	H2AZ_Rep2_peak_11354	59
19725813	19726305	H2AZ_Rep2_peak_11355	32
19727678	19729104	H2AZ_Rep2_peak_11356	18
19773186	19774696	H2AZ_Rep2_peak_11357	90
19836366	19837851	H2AZ_Rep2_peak_11359	27
19924557	19925308	H2AZ_Rep2_peak_11362	43
19930601	19933695	H2AZ_Rep2_peak_11363	34
19948293	19948897	H2AZ_Rep2_peak_11364	16
19986745	19988215	H2AZ_Rep2_peak_11368	22
19999484	20000552	H2AZ_Rep2_peak_11370	13
20014964	20016112	H2AZ_Rep2_peak_11372	23
20018376	20019771	H2AZ_Rep2_peak_11373	30
20049260	20050898	H2AZ_Rep2_peak_11376	29
20056844	20058242	H2AZ_Rep2_peak_11377	28
20067588	20070738	H2AZ_Rep2_peak_11379	38
20077388	20077705	H2AZ_Rep2_peak_11380	17
20098272	20099224	H2AZ_Rep2_peak_11382	53
20124313	20126004	H2AZ_Rep2_peak_11386	28
20139954	20141901	H2AZ_Rep2_peak_11387	48
20152324	20153418	H2AZ_Rep2_peak_11388	25
20274400	20277338	H2AZ_Rep2_peak_11392	23
20280415	20280949	H2AZ_Rep2_peak_11393	58
20285922	20286684	H2AZ_Rep2_peak_11394	32
20306838	20308154	H2AZ_Rep2_peak_11396	50
20494891	20495732	H2AZ_Rep2_peak_11401	38
20503092	20505214	H2AZ_Rep2_peak_11402	26

20520880	20522242	H2AZ_Rep2_peak_11403	41
20975331	20976588	H2AZ_Rep2_peak_11405	58
21589312	21591264	H2AZ_Rep2_peak_11407	54
21653736	21655453	H2AZ_Rep2_peak_11408	78
21809860	21811010	H2AZ_Rep2_peak_11409	94
22197047	22200091	H2AZ_Rep2_peak_11410	81
22428747	22429549	H2AZ_Rep2_peak_11411	21
22696267	22698061	H2AZ_Rep2_peak_11412	270
22777225	22779178	H2AZ_Rep2_peak_11413	163
24379660	24382184	H2AZ_Rep2_peak_11419	41
24651621	24653850	H2AZ_Rep2_peak_11420	23
25347572	25349687	H2AZ_Rep2_peak_11423	133
25402870	25404977	H2AZ_Rep2_peak_11424	102
25429185	25429926	H2AZ_Rep2_peak_11425	77
25538371	25540143	H2AZ_Rep2_peak_11428	49
25589032	25589497	H2AZ_Rep2_peak_11429	170
25611626	25613175	H2AZ_Rep2_peak_11430	30
25653340	25655860	H2AZ_Rep2_peak_11431	25
25801259	25802096	H2AZ_Rep2_peak_11434	67
25842598	25847613	H2AZ_Rep2_peak_11436	48
25854165	25854516	H2AZ_Rep2_peak_11437	16
25964531	25964904	H2AZ_Rep2_peak_11440	49
26076995	26078055	H2AZ_Rep2_peak_11441	51
26110052	26112486	H2AZ_Rep2_peak_11442	34
26266171	26269056	H2AZ_Rep2_peak_11443	47
26277620	26279915	H2AZ_Rep2_peak_11444	121
26306569	26307516	H2AZ_Rep2_peak_11447	47
26339830	26341230	H2AZ_Rep2_peak_11449	20
26426742	26429109	H2AZ_Rep2_peak_11453	37
26451837	26452936	H2AZ_Rep2_peak_11454	69
26984097	26987027	H2AZ_Rep2_peak_11456	137
26999039	26999490	H2AZ_Rep2_peak_11458	20
27006398	27007153	H2AZ_Rep2_peak_11459	33
27023084	27024340	H2AZ_Rep2_peak_11460	75
27037595	27038219	H2AZ_Rep2_peak_11461	132
27090223	27092586	H2AZ_Rep2_peak_11462	83
27166549	27168259	H2AZ_Rep2_peak_11463	110
27173793	27176250	H2AZ_Rep2_peak_11465	109
27202078	27202463	H2AZ_Rep2_peak_11466	33
27367276	27367700	H2AZ_Rep2_peak_11469	24
27396265	27398262	H2AZ_Rep2_peak_11470	175
27483772	27486921	H2AZ_Rep2_peak_11471	89
27536593	27537155	H2AZ_Rep2_peak_11473	41

27588096	27589823	H2AZ_Rep2_peak_11474	26
27676236	27678659	H2AZ_Rep2_peak_11477	105
27701673	27703388	H2AZ_Rep2_peak_11479	55
27861871	27864551	H2AZ_Rep2_peak_11480	247
27932242	27934387	H2AZ_Rep2_peak_11482	168
27974361	27975159	H2AZ_Rep2_peak_11483	23
28175908	28176856	H2AZ_Rep2_peak_11490	38
28179038	28180572	H2AZ_Rep2_peak_11491	17
28283573	28283994	H2AZ_Rep2_peak_11495	19
28342725	28344606	H2AZ_Rep2_peak_11496	158
29533579	29535006	H2AZ_Rep2_peak_11505	80
29583256	29585125	H2AZ_Rep2_peak_11508	48
29793270	29794584	H2AZ_Rep2_peak_11510	93
29934505	29937831	H2AZ_Rep2_peak_11513	76
29950381	29950817	H2AZ_Rep2_peak_11515	13
30074420	30074745	H2AZ_Rep2_peak_11516	49
30263846	30264245	H2AZ_Rep2_peak_11522	28
30847885	30849701	H2AZ_Rep2_peak_11527	142
30906730	30908630	H2AZ_Rep2_peak_11528	99
30945376	30950376	H2AZ_Rep2_peak_11530	40
30945376	30950376	H2AZ_Rep2_peak_11530	40
30997149	30997604	H2AZ_Rep2_peak_11532	41
31004143	31005269	H2AZ_Rep2_peak_11533	100
31158630	31159694	H2AZ_Rep2_peak_11538	151
31226178	31227916	H2AZ_Rep2_peak_11539	86
31387899	31389153	H2AZ_Rep2_peak_11541	52
31391486	31391887	H2AZ_Rep2_peak_11542	43
31476707	31480375	H2AZ_Rep2_peak_11543	42
31515118	31517619	H2AZ_Rep2_peak_11544	34
31521554	31521983	H2AZ_Rep2_peak_11545	46
31742628	31744873	H2AZ_Rep2_peak_11547	62
31797182	31797926	H2AZ_Rep2_peak_11549	25
31799994	31800532	H2AZ_Rep2_peak_11550	109
31803071	31806850	H2AZ_Rep2_peak_11551	69
31803071	31806850	H2AZ_Rep2_peak_11551	69
31810734	31813465	H2AZ_Rep2_peak_11553	96
31881119	31882786	H2AZ_Rep2_peak_11555	85
31884962	31888224	H2AZ_Rep2_peak_11556	24
31899542	31900055	H2AZ_Rep2_peak_11559	17
31908657	31910324	H2AZ_Rep2_peak_11560	26
31988134	31989597	H2AZ_Rep2_peak_11567	58
32027676	32029899	H2AZ_Rep2_peak_11570	69
32049495	32052391	H2AZ_Rep2_peak_11572	24

32111324	32113325	H2AZ_Rep2_peak_11573	52
32258582	32261119	H2AZ_Rep2_peak_11575	68
32551492	32553516	H2AZ_Rep2_peak_11578	163
32686985	32688416	H2AZ_Rep2_peak_11580	32
32830005	32833166	H2AZ_Rep2_peak_11584	79
32907821	32910603	H2AZ_Rep2_peak_11585	203
33048587	33051146	H2AZ_Rep2_peak_11589	26
33064925	33065225	H2AZ_Rep2_peak_11590	22
33475613	33475996	H2AZ_Rep2_peak_11595	14
34174061	34176206	H2AZ_Rep2_peak_11596	65
34278620	34279756	H2AZ_Rep2_peak_11597	21
38447043	38448330	H2AZ_Rep2_peak_11601	19
38450364	38451250	H2AZ_Rep2_peak_11602	21
38531091	38533157	H2AZ_Rep2_peak_11604	66
38709656	38711349	H2AZ_Rep2_peak_11606	113
38778339	38780955	H2AZ_Rep2_peak_11607	94
38981090	38983223	H2AZ_Rep2_peak_11610	25
39298409	39301403	H2AZ_Rep2_peak_11611	226
39434194	39434502	H2AZ_Rep2_peak_11614	14
39436719	39438462	H2AZ_Rep2_peak_11615	38
39835768	39838257	H2AZ_Rep2_peak_11618	165
39860450	39861332	H2AZ_Rep2_peak_11619	18
40013183	40014747	H2AZ_Rep2_peak_11622	125
40174704	40175802	H2AZ_Rep2_peak_11625	16
40498517	40501524	H2AZ_Rep2_peak_11627	124
40601547	40604214	H2AZ_Rep2_peak_11630	20
40618065	40619302	H2AZ_Rep2_peak_11631	32
41300917	41301928	H2AZ_Rep2_peak_11635	54
41686002	41687276	H2AZ_Rep2_peak_11636	14
42416959	42418555	H2AZ_Rep2_peak_11642	49
42537156	42539946	H2AZ_Rep2_peak_11643	122
42631007	42633323	H2AZ_Rep2_peak_11644	121
42695843	42697394	H2AZ_Rep2_peak_11646	29
42718536	42720564	H2AZ_Rep2_peak_11647	109
43875844	43876845	H2AZ_Rep2_peak_11655	32
44151567	44153515	H2AZ_Rep2_peak_11656	176
44199214	44200903	H2AZ_Rep2_peak_11657	53
44228903	44230814	H2AZ_Rep2_peak_11661	144
45342137	45343235	H2AZ_Rep2_peak_11665	63
45608900	45611213	H2AZ_Rep2_peak_11668	151
45653935	45654367	H2AZ_Rep2_peak_11669	57
45915855	45916652	H2AZ_Rep2_peak_11672	16
46119807	46124633	H2AZ_Rep2_peak_11677	69

46383552	46386350	H2AZ_Rep2_peak_11678	100
46464379	46466776	H2AZ_Rep2_peak_11682	85
46518658	46519003	H2AZ_Rep2_peak_11684	24
46553845	46555504	H2AZ_Rep2_peak_11685	21
46661551	46663838	H2AZ_Rep2_peak_11686	86
46736546	46737665	H2AZ_Rep2_peak_11688	41
46766755	46768671	H2AZ_Rep2_peak_11689	41
46776527	46779562	H2AZ_Rep2_peak_11690	38
46795345	46797748	H2AZ_Rep2_peak_11692	18
46843228	46847589	H2AZ_Rep2_peak_11696	34
46843228	46847589	H2AZ_Rep2_peak_11696	34
46849592	46850200	H2AZ_Rep2_peak_11697	22
46941409	46944205	H2AZ_Rep2_peak_11703	25
46951224	46952248	H2AZ_Rep2_peak_11704	47
46956286	46956854	H2AZ_Rep2_peak_11705	12
47051784	47052099	H2AZ_Rep2_peak_11707	33
47054929	47055834	H2AZ_Rep2_peak_11708	28
47067809	47069355	H2AZ_Rep2_peak_11709	67
47302328	47302919	H2AZ_Rep2_peak_11712	16
47358268	47359444	H2AZ_Rep2_peak_11716	45
47376995	47378251	H2AZ_Rep2_peak_11717	33
47407701	47408968	H2AZ_Rep2_peak_11718	40
47472279	47475068	H2AZ_Rep2_peak_11720	118
47478962	47480022	H2AZ_Rep2_peak_11722	13
47582403	47582929	H2AZ_Rep2_peak_11726	21
47630119	47630583	H2AZ_Rep2_peak_11728	44
47643192	47644092	H2AZ_Rep2_peak_11729	140
47663892	47667279	H2AZ_Rep2_peak_11730	24
47670380	47672787	H2AZ_Rep2_peak_11731	54
47818924	47821077	H2AZ_Rep2_peak_11737	39
48030219	48031205	H2AZ_Rep2_peak_11743	67
48044761	48045711	H2AZ_Rep2_peak_11744	41
48098952	48100826	H2AZ_Rep2_peak_11745	72
48111156	48112014	H2AZ_Rep2_peak_11746	49
48130897	48131521	H2AZ_Rep2_peak_11748	39
48145406	48148636	H2AZ_Rep2_peak_11750	57
48151422	48153575	H2AZ_Rep2_peak_11751	61
48166403	48169308	H2AZ_Rep2_peak_11752	60
48212560	48216302	H2AZ_Rep2_peak_11753	54
48217839	48224472	H2AZ_Rep2_peak_11754	76
48217839	48224472	H2AZ_Rep2_peak_11754	76
48217839	48224472	H2AZ_Rep2_peak_11754	76
48229286	48231432	H2AZ_Rep2_peak_11755	20

48275688	48277380	H2AZ_Rep2_peak_11757	19
48290090	48290945	H2AZ_Rep2_peak_11758	32
48297062	48300049	H2AZ_Rep2_peak_11760	80
48336993	48341457	H2AZ_Rep2_peak_11764	198
48342835	48343520	H2AZ_Rep2_peak_11765	77
48356426	48358413	H2AZ_Rep2_peak_11766	184
48394575	48396107	H2AZ_Rep2_peak_11770	189
48415000	48416004	H2AZ_Rep2_peak_11772	61
48498259	48500771	H2AZ_Rep2_peak_11774	141
48512356	48513988	H2AZ_Rep2_peak_11775	74
48550443	48554287	H2AZ_Rep2_peak_11776	282
48590023	48593898	H2AZ_Rep2_peak_11779	43
48606604	48606988	H2AZ_Rep2_peak_11780	24
48679679	48680718	H2AZ_Rep2_peak_11782	49
48743680	48745473	H2AZ_Rep2_peak_11786	130
48773207	48774463	H2AZ_Rep2_peak_11787	45
48781658	48784351	H2AZ_Rep2_peak_11789	65
48803574	48804436	H2AZ_Rep2_peak_11790	85
48834236	48837518	H2AZ_Rep2_peak_11791	34
48866784	48868369	H2AZ_Rep2_peak_11793	35
48922186	48922787	H2AZ_Rep2_peak_11795	24
48933031	48934487	H2AZ_Rep2_peak_11796	64
48947364	48948206	H2AZ_Rep2_peak_11798	105
49075236	49076957	H2AZ_Rep2_peak_11805	127
49109946	49111530	H2AZ_Rep2_peak_11806	89
49181700	49184349	H2AZ_Rep2_peak_11811	93
49188599	49190851	H2AZ_Rep2_peak_11812	64
49207796	49209967	H2AZ_Rep2_peak_11813	211
49211266	49212814	H2AZ_Rep2_peak_11814	20
49245389	49248463	H2AZ_Rep2_peak_11815	144
49258810	49260255	H2AZ_Rep2_peak_11818	30
49280534	49280985	H2AZ_Rep2_peak_11821	21
49283352	49285190	H2AZ_Rep2_peak_11822	37
49318343	49319689	H2AZ_Rep2_peak_11823	43
49349969	49352189	H2AZ_Rep2_peak_11824	118
49364616	49366860	H2AZ_Rep2_peak_11826	149
49379624	49380099	H2AZ_Rep2_peak_11827	44
49381354	49383120	H2AZ_Rep2_peak_11828	21
49388915	49389883	H2AZ_Rep2_peak_11829	30
49392525	49394538	H2AZ_Rep2_peak_11830	167
49411697	49413089	H2AZ_Rep2_peak_11831	74
49452589	49455515	H2AZ_Rep2_peak_11832	232
49462803	49464526	H2AZ_Rep2_peak_11833	135

49481585	49483154	H2AZ_Rep2_peak_11835	116
49502510	49505430	H2AZ_Rep2_peak_11836	127
49513995	49515371	H2AZ_Rep2_peak_11837	65
49523766	49527883	H2AZ_Rep2_peak_11838	58
49581088	49583045	H2AZ_Rep2_peak_11839	130
49619314	49620006	H2AZ_Rep2_peak_11843	23
49626876	49630582	H2AZ_Rep2_peak_11844	88
49648863	49649961	H2AZ_Rep2_peak_11845	23
49657628	49658671	H2AZ_Rep2_peak_11846	49
49686673	49688213	H2AZ_Rep2_peak_11848	17
49690737	49692338	H2AZ_Rep2_peak_11849	55
49715664	49717937	H2AZ_Rep2_peak_11853	135
49728943	49731701	H2AZ_Rep2_peak_11855	48
49740650	49743159	H2AZ_Rep2_peak_11856	175
49752412	49752791	H2AZ_Rep2_peak_11857	10
49759602	49761996	H2AZ_Rep2_peak_11858	90
49961116	49962905	H2AZ_Rep2_peak_11862	325
50016152	50018945	H2AZ_Rep2_peak_11864	103
50056906	50058703	H2AZ_Rep2_peak_11869	29
50100297	50101962	H2AZ_Rep2_peak_11871	63
50134551	50135962	H2AZ_Rep2_peak_11872	76
50168909	50172618	H2AZ_Rep2_peak_11874	55
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50220187	50223251	H2AZ_Rep2_peak_11875	127
50235437	50237814	H2AZ_Rep2_peak_11876	77
50248676	50249158	H2AZ_Rep2_peak_11878	34
50256882	50268799	H2AZ_Rep2_peak_11879	67
50256882	50268799	H2AZ_Rep2_peak_11879	67
50287073	50289730	H2AZ_Rep2_peak_11883	41
50302705	50304793	H2AZ_Rep2_peak_11886	69
50307408	50308569	H2AZ_Rep2_peak_11887	74
50325444	50327874	H2AZ_Rep2_peak_11890	57
50331462	50340827	H2AZ_Rep2_peak_11891	55
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50345595	50348518	H2AZ_Rep2_peak_11892	74
50349900	50354655	H2AZ_Rep2_peak_11893	35
50356329	50358465	H2AZ_Rep2_peak_11894	35
50360220	50362092	H2AZ_Rep2_peak_11895	157
50418597	50420067	H2AZ_Rep2_peak_11896	100
50432316	50436350	H2AZ_Rep2_peak_11898	31
50449509	50451841	H2AZ_Rep2_peak_11901	153
50463989	50465089	H2AZ_Rep2_peak_11903	232
50468938	50469786	H2AZ_Rep2_peak_11904	65



50477341	50479146	H2AZ_Rep2_peak_11905	128
50500646	50506767	H2AZ_Rep2_peak_11906	129
50560195	50563107	H2AZ_Rep2_peak_11907	139
50595992	50596366	H2AZ_Rep2_peak_11908	19
50605370	50606184	H2AZ_Rep2_peak_11909	16
50614068	50616403	H2AZ_Rep2_peak_11910	49
50626564	50628884	H2AZ_Rep2_peak_11911	28
50648056	50649262	H2AZ_Rep2_peak_11913	29
50651783	50652325	H2AZ_Rep2_peak_11914	30
50676467	50678108	H2AZ_Rep2_peak_11917	260
50719498	50720939	H2AZ_Rep2_peak_11918	70
50746700	50748978	H2AZ_Rep2_peak_11920	28
50793779	50795753	H2AZ_Rep2_peak_11924	153
50898197	50899669	H2AZ_Rep2_peak_11926	175
51156878	51159468	H2AZ_Rep2_peak_11929	56
51218774	51219260	H2AZ_Rep2_peak_11931	58
51316880	51319358	H2AZ_Rep2_peak_11935	77
51417311	51423522	H2AZ_Rep2_peak_11939	90
51417311	51423522	H2AZ_Rep2_peak_11939	90
51432578	51434975	H2AZ_Rep2_peak_11940	59
51441207	51442727	H2AZ_Rep2_peak_11941	62
51476280	51477957	H2AZ_Rep2_peak_11942	111
51565589	51568568	H2AZ_Rep2_peak_11943	211
51610953	51612911	H2AZ_Rep2_peak_11946	169
51631754	51633069	H2AZ_Rep2_peak_11947	168
51663271	51665440	H2AZ_Rep2_peak_11949	166
51700450	51703184	H2AZ_Rep2_peak_11953	41
51712558	51713247	H2AZ_Rep2_peak_11954	28
51719079	51721523	H2AZ_Rep2_peak_11956	129
51733711	51736083	H2AZ_Rep2_peak_11958	114
51764982	51766475	H2AZ_Rep2_peak_11962	65
51781470	51783921	H2AZ_Rep2_peak_11965	57
51925531	51925979	H2AZ_Rep2_peak_11970	22
51972972	51973625	H2AZ_Rep2_peak_11971	42
52249775	52250295	H2AZ_Rep2_peak_11973	15
52279746	52280368	H2AZ_Rep2_peak_11974	27
52287835	52289997	H2AZ_Rep2_peak_11976	28
52315301	52317209	H2AZ_Rep2_peak_11979	51
52344762	52346397	H2AZ_Rep2_peak_11983	106
52417319	52421468	H2AZ_Rep2_peak_11987	109
52422947	52427365	H2AZ_Rep2_peak_11988	46
52439297	52440974	H2AZ_Rep2_peak_11989	45
52444219	52444762	H2AZ_Rep2_peak_11990	40

52456383	52459113	H2AZ_Rep2_peak_11991	121
52460463	52464501	H2AZ_Rep2_peak_11992	151
52536545	52539844	H2AZ_Rep2_peak_11997	37
52541555	52551311	H2AZ_Rep2_peak_11998	45
52541555	52551311	H2AZ_Rep2_peak_11998	45
52541555	52551311	H2AZ_Rep2_peak_11998	45
52541555	52551311	H2AZ_Rep2_peak_11998	45
52557452	52559931	H2AZ_Rep2_peak_11999	82
52582287	52587724	H2AZ_Rep2_peak_12002	46
52590642	52593234	H2AZ_Rep2_peak_12003	48
52596126	52605375	H2AZ_Rep2_peak_12004	46
52596126	52605375	H2AZ_Rep2_peak_12004	46
52607128	52607880	H2AZ_Rep2_peak_12005	93
52615702	52616251	H2AZ_Rep2_peak_12007	63
52624348	52627759	H2AZ_Rep2_peak_12008	75
52670542	52677946	H2AZ_Rep2_peak_12013	66
52670542	52677946	H2AZ_Rep2_peak_12013	66
52702044	52702857	H2AZ_Rep2_peak_12014	31
52720789	52723688	H2AZ_Rep2_peak_12017	31
52888487	52890144	H2AZ_Rep2_peak_12024	11
52916076	52920030	H2AZ_Rep2_peak_12025	63
53262826	53266249	H2AZ_Rep2_peak_12040	86
53267566	53274313	H2AZ_Rep2_peak_12041	78
53267566	53274313	H2AZ_Rep2_peak_12041	78
53278373	53279031	H2AZ_Rep2_peak_12042	19
53298994	53302510	H2AZ_Rep2_peak_12044	95
53317805	53319767	H2AZ_Rep2_peak_12047	48
53321092	53322424	H2AZ_Rep2_peak_12048	52
53336615	53341124	H2AZ_Rep2_peak_12049	28
53363126	53365788	H2AZ_Rep2_peak_12052	53
53367138	53371316	H2AZ_Rep2_peak_12053	37
53373959	53375341	H2AZ_Rep2_peak_12054	115
53386597	53387723	H2AZ_Rep2_peak_12055	92
53399311	53400939	H2AZ_Rep2_peak_12056	49
53440322	53444438	H2AZ_Rep2_peak_12057	67
53447493	53448383	H2AZ_Rep2_peak_12058	84
53459837	53460410	H2AZ_Rep2_peak_12060	60
53472257	53474862	H2AZ_Rep2_peak_12062	111
53490191	53493385	H2AZ_Rep2_peak_12064	160
53517024	53518179	H2AZ_Rep2_peak_12068	20
53525373	53526012	H2AZ_Rep2_peak_12069	22
53552347	53554060	H2AZ_Rep2_peak_12071	85
53568589	53569348	H2AZ_Rep2_peak_12072	35

53573489	53575295	H2AZ_Rep2_peak_12073	140
53609232	53616322	H2AZ_Rep2_peak_12076	117
53625224	53627908	H2AZ_Rep2_peak_12078	85
53644811	53646891	H2AZ_Rep2_peak_12081	190
53659797	53662871	H2AZ_Rep2_peak_12082	134
53688041	53690027	H2AZ_Rep2_peak_12084	160
53693358	53694319	H2AZ_Rep2_peak_12085	189
53714777	53719349	H2AZ_Rep2_peak_12086	183
53714777	53719349	H2AZ_Rep2_peak_12086	183
53737248	53739623	H2AZ_Rep2_peak_12088	107
53742377	53742764	H2AZ_Rep2_peak_12089	42
53746194	53749898	H2AZ_Rep2_peak_12090	97
53758891	53760742	H2AZ_Rep2_peak_12092	70
53762918	53766687	H2AZ_Rep2_peak_12093	36
53772457	53773392	H2AZ_Rep2_peak_12094	129
53813473	53815541	H2AZ_Rep2_peak_12095	78
53833621	53836435	H2AZ_Rep2_peak_12099	125
53886234	53887803	H2AZ_Rep2_peak_12101	116
53893500	53895963	H2AZ_Rep2_peak_12102	180
53902472	53904384	H2AZ_Rep2_peak_12103	54
54019117	54020990	H2AZ_Rep2_peak_12106	141
54068952	54073357	H2AZ_Rep2_peak_12107	220
54089611	54090703	H2AZ_Rep2_peak_12108	29
54095439	54096932	H2AZ_Rep2_peak_12109	74
54119412	54122459	H2AZ_Rep2_peak_12110	144
54146254	54149107	H2AZ_Rep2_peak_12113	25
54200278	54201228	H2AZ_Rep2_peak_12116	37
54261238	54263056	H2AZ_Rep2_peak_12121	44
54331812	54334566	H2AZ_Rep2_peak_12124	68
54346519	54347511	H2AZ_Rep2_peak_12125	48
54361181	54362510	H2AZ_Rep2_peak_12126	33
54366411	54368729	H2AZ_Rep2_peak_12127	80
54371741	54381339	H2AZ_Rep2_peak_12128	56
54371741	54381339	H2AZ_Rep2_peak_12128	56
54387215	54390284	H2AZ_Rep2_peak_12129	29
54393381	54394792	H2AZ_Rep2_peak_12130	130
54409809	54412658	H2AZ_Rep2_peak_12131	95
54582376	54586011	H2AZ_Rep2_peak_12132	95
54582376	54586011	H2AZ_Rep2_peak_12132	95
54594356	54595499	H2AZ_Rep2_peak_12135	23
54600767	54603323	H2AZ_Rep2_peak_12136	24
54607193	54615274	H2AZ_Rep2_peak_12137	73
54607193	54615274	H2AZ_Rep2_peak_12137	73

54607193	54615274	H2AZ_Rep2_peak_12137	73
54655648	54656622	H2AZ_Rep2_peak_12141	16
54673180	54674880	H2AZ_Rep2_peak_12142	81
54693776	54695510	H2AZ_Rep2_peak_12145	99
54697327	54698719	H2AZ_Rep2_peak_12146	76
54718018	54719683	H2AZ_Rep2_peak_12149	135
54752223	54755009	H2AZ_Rep2_peak_12150	144
54762090	54764145	H2AZ_Rep2_peak_12152	96
54772383	54773852	H2AZ_Rep2_peak_12153	101
54776846	54783073	H2AZ_Rep2_peak_12154	30
54776846	54783073	H2AZ_Rep2_peak_12154	30
54810847	54815494	H2AZ_Rep2_peak_12155	61
54810847	54815494	H2AZ_Rep2_peak_12155	61
54821168	54823157	H2AZ_Rep2_peak_12157	60
54825583	54826918	H2AZ_Rep2_peak_12158	50
54833044	54834354	H2AZ_Rep2_peak_12159	40
54973515	54974085	H2AZ_Rep2_peak_12162	55
55326196	55329926	H2AZ_Rep2_peak_12170	53
56048821	56051612	H2AZ_Rep2_peak_12177	24
56063629	56065703	H2AZ_Rep2_peak_12178	117
56074752	56076265	H2AZ_Rep2_peak_12179	143
56093954	56095254	H2AZ_Rep2_peak_12180	49
56109184	56111423	H2AZ_Rep2_peak_12183	103
56121723	56124245	H2AZ_Rep2_peak_12185	71
56130242	56132836	H2AZ_Rep2_peak_12186	184
56135973	56138225	H2AZ_Rep2_peak_12187	121
56210900	56212484	H2AZ_Rep2_peak_12188	120
56222272	56227294	H2AZ_Rep2_peak_12189	106
56241314	56241977	H2AZ_Rep2_peak_12192	44
56249708	56250420	H2AZ_Rep2_peak_12193	24
56320210	56322287	H2AZ_Rep2_peak_12196	105
56324447	56327479	H2AZ_Rep2_peak_12197	59
56331576	56334707	H2AZ_Rep2_peak_12198	230
56359394	56361174	H2AZ_Rep2_peak_12200	110
56366775	56368567	H2AZ_Rep2_peak_12201	49
56390344	56391674	H2AZ_Rep2_peak_12202	258
56398925	56402251	H2AZ_Rep2_peak_12203	172
56434922	56436281	H2AZ_Rep2_peak_12204	120
56472452	56474733	H2AZ_Rep2_peak_12205	128
56496959	56499086	H2AZ_Rep2_peak_12206	71
56509231	56510693	H2AZ_Rep2_peak_12207	57
56512054	56513852	H2AZ_Rep2_peak_12208	90
56521979	56523479	H2AZ_Rep2_peak_12209	54

56545426	56547100	H2AZ_Rep2_peak_12210	51
56551110	56552351	H2AZ_Rep2_peak_12211	66
56582284	56584905	H2AZ_Rep2_peak_12212	66
56586225	56587619	H2AZ_Rep2_peak_12213	153
56614714	56616233	H2AZ_Rep2_peak_12214	100
56617483	56619077	H2AZ_Rep2_peak_12215	86
56651324	56652985	H2AZ_Rep2_peak_12216	140
56660090	56661977	H2AZ_Rep2_peak_12218	131
56693093	56694907	H2AZ_Rep2_peak_12219	80
56708739	56711009	H2AZ_Rep2_peak_12220	94
56726600	56728628	H2AZ_Rep2_peak_12221	72
56752570	56755934	H2AZ_Rep2_peak_12223	55
56842541	56845133	H2AZ_Rep2_peak_12224	78
56857237	56858396	H2AZ_Rep2_peak_12227	44
56861399	56863185	H2AZ_Rep2_peak_12228	96
56914141	56916710	H2AZ_Rep2_peak_12230	38
56911948	56912862	H2AZ_Rep2_peak_12229	32
57023103	57024610	H2AZ_Rep2_peak_12232	24
57028121	57030631	H2AZ_Rep2_peak_12233	96
57039366	57040670	H2AZ_Rep2_peak_12234	63
57081526	57083260	H2AZ_Rep2_peak_12235	68
57118565	57119792	H2AZ_Rep2_peak_12236	94
57144893	57146462	H2AZ_Rep2_peak_12237	76
57212178	57212673	H2AZ_Rep2_peak_12240	26
57230742	57231521	H2AZ_Rep2_peak_12241	17
57335211	57336016	H2AZ_Rep2_peak_12244	26
57399394	57403009	H2AZ_Rep2_peak_12246	36
57471808	57473924	H2AZ_Rep2_peak_12249	30
57479936	57483586	H2AZ_Rep2_peak_12250	21
57503998	57506994	H2AZ_Rep2_peak_12251	46
57512396	57513181	H2AZ_Rep2_peak_12252	61
57520680	57522163	H2AZ_Rep2_peak_12253	74
57531996	57533635	H2AZ_Rep2_peak_12254	41
57542278	57543602	H2AZ_Rep2_peak_12255	56
57559047	57561609	H2AZ_Rep2_peak_12256	46
57569356	57569966	H2AZ_Rep2_peak_12257	23
57606895	57608300	H2AZ_Rep2_peak_12258	52
57609860	57611583	H2AZ_Rep2_peak_12259	46
57622630	57624206	H2AZ_Rep2_peak_12260	101
57636446	57639037	H2AZ_Rep2_peak_12261	46
57673963	57674737	H2AZ_Rep2_peak_12262	86
57823239	57825893	H2AZ_Rep2_peak_12263	44
57844976	57850581	H2AZ_Rep2_peak_12264	43

57844976	57850581	H2AZ_Rep2_peak_12264	43
57852497	57853850	H2AZ_Rep2_peak_12265	132
57855064	57856797	H2AZ_Rep2_peak_12266	68
57871034	57872185	H2AZ_Rep2_peak_12267	23
57880943	57882407	H2AZ_Rep2_peak_12269	93
57913806	57917436	H2AZ_Rep2_peak_12270	48
57939677	57943398	H2AZ_Rep2_peak_12271	30
57984195	57985948	H2AZ_Rep2_peak_12275	113
58026245	58027594	H2AZ_Rep2_peak_12277	72
58087222	58088677	H2AZ_Rep2_peak_12278	169
58119586	58121221	H2AZ_Rep2_peak_12279	117
58137698	58139179	H2AZ_Rep2_peak_12280	34
58145453	58146900	H2AZ_Rep2_peak_12281	47
58148127	58149646	H2AZ_Rep2_peak_12282	138
58165112	58167092	H2AZ_Rep2_peak_12283	173
58176189	58177330	H2AZ_Rep2_peak_12284	142
58239100	58242293	H2AZ_Rep2_peak_12285	19
58258102	58259666	H2AZ_Rep2_peak_12287	67
58280579	58282929	H2AZ_Rep2_peak_12288	97
58291277	58293304	H2AZ_Rep2_peak_12290	42
58329523	58330138	H2AZ_Rep2_peak_12293	39
58334351	58336256	H2AZ_Rep2_peak_12294	154
58401418	58402207	H2AZ_Rep2_peak_12295	20
58806357	58809821	H2AZ_Rep2_peak_12298	24
58813217	58815178	H2AZ_Rep2_peak_12299	20
58818784	58820414	H2AZ_Rep2_peak_12300	115
58902948	58903327	H2AZ_Rep2_peak_12301	32
59312990	59314935	H2AZ_Rep2_peak_12307	151
59507714	59508330	H2AZ_Rep2_peak_12311	54
59775174	59777147	H2AZ_Rep2_peak_12312	21
59963310	59964957	H2AZ_Rep2_peak_12315	29
59988887	59991400	H2AZ_Rep2_peak_12317	104
60322028	60323269	H2AZ_Rep2_peak_12318	37
60788656	60789110	H2AZ_Rep2_peak_12323	21
61750947	61751661	H2AZ_Rep2_peak_12334	29
62586096	62586710	H2AZ_Rep2_peak_12337	36
62652629	62654956	H2AZ_Rep2_peak_12339	89
62828714	62830026	H2AZ_Rep2_peak_12340	48
62859525	62861334	H2AZ_Rep2_peak_12341	167
62996017	62997701	H2AZ_Rep2_peak_12342	53
63179491	63180363	H2AZ_Rep2_peak_12348	94
63187549	63188597	H2AZ_Rep2_peak_12349	14
63260040	63260836	H2AZ_Rep2_peak_12351	44

63327875	63329379	H2AZ_Rep2_peak_12353	206
63370232	63371526	H2AZ_Rep2_peak_12354	30
64172907	64174454	H2AZ_Rep2_peak_12356	114
64236990	64240735	H2AZ_Rep2_peak_12358	91
64482341	64483303	H2AZ_Rep2_peak_12361	63
64574584	64576251	H2AZ_Rep2_peak_12362	20
64580986	64582075	H2AZ_Rep2_peak_12363	29
64615263	64617074	H2AZ_Rep2_peak_12364	146
64778460	64779892	H2AZ_Rep2_peak_12369	23
64797153	64799093	H2AZ_Rep2_peak_12371	65
64844858	64846828	H2AZ_Rep2_peak_12372	83
64943542	64944707	H2AZ_Rep2_peak_12374	41
64961237	64962636	H2AZ_Rep2_peak_12376	31
64976890	64977829	H2AZ_Rep2_peak_12377	20
65002085	65005872	H2AZ_Rep2_peak_12378	78
65019155	65019802	H2AZ_Rep2_peak_12379	91
65073424	65075510	H2AZ_Rep2_peak_12381	23
65152356	65154048	H2AZ_Rep2_peak_12382	144
65173711	65175906	H2AZ_Rep2_peak_12384	108
65549760	65550648	H2AZ_Rep2_peak_12386	45
65557266	65557859	H2AZ_Rep2_peak_12387	52
65562628	65564526	H2AZ_Rep2_peak_12388	84
65671803	65673505	H2AZ_Rep2_peak_12389	133
65926251	65928082	H2AZ_Rep2_peak_12390	58
65929566	65931325	H2AZ_Rep2_peak_12391	53
65949953	65951332	H2AZ_Rep2_peak_12392	89
65995789	65997484	H2AZ_Rep2_peak_12393	24
66217385	66220153	H2AZ_Rep2_peak_12397	124
66500986	66501521	H2AZ_Rep2_peak_12399	15
66523930	66525431	H2AZ_Rep2_peak_12400	137
66562433	66564727	H2AZ_Rep2_peak_12401	97
66695613	66696731	H2AZ_Rep2_peak_12402	166
67661710	67664161	H2AZ_Rep2_peak_12406	105
68041315	68044069	H2AZ_Rep2_peak_12410	64
68221681	68222047	H2AZ_Rep2_peak_12414	35
68630089	68631768	H2AZ_Rep2_peak_12418	116
68725386	68726722	H2AZ_Rep2_peak_12421	75
68752287	68752707	H2AZ_Rep2_peak_12424	37
68757430	68760248	H2AZ_Rep2_peak_12425	98
68799836	68800968	H2AZ_Rep2_peak_12427	90
68832963	68834128	H2AZ_Rep2_peak_12429	23
68849685	68850419	H2AZ_Rep2_peak_12430	17
69003756	69004522	H2AZ_Rep2_peak_12436	117

69070087	69070725 H2AZ_Rep2_peak_12437	101
69079644	69081383 H2AZ_Rep2_peak_12438	110
69139332	69141024 H2AZ_Rep2_peak_12439	198
69180744	69181791 H2AZ_Rep2_peak_12440	25
69195263	69196258 H2AZ_Rep2_peak_12442	43
69200642	69202839 H2AZ_Rep2_peak_12443	46
69326107	69327606 H2AZ_Rep2_peak_12444	107
69356338	69357201 H2AZ_Rep2_peak_12447	27
69400329	69404203 H2AZ_Rep2_peak_12451	49
69416144	69418534 H2AZ_Rep2_peak_12452	35
69420224	69423305 H2AZ_Rep2_peak_12453	26
69436777	69437288 H2AZ_Rep2_peak_12455	25
69446250	69450516 H2AZ_Rep2_peak_12456	44
69446250	69450516 H2AZ_Rep2_peak_12456	44
69455239	69458896 H2AZ_Rep2_peak_12457	32
69464341	69465010 H2AZ_Rep2_peak_12459	31
69546986	69548707 H2AZ_Rep2_peak_12464	47
69550658	69551877 H2AZ_Rep2_peak_12465	35
69632505	69634209 H2AZ_Rep2_peak_12468	109
69751336	69754489 H2AZ_Rep2_peak_12472	87
69863519	69864905 H2AZ_Rep2_peak_12473	108
69978560	69979735 H2AZ_Rep2_peak_12474	122
70082325	70084347 H2AZ_Rep2_peak_12479	88
70131875	70133844 H2AZ_Rep2_peak_12480	111
70266593	70267856 H2AZ_Rep2_peak_12482	31
70272477	70275391 H2AZ_Rep2_peak_12484	46
70359639	70360922 H2AZ_Rep2_peak_12486	37
70379465	70383586 H2AZ_Rep2_peak_12487	65
70446621	70448545 H2AZ_Rep2_peak_12491	49
70520456	70520756 H2AZ_Rep2_peak_12493	29
70636283	70637924 H2AZ_Rep2_peak_12494	83
70759017	70761272 H2AZ_Rep2_peak_12495	128
70787702	70788197 H2AZ_Rep2_peak_12497	20
70842613	70844532 H2AZ_Rep2_peak_12499	46
70861154	70862550 H2AZ_Rep2_peak_12500	59
71003091	71004147 H2AZ_Rep2_peak_12501	53
71054196	71055475 H2AZ_Rep2_peak_12503	44
71085163	71086347 H2AZ_Rep2_peak_12506	13
71135010	71139543 H2AZ_Rep2_peak_12509	25
71141602	71142637 H2AZ_Rep2_peak_12510	14
71216988	71217517 H2AZ_Rep2_peak_12512	19
71236079	71236450 H2AZ_Rep2_peak_12514	29
71388056	71388791 H2AZ_Rep2_peak_12519	63



71550855	71552664	H2AZ_Rep2_peak_12521	32
71560869	71561408	H2AZ_Rep2_peak_12523	39
71786257	71786597	H2AZ_Rep2_peak_12524	33
71897401	71898179	H2AZ_Rep2_peak_12526	82
71935342	71936245	H2AZ_Rep2_peak_12527	16
71982561	71986996	H2AZ_Rep2_peak_12530	34
71982561	71986996	H2AZ_Rep2_peak_12530	34
72056709	72058893	H2AZ_Rep2_peak_12531	112
72079152	72080789	H2AZ_Rep2_peak_12532	86
72125362	72125891	H2AZ_Rep2_peak_12533	15
72147714	72149463	H2AZ_Rep2_peak_12534	147
72232120	72234182	H2AZ_Rep2_peak_12536	73
74758868	74760238	H2AZ_Rep2_peak_12540	40
74931231	74932244	H2AZ_Rep2_peak_12541	76
74980009	74980475	H2AZ_Rep2_peak_12543	24
75184950	75185658	H2AZ_Rep2_peak_12545	27
75723505	75724469	H2AZ_Rep2_peak_12547	120
75782643	75786099	H2AZ_Rep2_peak_12548	148
75873377	75874867	H2AZ_Rep2_peak_12549	22
75904762	75906099	H2AZ_Rep2_peak_12550	151
76017324	76017781	H2AZ_Rep2_peak_12554	68
76049899	76051179	H2AZ_Rep2_peak_12555	58
76052728	76055394	H2AZ_Rep2_peak_12556	28
76099600	76100905	H2AZ_Rep2_peak_12557	19
76114339	76117241	H2AZ_Rep2_peak_12558	14
76178015	76178979	H2AZ_Rep2_peak_12559	19
76219362	76220176	H2AZ_Rep2_peak_12560	12
76257379	76258673	H2AZ_Rep2_peak_12562	32
76337789	76339183	H2AZ_Rep2_peak_12565	29
76345624	76348326	H2AZ_Rep2_peak_12566	24
76351778	76353371	H2AZ_Rep2_peak_12567	23
76368194	76370199	H2AZ_Rep2_peak_12569	15
76368194	76370199	H2AZ_Rep2_peak_12569	15
76371585	76373279	H2AZ_Rep2_peak_12570	26
76376647	76379026	H2AZ_Rep2_peak_12571	149
76413804	76415428	H2AZ_Rep2_peak_12574	45
76423797	76425981	H2AZ_Rep2_peak_12575	53
76477898	76479416	H2AZ_Rep2_peak_12576	84
76552314	76553154	H2AZ_Rep2_peak_12579	25
76577408	76577919	H2AZ_Rep2_peak_12580	98
76685120	76686717	H2AZ_Rep2_peak_12585	16
76713042	76713726	H2AZ_Rep2_peak_12588	29
76741163	76743025	H2AZ_Rep2_peak_12591	196

76952525	76954232	H2AZ_Rep2_peak_12592	93
77024288	77024838	H2AZ_Rep2_peak_12593	14
77133022	77134368	H2AZ_Rep2_peak_12596	21
77156649	77159125	H2AZ_Rep2_peak_12598	92
77271880	77274331	H2AZ_Rep2_peak_12599	118
77458683	77460168	H2AZ_Rep2_peak_12600	71
77625211	77625943	H2AZ_Rep2_peak_12605	13
78333988	78334964	H2AZ_Rep2_peak_12610	20
78337265	78338018	H2AZ_Rep2_peak_12611	14
78515801	78516292	H2AZ_Rep2_peak_12614	36
78800168	78800902	H2AZ_Rep2_peak_12616	20
79257057	79258222	H2AZ_Rep2_peak_12623	70
79280453	79281372	H2AZ_Rep2_peak_12624	41
79577079	79578093	H2AZ_Rep2_peak_12626	22
79596388	79597733	H2AZ_Rep2_peak_12627	27
79693361	79694207	H2AZ_Rep2_peak_12628	17
79801639	79802449	H2AZ_Rep2_peak_12629	45
79809644	79810066	H2AZ_Rep2_peak_12630	27
79815667	79818297	H2AZ_Rep2_peak_12631	20
79939854	79942582	H2AZ_Rep2_peak_12634	34
80083284	80087551	H2AZ_Rep2_peak_12635	66
80327757	80329829	H2AZ_Rep2_peak_12636	109
80580441	80581644	H2AZ_Rep2_peak_12639	15
81096342	81097720	H2AZ_Rep2_peak_12642	86
81171663	81172077	H2AZ_Rep2_peak_12643	39
81603378	81604040	H2AZ_Rep2_peak_12654	43
81639258	81640414	H2AZ_Rep2_peak_12656	54
81652347	81652849	H2AZ_Rep2_peak_12657	18
81747924	81748495	H2AZ_Rep2_peak_12659	49
81869400	81870831	H2AZ_Rep2_peak_12661	17
81913713	81914760	H2AZ_Rep2_peak_12664	129
81969680	81970215	H2AZ_Rep2_peak_12665	28
82004726	82006136	H2AZ_Rep2_peak_12667	77
82020804	82021530	H2AZ_Rep2_peak_12668	15
82496479	82497128	H2AZ_Rep2_peak_12672	34
82552781	82554188	H2AZ_Rep2_peak_12674	16
82596825	82598324	H2AZ_Rep2_peak_12675	24
82708208	82708674	H2AZ_Rep2_peak_12680	66
82751609	82753300	H2AZ_Rep2_peak_12681	170
82801059	82801868	H2AZ_Rep2_peak_12682	31
83021007	83021698	H2AZ_Rep2_peak_12687	27
83028876	83029309	H2AZ_Rep2_peak_12688	42
83054352	83054902	H2AZ_Rep2_peak_12690	32

83078424	83082257	H2AZ_Rep2_peak_12691	178
83134282	83135783	H2AZ_Rep2_peak_12692	20
83409150	83410768	H2AZ_Rep2_peak_12696	32
83470843	83471371	H2AZ_Rep2_peak_12698	28
83550279	83552783	H2AZ_Rep2_peak_12700	44
83759040	83759370	H2AZ_Rep2_peak_12704	29
84156576	84157912	H2AZ_Rep2_peak_12710	15
84521774	84523206	H2AZ_Rep2_peak_12718	22
84566852	84568154	H2AZ_Rep2_peak_12719	26
84698813	84699396	H2AZ_Rep2_peak_12723	36
84757075	84757615	H2AZ_Rep2_peak_12725	18
84901827	84903521	H2AZ_Rep2_peak_12727	47
85121928	85123517	H2AZ_Rep2_peak_12730	16
85150298	85152356	H2AZ_Rep2_peak_12732	34
85316504	85317294	H2AZ_Rep2_peak_12739	41
85331165	85331744	H2AZ_Rep2_peak_12741	28
85343416	85345377	H2AZ_Rep2_peak_12742	113
85368127	85371022	H2AZ_Rep2_peak_12743	30
85374633	85375333	H2AZ_Rep2_peak_12744	13
85401702	85402093	H2AZ_Rep2_peak_12749	30
85420402	85420736	H2AZ_Rep2_peak_12751	29
85429724	85430763	H2AZ_Rep2_peak_12753	66
85469453	85470957	H2AZ_Rep2_peak_12754	26
85469453	85470957	H2AZ_Rep2_peak_12754	26
85669110	85669630	H2AZ_Rep2_peak_12757	24
85673444	85675170	H2AZ_Rep2_peak_12758	79
85762987	85763687	H2AZ_Rep2_peak_12759	46
85862162	85863865	H2AZ_Rep2_peak_12761	28
86229628	86230825	H2AZ_Rep2_peak_12766	83
86735387	86736664	H2AZ_Rep2_peak_12771	17
87053297	87054101	H2AZ_Rep2_peak_12773	34
87530001	87530884	H2AZ_Rep2_peak_12777	76
87544664	87545938	H2AZ_Rep2_peak_12778	74
87554901	87555486	H2AZ_Rep2_peak_12780	25
87912050	87912397	H2AZ_Rep2_peak_12783	18
88214504	88215749	H2AZ_Rep2_peak_12787	22
88428126	88430307	H2AZ_Rep2_peak_12790	132
88535084	88536911	H2AZ_Rep2_peak_12791	177
88693514	88694067	H2AZ_Rep2_peak_12792	32
88718657	88719928	H2AZ_Rep2_peak_12794	27
88860911	88861542	H2AZ_Rep2_peak_12796	57
88970992	88974845	H2AZ_Rep2_peak_12798	101
89138019	89138484	H2AZ_Rep2_peak_12800	11

89317512	89318419	H2AZ_Rep2_peak_12803	18
89320099	89320633	H2AZ_Rep2_peak_12804	45
89327979	89328468	H2AZ_Rep2_peak_12805	41
89337256	89340689	H2AZ_Rep2_peak_12806	37
89413147	89413814	H2AZ_Rep2_peak_12807	92
89466099	89466851	H2AZ_Rep2_peak_12808	29
89511167	89511706	H2AZ_Rep2_peak_12810	23
89553955	89554623	H2AZ_Rep2_peak_12811	16
89744823	89748657	H2AZ_Rep2_peak_12816	63
89769577	89770717	H2AZ_Rep2_peak_12818	40
89777077	89780286	H2AZ_Rep2_peak_12819	31
89917951	89920620	H2AZ_Rep2_peak_12822	137
90101490	90104297	H2AZ_Rep2_peak_12824	40
90123740	90125401	H2AZ_Rep2_peak_12825	17
90143989	90144538	H2AZ_Rep2_peak_12826	57
90150065	90151240	H2AZ_Rep2_peak_12827	13
90162207	90163716	H2AZ_Rep2_peak_12828	26
90341437	90341842	H2AZ_Rep2_peak_12832	15
91329958	91330973	H2AZ_Rep2_peak_12843	22
91956025	91956880	H2AZ_Rep2_peak_12848	39
91971402	91971825	H2AZ_Rep2_peak_12849	29
92167518	92168875	H2AZ_Rep2_peak_12851	40
92211229	92212528	H2AZ_Rep2_peak_12853	20
92379749	92380370	H2AZ_Rep2_peak_12854	12
92538228	92540616	H2AZ_Rep2_peak_12857	148
92601532	92603933	H2AZ_Rep2_peak_12858	87
92618563	92618922	H2AZ_Rep2_peak_12859	43
92945088	92946013	H2AZ_Rep2_peak_12862	58
92987179	92988057	H2AZ_Rep2_peak_12865	25
93139713	93140709	H2AZ_Rep2_peak_12871	49
93292935	93293907	H2AZ_Rep2_peak_12874	46
93322243	93324021	H2AZ_Rep2_peak_12875	80
93362304	93362705	H2AZ_Rep2_peak_12876	17
93409556	93410184	H2AZ_Rep2_peak_12880	47
93528742	93529300	H2AZ_Rep2_peak_12887	48
93591674	93592611	H2AZ_Rep2_peak_12889	13
93635472	93638667	H2AZ_Rep2_peak_12893	25
93708044	93708778	H2AZ_Rep2_peak_12894	75
93770391	93773039	H2AZ_Rep2_peak_12897	89
93834832	93836837	H2AZ_Rep2_peak_12898	126
93860882	93862670	H2AZ_Rep2_peak_12900	138
93963466	93965562	H2AZ_Rep2_peak_12902	66
93985053	93985768	H2AZ_Rep2_peak_12904	61

94018748	94020699	H2AZ_Rep2_peak_12905	14
94070172	94072270	H2AZ_Rep2_peak_12908	162
94135663	94136675	H2AZ_Rep2_peak_12909	106
94177628	94178398	H2AZ_Rep2_peak_12911	43
94179730	94180248	H2AZ_Rep2_peak_12912	30
94306279	94306584	H2AZ_Rep2_peak_12913	29
94337743	94338091	H2AZ_Rep2_peak_12916	23
94494981	94496647	H2AZ_Rep2_peak_12920	80
94655833	94657727	H2AZ_Rep2_peak_12923	66
94852868	94854675	H2AZ_Rep2_peak_12924	168
94939308	94940464	H2AZ_Rep2_peak_12925	16
94945977	94946597	H2AZ_Rep2_peak_12926	46
94963017	94965726	H2AZ_Rep2_peak_12928	27
95008070	95010424	H2AZ_Rep2_peak_12931	101
95012669	95013131	H2AZ_Rep2_peak_12932	29
95015057	95017363	H2AZ_Rep2_peak_12933	30
95049427	95050661	H2AZ_Rep2_peak_12935	91
95230835	95231135	H2AZ_Rep2_peak_12942	28
95347613	95348543	H2AZ_Rep2_peak_12945	24
95396770	95398022	H2AZ_Rep2_peak_12946	135
95466347	95468140	H2AZ_Rep2_peak_12947	88
95496359	95497670	H2AZ_Rep2_peak_12948	29
95597979	95600108	H2AZ_Rep2_peak_12949	30
95610331	95612612	H2AZ_Rep2_peak_12950	73
95750029	95752331	H2AZ_Rep2_peak_12951	30
95866645	95868689	H2AZ_Rep2_peak_12954	93
95966766	95968922	H2AZ_Rep2_peak_12955	25
96017036	96017489	H2AZ_Rep2_peak_12956	46
96026318	96029377	H2AZ_Rep2_peak_12957	18
96041431	96048092	H2AZ_Rep2_peak_12959	25
96183653	96185397	H2AZ_Rep2_peak_12960	58
96189665	96190532	H2AZ_Rep2_peak_12961	24
96199505	96200403	H2AZ_Rep2_peak_12962	20
96252100	96253496	H2AZ_Rep2_peak_12963	117
96335914	96338057	H2AZ_Rep2_peak_12965	179
96389794	96390502	H2AZ_Rep2_peak_12967	47
96428550	96430513	H2AZ_Rep2_peak_12968	202
96437759	96438859	H2AZ_Rep2_peak_12969	59
96440686	96442620	H2AZ_Rep2_peak_12970	41
96486268	96489204	H2AZ_Rep2_peak_12974	58
96587240	96590153	H2AZ_Rep2_peak_12981	77
96611861	96613980	H2AZ_Rep2_peak_12982	116
96793851	96795680	H2AZ_Rep2_peak_12983	61

96822739	96823276	H2AZ_Rep2_peak_12985	43
96826878	96828315	H2AZ_Rep2_peak_12987	26
96839660	96839977	H2AZ_Rep2_peak_12989	25
96860920	96861461	H2AZ_Rep2_peak_12990	33
96882919	96883892	H2AZ_Rep2_peak_12994	91
96893845	96897057	H2AZ_Rep2_peak_12995	33
96893845	96897057	H2AZ_Rep2_peak_12995	33
96910285	96911558	H2AZ_Rep2_peak_12997	14
96972134	96973101	H2AZ_Rep2_peak_12998	14
97113803	97115811	H2AZ_Rep2_peak_12999	102
97300021	97302198	H2AZ_Rep2_peak_13001	190
98793109	98793969	H2AZ_Rep2_peak_13004	21
98791064	98791836	H2AZ_Rep2_peak_13003	32
98811339	98813183	H2AZ_Rep2_peak_13005	17
98884065	98885536	H2AZ_Rep2_peak_13009	75
98896551	98899579	H2AZ_Rep2_peak_13010	74
98908602	98910186	H2AZ_Rep2_peak_13011	73
98972366	98972808	H2AZ_Rep2_peak_13013	75
98985039	98988201	H2AZ_Rep2_peak_13014	67
99037739	99040300	H2AZ_Rep2_peak_13015	39
99539414	99540720	H2AZ_Rep2_peak_13017	20
100378132	100379192	H2AZ_Rep2_peak_13019	46
100535259	100538454	H2AZ_Rep2_peak_13020	132
100548827	100549205	H2AZ_Rep2_peak_13021	34
100592822	100595259	H2AZ_Rep2_peak_13022	124
100660088	100661925	H2AZ_Rep2_peak_13023	110
100966857	100968557	H2AZ_Rep2_peak_13025	122
101480588	101481615	H2AZ_Rep2_peak_13027	14
101654128	101654639	H2AZ_Rep2_peak_13029	18
101672382	101674575	H2AZ_Rep2_peak_13030	149
101800635	101802414	H2AZ_Rep2_peak_13031	130
102009649	102010573	H2AZ_Rep2_peak_13033	46
102090592	102092905	H2AZ_Rep2_peak_13034	89
102222524	102225331	H2AZ_Rep2_peak_13035	77
102232898	102234349	H2AZ_Rep2_peak_13036	132
102256161	102256561	H2AZ_Rep2_peak_13039	17
102270785	102272665	H2AZ_Rep2_peak_13040	113
102327073	102335264	H2AZ_Rep2_peak_13043	46
102327073	102335264	H2AZ_Rep2_peak_13043	46
102454982	102457777	H2AZ_Rep2_peak_13047	120
102512866	102517113	H2AZ_Rep2_peak_13048	110
102932658	102934241	H2AZ_Rep2_peak_13058	51
102956603	102957211	H2AZ_Rep2_peak_13059	17

103969167	103969711	H2AZ_Rep2_peak_13066	35
104234829	104236105	H2AZ_Rep2_peak_13070	52
104251309	104254254	H2AZ_Rep2_peak_13071	64
104321369	104324966	H2AZ_Rep2_peak_13075	114
104349886	104351505	H2AZ_Rep2_peak_13076	153
104358990	104360182	H2AZ_Rep2_peak_13077	116
104404636	104406687	H2AZ_Rep2_peak_13078	23
104443193	104444460	H2AZ_Rep2_peak_13080	32
104457337	104459118	H2AZ_Rep2_peak_13082	255
104530838	104532862	H2AZ_Rep2_peak_13083	71
104571431	104572240	H2AZ_Rep2_peak_13084	52
104607741	104610318	H2AZ_Rep2_peak_13087	81
104648269	104650439	H2AZ_Rep2_peak_13090	36
104669871	104671401	H2AZ_Rep2_peak_13092	72
104673208	104674267	H2AZ_Rep2_peak_13093	28
104678765	104681265	H2AZ_Rep2_peak_13095	19
104808268	104808588	H2AZ_Rep2_peak_13097	38
104850744	104851900	H2AZ_Rep2_peak_13098	58
104982128	104982787	H2AZ_Rep2_peak_13101	142
104997534	104999925	H2AZ_Rep2_peak_13102	64
105064319	105066774	H2AZ_Rep2_peak_13103	91
105346694	105347439	H2AZ_Rep2_peak_13106	28
105351415	105354239	H2AZ_Rep2_peak_13107	109
105379459	105381538	H2AZ_Rep2_peak_13109	114
105477525	105478607	H2AZ_Rep2_peak_13110	83
105500689	105502237	H2AZ_Rep2_peak_13112	149
105628994	105630659	H2AZ_Rep2_peak_13115	85
105723804	105725693	H2AZ_Rep2_peak_13120	46
105776739	105777269	H2AZ_Rep2_peak_13121	78
105827766	105828144	H2AZ_Rep2_peak_13124	32
105836880	105838392	H2AZ_Rep2_peak_13125	77
105878849	105879913	H2AZ_Rep2_peak_13127	31
105953352	105956936	H2AZ_Rep2_peak_13129	51
105973946	105974900	H2AZ_Rep2_peak_13130	22
106327730	106329217	H2AZ_Rep2_peak_13139	20
106424140	106424492	H2AZ_Rep2_peak_13140	28
106505910	106508664	H2AZ_Rep2_peak_13146	21
106532009	106533220	H2AZ_Rep2_peak_13147	56
106617468	106618006	H2AZ_Rep2_peak_13151	26
106621113	106621812	H2AZ_Rep2_peak_13152	83
106639011	106641706	H2AZ_Rep2_peak_13154	70
106680790	106683431	H2AZ_Rep2_peak_13157	93
106695130	106697440	H2AZ_Rep2_peak_13160	133

106736230	106737332	H2AZ_Rep2_peak_13161	22
106751204	106752767	H2AZ_Rep2_peak_13162	90
106945192	106945711	H2AZ_Rep2_peak_13163	37
107167316	107169162	H2AZ_Rep2_peak_13170	120
107347896	107351523	H2AZ_Rep2_peak_13171	45
107379885	107381792	H2AZ_Rep2_peak_13172	107
107485707	107488363	H2AZ_Rep2_peak_13173	116
108078266	108080477	H2AZ_Rep2_peak_13180	135
108153936	108155865	H2AZ_Rep2_peak_13181	105
108696106	108698051	H2AZ_Rep2_peak_13182	121
108876390	108877456	H2AZ_Rep2_peak_13188	29
108907489	108910031	H2AZ_Rep2_peak_13189	85
108954368	108957398	H2AZ_Rep2_peak_13190	95
108997987	108998939	H2AZ_Rep2_peak_13191	23
109005914	109007727	H2AZ_Rep2_peak_13192	23
109011874	109012654	H2AZ_Rep2_peak_13193	59
109014368	109016360	H2AZ_Rep2_peak_13194	34
109020838	109029391	H2AZ_Rep2_peak_13195	62
109037555	109038490	H2AZ_Rep2_peak_13196	39
109084893	109086272	H2AZ_Rep2_peak_13197	52
109123939	109129512	H2AZ_Rep2_peak_13198	70
109123939	109129512	H2AZ_Rep2_peak_13198	70
109195836	109197415	H2AZ_Rep2_peak_13203	42
109250149	109252282	H2AZ_Rep2_peak_13206	57
109489728	109491698	H2AZ_Rep2_peak_13209	188
109530291	109531840	H2AZ_Rep2_peak_13210	140
109534985	109536880	H2AZ_Rep2_peak_13211	56
109549186	109549854	H2AZ_Rep2_peak_13212	23
109568621	109570772	H2AZ_Rep2_peak_13213	43
109591610	109593894	H2AZ_Rep2_peak_13214	127
109702108	109702754	H2AZ_Rep2_peak_13215	35
109747229	109751521	H2AZ_Rep2_peak_13217	46
109825282	109827152	H2AZ_Rep2_peak_13218	83
109870352	109871608	H2AZ_Rep2_peak_13219	63
109914280	109916139	H2AZ_Rep2_peak_13220	122
109982672	109983402	H2AZ_Rep2_peak_13221	58
110010492	110012575	H2AZ_Rep2_peak_13222	114
110151847	110152504	H2AZ_Rep2_peak_13226	21
110210415	110212943	H2AZ_Rep2_peak_13228	91
110260602	110261533	H2AZ_Rep2_peak_13234	74
110282874	110283882	H2AZ_Rep2_peak_13237	124
110317648	110319000	H2AZ_Rep2_peak_13239	138
110325571	110327615	H2AZ_Rep2_peak_13240	87



110337323	110339079	H2AZ_Rep2_peak_13241	230
110433468	110434652	H2AZ_Rep2_peak_13242	133
110435870	110438242	H2AZ_Rep2_peak_13243	120
110485727	110487395	H2AZ_Rep2_peak_13244	136
110517444	110518805	H2AZ_Rep2_peak_13247	25
110537976	110538652	H2AZ_Rep2_peak_13248	22
110540041	110541374	H2AZ_Rep2_peak_13249	21
110546440	110547914	H2AZ_Rep2_peak_13250	138
110560800	110562899	H2AZ_Rep2_peak_13253	114
110661855	110663151	H2AZ_Rep2_peak_13254	32
110704162	110705435	H2AZ_Rep2_peak_13256	73
110707257	110708494	H2AZ_Rep2_peak_13257	81
110718085	110720173	H2AZ_Rep2_peak_13258	56
110840651	110843149	H2AZ_Rep2_peak_13259	164
110887278	110889500	H2AZ_Rep2_peak_13260	53
110905338	110907535	H2AZ_Rep2_peak_13261	121
110939134	110940858	H2AZ_Rep2_peak_13262	111
110950440	110951142	H2AZ_Rep2_peak_13263	15
111019833	111022018	H2AZ_Rep2_peak_13264	66
111051305	111052694	H2AZ_Rep2_peak_13267	125
111136197	111136606	H2AZ_Rep2_peak_13270	39
111179801	111183198	H2AZ_Rep2_peak_13271	56
111264546	111265086	H2AZ_Rep2_peak_13274	103
111325526	111326086	H2AZ_Rep2_peak_13277	83
111330899	111332272	H2AZ_Rep2_peak_13278	18
111504459	111504975	H2AZ_Rep2_peak_13284	15
111768836	111769416	H2AZ_Rep2_peak_13287	16
111805498	111807957	H2AZ_Rep2_peak_13288	79
111830926	111832167	H2AZ_Rep2_peak_13289	61
111834473	111838022	H2AZ_Rep2_peak_13290	52
111841370	111844767	H2AZ_Rep2_peak_13291	37
112035216	112038318	H2AZ_Rep2_peak_13293	56
112123027	112125080	H2AZ_Rep2_peak_13294	94
112205097	112205670	H2AZ_Rep2_peak_13295	15
112211414	112214364	H2AZ_Rep2_peak_13296	50
112250480	112251072	H2AZ_Rep2_peak_13297	15
112278845	112280934	H2AZ_Rep2_peak_13299	122
112413095	112414353	H2AZ_Rep2_peak_13300	42
112443397	112444109	H2AZ_Rep2_peak_13301	88
112450186	112452292	H2AZ_Rep2_peak_13302	146
112545902	112547747	H2AZ_Rep2_peak_13303	150
112550048	112551033	H2AZ_Rep2_peak_13304	28
112554019	112554842	H2AZ_Rep2_peak_13305	56

112558778	112561542	H2AZ_Rep2_peak_13306	49
112563184	112564110	H2AZ_Rep2_peak_13307	43
112607892	112608308	H2AZ_Rep2_peak_13308	35
112818600	112821040	H2AZ_Rep2_peak_13309	90
112846798	112847787	H2AZ_Rep2_peak_13310	57
112856098	112857638	H2AZ_Rep2_peak_13311	68
113343412	113345453	H2AZ_Rep2_peak_13318	37
113374054	113378237	H2AZ_Rep2_peak_13320	72
113415531	113416671	H2AZ_Rep2_peak_13321	29
113455921	113457325	H2AZ_Rep2_peak_13323	22
113478512	113479372	H2AZ_Rep2_peak_13325	113
113486846	113488025	H2AZ_Rep2_peak_13326	22
113536145	113537689	H2AZ_Rep2_peak_13327	36
113586967	113587980	H2AZ_Rep2_peak_13328	64
113590367	113591552	H2AZ_Rep2_peak_13329	36
113622458	113624033	H2AZ_Rep2_peak_13330	62
113641947	113646067	H2AZ_Rep2_peak_13331	33
113658193	113661217	H2AZ_Rep2_peak_13332	104
113771156	113773858	H2AZ_Rep2_peak_13334	66
113795729	113797591	H2AZ_Rep2_peak_13336	84
113845789	113846169	H2AZ_Rep2_peak_13337	22
113853543	113854565	H2AZ_Rep2_peak_13339	50
113859083	113860995	H2AZ_Rep2_peak_13340	95
113900123	113900642	H2AZ_Rep2_peak_13341	50
114403386	114406300	H2AZ_Rep2_peak_13343	108
115105578	115106041	H2AZ_Rep2_peak_13347	50
115120505	115123560	H2AZ_Rep2_peak_13348	81
115205880	115208575	H2AZ_Rep2_peak_13354	49
115211619	115215848	H2AZ_Rep2_peak_13355	49
115211619	115215848	H2AZ_Rep2_peak_13355	49
115237401	115238112	H2AZ_Rep2_peak_13357	35
115250660	115251483	H2AZ_Rep2_peak_13358	117
115351831	115352724	H2AZ_Rep2_peak_13361	26
115371276	115372555	H2AZ_Rep2_peak_13362	19
115373939	115374728	H2AZ_Rep2_peak_13363	52
115775585	115776098	H2AZ_Rep2_peak_13367	114
115791931	115792738	H2AZ_Rep2_peak_13368	90
116713882	116714537	H2AZ_Rep2_peak_13371	21
116720135	116720495	H2AZ_Rep2_peak_13373	29
116796557	116797612	H2AZ_Rep2_peak_13375	81
116811557	116815009	H2AZ_Rep2_peak_13377	32
116823453	116823929	H2AZ_Rep2_peak_13378	59
116865246	116865701	H2AZ_Rep2_peak_13381	65

116871798	116872833	H2AZ_Rep2_peak_13383	96
116892860	116893245	H2AZ_Rep2_peak_13384	23
116962572	116964001	H2AZ_Rep2_peak_13385	113
116966092	116967050	H2AZ_Rep2_peak_13386	22
116971012	116972680	H2AZ_Rep2_peak_13387	54
117039401	117039877	H2AZ_Rep2_peak_13392	48
117096394	117098027	H2AZ_Rep2_peak_13397	38
117125670	117126082	H2AZ_Rep2_peak_13399	18
117146382	117147268	H2AZ_Rep2_peak_13400	52
117174772	117176990	H2AZ_Rep2_peak_13401	121
117256214	117257587	H2AZ_Rep2_peak_13402	145
117293447	117294805	H2AZ_Rep2_peak_13403	19
117316267	117320370	H2AZ_Rep2_peak_13405	55
117348101	117349510	H2AZ_Rep2_peak_13407	122
117485755	117486617	H2AZ_Rep2_peak_13409	38
117536049	117538631	H2AZ_Rep2_peak_13411	46
117562059	117563237	H2AZ_Rep2_peak_13413	45
117578279	117579134	H2AZ_Rep2_peak_13415	35
117580523	117581489	H2AZ_Rep2_peak_13416	52
117627407	117630266	H2AZ_Rep2_peak_13417	68
118454292	118455250	H2AZ_Rep2_peak_13425	108
118497877	118500688	H2AZ_Rep2_peak_13427	40
118540049	118542507	H2AZ_Rep2_peak_13428	117
118558261	118559271	H2AZ_Rep2_peak_13429	69
118573009	118574874	H2AZ_Rep2_peak_13430	69
118774907	118775600	H2AZ_Rep2_peak_13433	18
118810195	118815741	H2AZ_Rep2_peak_13435	86
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119595099	119596576	H2AZ_Rep2_peak_13437	29
119609389	119610199	H2AZ_Rep2_peak_13438	19
119612929	119614737	H2AZ_Rep2_peak_13439	84
119616108	119619263	H2AZ_Rep2_peak_13440	102
120104309	120106531	H2AZ_Rep2_peak_13445	173
120307054	120308093	H2AZ_Rep2_peak_13447	55
120314435	120315883	H2AZ_Rep2_peak_13448	212
120426198	120427485	H2AZ_Rep2_peak_13452	42
120516667	120518554	H2AZ_Rep2_peak_13453	43
120524401	120525440	H2AZ_Rep2_peak_13454	105
120553942	120556682	H2AZ_Rep2_peak_13455	51
120632256	120633127	H2AZ_Rep2_peak_13456	26
120662323	120663024	H2AZ_Rep2_peak_13459	20
120728340	120731769	H2AZ_Rep2_peak_13462	59
120739447	120740636	H2AZ_Rep2_peak_13463	143

120754585	120755919	H2AZ_Rep2_peak_13464	143
120762581	120763995	H2AZ_Rep2_peak_13465	87
120789975	120790359	H2AZ_Rep2_peak_13466	17
120868361	120868932	H2AZ_Rep2_peak_13467	31
120875261	120876589	H2AZ_Rep2_peak_13469	141
120883584	120884843	H2AZ_Rep2_peak_13470	255
120907043	120908308	H2AZ_Rep2_peak_13471	135
120932888	120934499	H2AZ_Rep2_peak_13473	62
120966451	120968332	H2AZ_Rep2_peak_13474	116
120970552	120973142	H2AZ_Rep2_peak_13475	50
121018739	121022999	H2AZ_Rep2_peak_13476	124
121036603	121037425	H2AZ_Rep2_peak_13478	55
121086697	121087680	H2AZ_Rep2_peak_13482	45
121115470	121116502	H2AZ_Rep2_peak_13484	45
121122498	121125903	H2AZ_Rep2_peak_13485	72
121147131	121149353	H2AZ_Rep2_peak_13486	44
121163005	121164746	H2AZ_Rep2_peak_13487	90
121340957	121345925	H2AZ_Rep2_peak_13489	55
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121370981	121371350	H2AZ_Rep2_peak_13491	16
121409134	121409865	H2AZ_Rep2_peak_13493	40
121453534	121454885	H2AZ_Rep2_peak_13495	111
121463745	121464311	H2AZ_Rep2_peak_13496	13
121471257	121472752	H2AZ_Rep2_peak_13497	36
121476356	121477336	H2AZ_Rep2_peak_13498	217
121497321	121498677	H2AZ_Rep2_peak_13500	131
121533242	121534182	H2AZ_Rep2_peak_13503	205
121647725	121648871	H2AZ_Rep2_peak_13509	104
121733420	121735578	H2AZ_Rep2_peak_13510	85
121789502	121791654	H2AZ_Rep2_peak_13511	101
121802336	121802816	H2AZ_Rep2_peak_13512	62
121837201	121838878	H2AZ_Rep2_peak_13514	97
121903944	121905864	H2AZ_Rep2_peak_13515	41
121974498	121976988	H2AZ_Rep2_peak_13517	70
122017588	122019664	H2AZ_Rep2_peak_13518	41
122062720	122065794	H2AZ_Rep2_peak_13519	83
122109894	122112930	H2AZ_Rep2_peak_13521	60
122126857	122129315	H2AZ_Rep2_peak_13524	36
122149875	122153741	H2AZ_Rep2_peak_13525	85
122231516	122233284	H2AZ_Rep2_peak_13528	91
122277011	122278275	H2AZ_Rep2_peak_13531	172
122296693	122297592	H2AZ_Rep2_peak_13532	60
122320937	122321745	H2AZ_Rep2_peak_13535	37

122325888	122327463	H2AZ_Rep2_peak_13536	135
122459063	122461176	H2AZ_Rep2_peak_13539	39
122500787	122502385	H2AZ_Rep2_peak_13541	50
122510066	122511888	H2AZ_Rep2_peak_13542	82
122515966	122517630	H2AZ_Rep2_peak_13543	64
122709957	122711351	H2AZ_Rep2_peak_13546	84
122750107	122752079	H2AZ_Rep2_peak_13547	210
122883868	122884448	H2AZ_Rep2_peak_13548	34
122906268	122908529	H2AZ_Rep2_peak_13549	85
122938016	122939126	H2AZ_Rep2_peak_13551	60
122948524	122949854	H2AZ_Rep2_peak_13552	37
122984643	122986280	H2AZ_Rep2_peak_13553	52
123011093	123012519	H2AZ_Rep2_peak_13554	81
123236415	123238225	H2AZ_Rep2_peak_13556	77
123314440	123315873	H2AZ_Rep2_peak_13558	13
123318750	123321246	H2AZ_Rep2_peak_13559	84
123379497	123381381	H2AZ_Rep2_peak_13560	48
123401194	123402912	H2AZ_Rep2_peak_13561	45
123431318	123432153	H2AZ_Rep2_peak_13562	36
123449142	123451529	H2AZ_Rep2_peak_13564	64
123458446	123461402	H2AZ_Rep2_peak_13565	152
123464641	123465949	H2AZ_Rep2_peak_13566	56
123547444	123547980	H2AZ_Rep2_peak_13567	67
123591688	123592086	H2AZ_Rep2_peak_13571	32
123634702	123636661	H2AZ_Rep2_peak_13573	35
123716815	123718824	H2AZ_Rep2_peak_13574	109
123735617	123736004	H2AZ_Rep2_peak_13575	27
123754678	123757614	H2AZ_Rep2_peak_13576	48
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123848172	123850538	H2AZ_Rep2_peak_13577	49
123867944	123869605	H2AZ_Rep2_peak_13578	58
123872681	123873279	H2AZ_Rep2_peak_13579	99
123920532	123922589	H2AZ_Rep2_peak_13580	207
123929336	123931286	H2AZ_Rep2_peak_13581	117
123933635	123934340	H2AZ_Rep2_peak_13582	72
123942417	123943539	H2AZ_Rep2_peak_13583	150
124016538	124019382	H2AZ_Rep2_peak_13584	122
124055731	124056480	H2AZ_Rep2_peak_13585	46
124066937	124069853	H2AZ_Rep2_peak_13586	43
124085717	124087625	H2AZ_Rep2_peak_13587	144
124117550	124118922	H2AZ_Rep2_peak_13588	89
124155210	124156740	H2AZ_Rep2_peak_13589	145
124195607	124198508	H2AZ_Rep2_peak_13590	87

124458074	124458797	H2AZ_Rep2_peak_13596	80
124521080	124521750	H2AZ_Rep2_peak_13597	29
124852646	124854929	H2AZ_Rep2_peak_13601	32
124906907	124908055	H2AZ_Rep2_peak_13602	28
125051816	125052900	H2AZ_Rep2_peak_13604	81
125092938	125093941	H2AZ_Rep2_peak_13606	68
125108051	125111773	H2AZ_Rep2_peak_13607	37
125116789	125118895	H2AZ_Rep2_peak_13608	85
125123874	125124937	H2AZ_Rep2_peak_13609	25
125139670	125140298	H2AZ_Rep2_peak_13610	13
125164042	125164631	H2AZ_Rep2_peak_13613	35
125166072	125172492	H2AZ_Rep2_peak_13614	71
125178932	125180078	H2AZ_Rep2_peak_13615	27
125187621	125188845	H2AZ_Rep2_peak_13617	41
125196473	125201798	H2AZ_Rep2_peak_13618	124
125204595	125205515	H2AZ_Rep2_peak_13619	77
125210852	125212460	H2AZ_Rep2_peak_13620	50
125229892	125231106	H2AZ_Rep2_peak_13622	45
125312381	125313969	H2AZ_Rep2_peak_13624	40
125322548	125322851	H2AZ_Rep2_peak_13625	24
125347373	125353954	H2AZ_Rep2_peak_13626	63
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125388957	125389709	H2AZ_Rep2_peak_13628	133
125399152	125399610	H2AZ_Rep2_peak_13629	150
125402073	125406822	H2AZ_Rep2_peak_13630	60
125408131	125408914	H2AZ_Rep2_peak_13631	35
125411966	125413140	H2AZ_Rep2_peak_13632	93
125423496	125425835	H2AZ_Rep2_peak_13633	86
125472893	125474173	H2AZ_Rep2_peak_13634	26
125477451	125479604	H2AZ_Rep2_peak_13635	78
125549346	125550898	H2AZ_Rep2_peak_13636	53
125564205	125564878	H2AZ_Rep2_peak_13637	33
125625234	125625676	H2AZ_Rep2_peak_13638	30
125667933	125668398	H2AZ_Rep2_peak_13640	33
126467442	126468625	H2AZ_Rep2_peak_13648	40
126535224	126537899	H2AZ_Rep2_peak_13650	20
126977819	126978919	H2AZ_Rep2_peak_13653	38
127566525	127568841	H2AZ_Rep2_peak_13659	52
127610156	127611555	H2AZ_Rep2_peak_13660	47
127614377	127615026	H2AZ_Rep2_peak_13661	28
129307669	129309394	H2AZ_Rep2_peak_13666	108
130145042	130145582	H2AZ_Rep2_peak_13672	13
130527024	130527699	H2AZ_Rep2_peak_13675	52

130531968	130533550	H2AZ_Rep2_peak_13676	23
130537998	130538484	H2AZ_Rep2_peak_13677	66
130557227	130557725	H2AZ_Rep2_peak_13678	13
130563626	130565007	H2AZ_Rep2_peak_13679	19
130582380	130583392	H2AZ_Rep2_peak_13682	17
130609106	130613305	H2AZ_Rep2_peak_13683	59
130609106	130613305	H2AZ_Rep2_peak_13683	59
130615087	130619236	H2AZ_Rep2_peak_13684	27
130621255	130622262	H2AZ_Rep2_peak_13685	101
130623750	130628051	H2AZ_Rep2_peak_13686	81
130623750	130628051	H2AZ_Rep2_peak_13686	81
130645997	130647799	H2AZ_Rep2_peak_13687	32
130670889	130671721	H2AZ_Rep2_peak_13688	31
130677515	130678094	H2AZ_Rep2_peak_13689	29
130687312	130690684	H2AZ_Rep2_peak_13692	60
130699349	130700062	H2AZ_Rep2_peak_13693	38
130818418	130819736	H2AZ_Rep2_peak_13700	15
130824403	130824924	H2AZ_Rep2_peak_13701	29
131238864	131239620	H2AZ_Rep2_peak_13705	26
131302980	131303740	H2AZ_Rep2_peak_13707	53
131322717	131325083	H2AZ_Rep2_peak_13708	72
131355395	131356331	H2AZ_Rep2_peak_13709	112
131404576	131405823	H2AZ_Rep2_peak_13710	64
131510225	131511493	H2AZ_Rep2_peak_13713	46
131589287	131589740	H2AZ_Rep2_peak_13715	47
131702575	131703519	H2AZ_Rep2_peak_13719	105
131705259	131707731	H2AZ_Rep2_peak_13720	105
131727064	131727907	H2AZ_Rep2_peak_13722	56
131748906	131750167	H2AZ_Rep2_peak_13723	82
131751504	131754506	H2AZ_Rep2_peak_13724	43
131886759	131888124	H2AZ_Rep2_peak_13729	27
131909648	131910627	H2AZ_Rep2_peak_13731	50
131922303	131923768	H2AZ_Rep2_peak_13732	19
131925668	131928255	H2AZ_Rep2_peak_13733	30
131939108	131939899	H2AZ_Rep2_peak_13735	102
132193559	132197245	H2AZ_Rep2_peak_13737	179
132268485	132269070	H2AZ_Rep2_peak_13738	69
132315026	132315984	H2AZ_Rep2_peak_13740	40
132335418	132336863	H2AZ_Rep2_peak_13741	29
132344888	132347546	H2AZ_Rep2_peak_13742	72
132356489	132357329	H2AZ_Rep2_peak_13745	67
132361627	132362471	H2AZ_Rep2_peak_13746	36
132367761	132368617	H2AZ_Rep2_peak_13747	59

132412497	132414924	H2AZ_Rep2_peak_13749	36
132433839	132435480	H2AZ_Rep2_peak_13750	63
132568267	132569116	H2AZ_Rep2_peak_13751	43
132628510	132629639	H2AZ_Rep2_peak_13752	60
132673653	132675188	H2AZ_Rep2_peak_13756	103
132861261	132863714	H2AZ_Rep2_peak_13758	44
132903186	132905049	H2AZ_Rep2_peak_13760	88
132933388	132933891	H2AZ_Rep2_peak_13762	48
132969781	132971657	H2AZ_Rep2_peak_13764	80
133029918	133030739	H2AZ_Rep2_peak_13767	49
133047520	133048102	H2AZ_Rep2_peak_13768	104
133184638	133185066	H2AZ_Rep2_peak_13771	74
133286537	133288136	H2AZ_Rep2_peak_13774	72
133336950	133339668	H2AZ_Rep2_peak_13775	52
133404815	133406387	H2AZ_Rep2_peak_13776	161
133706318	133707717	H2AZ_Rep2_peak_13777	196
133757247	133758657	H2AZ_Rep2_peak_13778	99
20175634	20176939	H2AZ_Rep2_peak_13779	64
20207113	20208510	H2AZ_Rep2_peak_13780	70
20356221	20357572	H2AZ_Rep2_peak_13781	60
20436669	20439565	H2AZ_Rep2_peak_13782	48
20450999	20451713	H2AZ_Rep2_peak_13783	27
20484382	20485189	H2AZ_Rep2_peak_13784	35
20532196	20534405	H2AZ_Rep2_peak_13785	89
20734202	20734822	H2AZ_Rep2_peak_13786	26
20737604	20738214	H2AZ_Rep2_peak_13787	34
20748767	20749834	H2AZ_Rep2_peak_13788	40
20976283	20977205	H2AZ_Rep2_peak_13790	14
20993825	20994521	H2AZ_Rep2_peak_13791	24
21099306	21100912	H2AZ_Rep2_peak_13792	116
21140680	21142628	H2AZ_Rep2_peak_13793	47
21346879	21348603	H2AZ_Rep2_peak_13796	59
21475997	21477563	H2AZ_Rep2_peak_13797	95
21513592	21514752	H2AZ_Rep2_peak_13798	27
21634483	21636377	H2AZ_Rep2_peak_13800	32
21714019	21715300	H2AZ_Rep2_peak_13801	60
21749922	21751515	H2AZ_Rep2_peak_13802	110
21871618	21873386	H2AZ_Rep2_peak_13803	77
22032856	22034114	H2AZ_Rep2_peak_13805	59
22177626	22179719	H2AZ_Rep2_peak_13809	100
23948921	23950376	H2AZ_Rep2_peak_13813	63
24132586	24133736	H2AZ_Rep2_peak_13814	131
24462467	24464570	H2AZ_Rep2_peak_13815	75



24721337	24724019	H2AZ_Rep2_peak_13817	69
24734062	24735784	H2AZ_Rep2_peak_13818	75
25085422	25087364	H2AZ_Rep2_peak_13819	48
25180142	25180505	H2AZ_Rep2_peak_13820	21
25496381	25497916	H2AZ_Rep2_peak_13822	74
25860728	25862234	H2AZ_Rep2_peak_13823	94
25874726	25876030	H2AZ_Rep2_peak_13824	55
26760000	26761249	H2AZ_Rep2_peak_13825	68
26795619	26797628	H2AZ_Rep2_peak_13826	160
26827475	26829244	H2AZ_Rep2_peak_13827	50
27504534	27505019	H2AZ_Rep2_peak_13828	87
27530616	27531496	H2AZ_Rep2_peak_13830	40
27538571	27539577	H2AZ_Rep2_peak_13831	76
27546429	27546938	H2AZ_Rep2_peak_13833	26
27551724	27552946	H2AZ_Rep2_peak_13834	18
27557294	27559642	H2AZ_Rep2_peak_13835	42
27610122	27610674	H2AZ_Rep2_peak_13838	40
27746243	27747004	H2AZ_Rep2_peak_13839	43
27756956	27757847	H2AZ_Rep2_peak_13840	49
27767672	27770477	H2AZ_Rep2_peak_13841	31
27825051	27826052	H2AZ_Rep2_peak_13842	50
27844483	27846677	H2AZ_Rep2_peak_13843	36
27883340	27885022	H2AZ_Rep2_peak_13844	20
27935973	27936762	H2AZ_Rep2_peak_13845	54
27997655	28000411	H2AZ_Rep2_peak_13847	58
28023651	28025811	H2AZ_Rep2_peak_13848	88
28029435	28030197	H2AZ_Rep2_peak_13849	43
28107307	28107678	H2AZ_Rep2_peak_13852	37
28193848	28196579	H2AZ_Rep2_peak_13853	51
28400583	28401051	H2AZ_Rep2_peak_13854	46
28489649	28490384	H2AZ_Rep2_peak_13857	45
28711746	28712477	H2AZ_Rep2_peak_13858	37
29232170	29233813	H2AZ_Rep2_peak_13859	31
29267923	29268548	H2AZ_Rep2_peak_13860	141
29290485	29291572	H2AZ_Rep2_peak_13863	21
29317809	29318839	H2AZ_Rep2_peak_13864	26
29327296	29329613	H2AZ_Rep2_peak_13865	24
30002160	30003374	H2AZ_Rep2_peak_13867	70
30008775	30011245	H2AZ_Rep2_peak_13868	25
30168687	30170238	H2AZ_Rep2_peak_13869	19
30276955	30277666	H2AZ_Rep2_peak_13871	40
30423472	30424543	H2AZ_Rep2_peak_13872	32
30496697	30500599	H2AZ_Rep2_peak_13873	40

30686768	30689452	H2AZ_Rep2_peak_13874	66
30712121	30712719	H2AZ_Rep2_peak_13875	21
30716662	30718258	H2AZ_Rep2_peak_13876	37
30880711	30882056	H2AZ_Rep2_peak_13877	58
30938047	30938679	H2AZ_Rep2_peak_13879	37
30968841	30970114	H2AZ_Rep2_peak_13881	107
30979898	30983299	H2AZ_Rep2_peak_13882	22
30995385	30997014	H2AZ_Rep2_peak_13883	66
31018433	31020635	H2AZ_Rep2_peak_13884	124
31040294	31041121	H2AZ_Rep2_peak_13885	28
31146759	31147074	H2AZ_Rep2_peak_13886	32
31191394	31192748	H2AZ_Rep2_peak_13887	101
31247524	31248905	H2AZ_Rep2_peak_13888	64
31264386	31265154	H2AZ_Rep2_peak_13889	56
31370341	31370892	H2AZ_Rep2_peak_13892	19
31376847	31377704	H2AZ_Rep2_peak_13893	40
31439463	31440029	H2AZ_Rep2_peak_13894	14
31618335	31620645	H2AZ_Rep2_peak_13896	56
31734908	31737468	H2AZ_Rep2_peak_13897	59
31773748	31775459	H2AZ_Rep2_peak_13898	27
32482646	32483168	H2AZ_Rep2_peak_13900	15
32504771	32506285	H2AZ_Rep2_peak_13901	63
32518983	32519473	H2AZ_Rep2_peak_13902	18
32605008	32606372	H2AZ_Rep2_peak_13906	45
32620364	32620831	H2AZ_Rep2_peak_13907	36
32623063	32623420	H2AZ_Rep2_peak_13908	45
32736816	32739086	H2AZ_Rep2_peak_13910	155
32888981	32891020	H2AZ_Rep2_peak_13912	103
33112372	33114119	H2AZ_Rep2_peak_13914	63
33159786	33161802	H2AZ_Rep2_peak_13916	78
33791821	33792766	H2AZ_Rep2_peak_13917	22
33859091	33860707	H2AZ_Rep2_peak_13918	89
33962377	33963026	H2AZ_Rep2_peak_13919	33
34115094	34117870	H2AZ_Rep2_peak_13922	37
34184730	34185918	H2AZ_Rep2_peak_13923	76
34208855	34209207	H2AZ_Rep2_peak_13924	31
34216315	34218028	H2AZ_Rep2_peak_13926	62
34252959	34253802	H2AZ_Rep2_peak_13928	55
34390793	34392978	H2AZ_Rep2_peak_13932	51
34492245	34493088	H2AZ_Rep2_peak_13933	43
34729916	34731416	H2AZ_Rep2_peak_13936	43
34930946	34932163	H2AZ_Rep2_peak_13938	44
35441737	35442082	H2AZ_Rep2_peak_13939	29

35515754	35517303	H2AZ_Rep2_peak_13941	84
36871230	36872496	H2AZ_Rep2_peak_13945	99
36919378	36920999	H2AZ_Rep2_peak_13946	60
36992020	36992814	H2AZ_Rep2_peak_13947	62
37392722	37394225	H2AZ_Rep2_peak_13948	75
37572517	37575474	H2AZ_Rep2_peak_13949	44
37632940	37634770	H2AZ_Rep2_peak_13950	44
38255191	38256863	H2AZ_Rep2_peak_13951	15
38492935	38493344	H2AZ_Rep2_peak_13952	15
38619365	38620158	H2AZ_Rep2_peak_13953	43
38776702	38777120	H2AZ_Rep2_peak_13954	14
38922755	38924537	H2AZ_Rep2_peak_13955	72
38973822	38974439	H2AZ_Rep2_peak_13957	23
39610357	39613357	H2AZ_Rep2_peak_13959	112
40176590	40178000	H2AZ_Rep2_peak_13960	47
40229143	40230715	H2AZ_Rep2_peak_13961	85
40686476	40691451	H2AZ_Rep2_peak_13965	24
40715815	40716360	H2AZ_Rep2_peak_13966	63
40723791	40724221	H2AZ_Rep2_peak_13967	56
40725563	40727672	H2AZ_Rep2_peak_13968	32
40755522	40755866	H2AZ_Rep2_peak_13970	31
40780001	40780988	H2AZ_Rep2_peak_13971	20
40845890	40846871	H2AZ_Rep2_peak_13972	25
40976327	40977890	H2AZ_Rep2_peak_13973	38
41238557	41240635	H2AZ_Rep2_peak_13974	31
41344463	41345935	H2AZ_Rep2_peak_13975	92
41351053	41352156	H2AZ_Rep2_peak_13976	27
41363131	41364654	H2AZ_Rep2_peak_13977	36
41495640	41496304	H2AZ_Rep2_peak_13978	26
41633696	41636632	H2AZ_Rep2_peak_13980	64
41706295	41707472	H2AZ_Rep2_peak_13981	83
41767810	41769676	H2AZ_Rep2_peak_13982	90
41836775	41838568	H2AZ_Rep2_peak_13983	90
41884711	41886519	H2AZ_Rep2_peak_13984	59
42534178	42536214	H2AZ_Rep2_peak_13986	125
42613786	42616217	H2AZ_Rep2_peak_13987	55
42621551	42623857	H2AZ_Rep2_peak_13988	54
42845147	42847203	H2AZ_Rep2_peak_13990	79
43069252	43070258	H2AZ_Rep2_peak_13992	19
43302491	43303684	H2AZ_Rep2_peak_13999	25
43320256	43322246	H2AZ_Rep2_peak_14000	53
43381535	43386045	H2AZ_Rep2_peak_14002	37
43381535	43386045	H2AZ_Rep2_peak_14002	37

43457465	43458217	H2AZ_Rep2_peak_14004	28
43541579	43541912	H2AZ_Rep2_peak_14005	68
43559240	43560239	H2AZ_Rep2_peak_14006	43
43597322	43598166	H2AZ_Rep2_peak_14009	51
43619166	43619810	H2AZ_Rep2_peak_14010	16
43629105	43629808	H2AZ_Rep2_peak_14011	30
43632368	43633119	H2AZ_Rep2_peak_14012	28
43706035	43706985	H2AZ_Rep2_peak_14013	43
43719553	43720136	H2AZ_Rep2_peak_14015	38
43723099	43725732	H2AZ_Rep2_peak_14016	25
43727237	43729443	H2AZ_Rep2_peak_14017	45
43732899	43733632	H2AZ_Rep2_peak_14018	35
43835085	43835469	H2AZ_Rep2_peak_14020	41
44360604	44362369	H2AZ_Rep2_peak_14022	93
44389547	44389918	H2AZ_Rep2_peak_14024	38
44453138	44454411	H2AZ_Rep2_peak_14025	69
44678944	44684828	H2AZ_Rep2_peak_14027	41
44706796	44707632	H2AZ_Rep2_peak_14028	33
44715483	44716870	H2AZ_Rep2_peak_14029	40
44732837	44735962	H2AZ_Rep2_peak_14030	20
44746754	44749680	H2AZ_Rep2_peak_14031	73
44771735	44773262	H2AZ_Rep2_peak_14032	22
44792812	44793383	H2AZ_Rep2_peak_14034	30
44810579	44812247	H2AZ_Rep2_peak_14036	34
44823657	44824133	H2AZ_Rep2_peak_14037	26
44845177	44850549	H2AZ_Rep2_peak_14039	35
44977667	44978357	H2AZ_Rep2_peak_14047	14
45150532	45152693	H2AZ_Rep2_peak_14049	46
45288142	45290200	H2AZ_Rep2_peak_14051	22
45306167	45307084	H2AZ_Rep2_peak_14053	68
45308380	45308959	H2AZ_Rep2_peak_14054	18
45330147	45330586	H2AZ_Rep2_peak_14055	23
45390085	45393723	H2AZ_Rep2_peak_14057	26
45390085	45393723	H2AZ_Rep2_peak_14057	26
45491380	45493333	H2AZ_Rep2_peak_14058	85
45495842	45496969	H2AZ_Rep2_peak_14059	34
45562930	45564188	H2AZ_Rep2_peak_14060	86
45629506	45631118	H2AZ_Rep2_peak_14061	80
45693687	45695632	H2AZ_Rep2_peak_14062	120
45915895	45916285	H2AZ_Rep2_peak_14063	29
45946908	45947251	H2AZ_Rep2_peak_14065	22
45991567	45992786	H2AZ_Rep2_peak_14066	99
46038240	46039706	H2AZ_Rep2_peak_14067	57

46626144	46627693	H2AZ_Rep2_peak_14069	69
47126352	47128913	H2AZ_Rep2_peak_14071	65
47370347	47373121	H2AZ_Rep2_peak_14072	140
47467885	47468942	H2AZ_Rep2_peak_14075	44
47508728	47509057	H2AZ_Rep2_peak_14076	24
47883817	47885001	H2AZ_Rep2_peak_14078	67
48048817	48049948	H2AZ_Rep2_peak_14080	45
48071983	48075154	H2AZ_Rep2_peak_14081	33
48246587	48247908	H2AZ_Rep2_peak_14083	49
48409787	48410087	H2AZ_Rep2_peak_14084	23
48574542	48576359	H2AZ_Rep2_peak_14085	78
48611217	48612724	H2AZ_Rep2_peak_14086	84
48668691	48670957	H2AZ_Rep2_peak_14087	47
48684160	48685474	H2AZ_Rep2_peak_14088	21
48730577	48731017	H2AZ_Rep2_peak_14091	35
48795326	48797271	H2AZ_Rep2_peak_14093	43
48806629	48808140	H2AZ_Rep2_peak_14094	55
48876339	48878685	H2AZ_Rep2_peak_14095	36
49105862	49107865	H2AZ_Rep2_peak_14096	107
49174590	49176737	H2AZ_Rep2_peak_14101	38
49322456	49325361	H2AZ_Rep2_peak_14105	28
49364514	49366638	H2AZ_Rep2_peak_14107	19
49432093	49432679	H2AZ_Rep2_peak_14110	15
49482817	49483970	H2AZ_Rep2_peak_14113	15
49549501	49551037	H2AZ_Rep2_peak_14114	25
49788704	49789760	H2AZ_Rep2_peak_14115	53
49821198	49822961	H2AZ_Rep2_peak_14117	106
49874684	49875978	H2AZ_Rep2_peak_14118	30
49887621	49888847	H2AZ_Rep2_peak_14119	160
50017443	50019553	H2AZ_Rep2_peak_14120	105
50069285	50070739	H2AZ_Rep2_peak_14121	32
50158862	50161962	H2AZ_Rep2_peak_14122	92
50180824	50181421	H2AZ_Rep2_peak_14123	42
50198994	50200376	H2AZ_Rep2_peak_14124	88
50214922	50216644	H2AZ_Rep2_peak_14125	35
50264560	50266198	H2AZ_Rep2_peak_14126	35
50365825	50367968	H2AZ_Rep2_peak_14127	63
50421783	50422804	H2AZ_Rep2_peak_14129	93
50432397	50434179	H2AZ_Rep2_peak_14130	22
50509635	50511265	H2AZ_Rep2_peak_14131	75
50570668	50571523	H2AZ_Rep2_peak_14132	38
50655860	50657203	H2AZ_Rep2_peak_14133	64
50697786	50700935	H2AZ_Rep2_peak_14134	77

50782784	50783517	H2AZ_Rep2_peak_14135	59
50804417	50804837	H2AZ_Rep2_peak_14136	14
51483556	51485185	H2AZ_Rep2_peak_14143	109
51654910	51655314	H2AZ_Rep2_peak_14144	22
51796046	51796396	H2AZ_Rep2_peak_14145	42
52027510	52028350	H2AZ_Rep2_peak_14146	24
52093001	52094889	H2AZ_Rep2_peak_14147	42
52097869	52100347	H2AZ_Rep2_peak_14148	29
52106822	52110459	H2AZ_Rep2_peak_14149	28
52122918	52124254	H2AZ_Rep2_peak_14150	24
52131532	52132763	H2AZ_Rep2_peak_14151	44
52137822	52139196	H2AZ_Rep2_peak_14152	27
52157500	52159539	H2AZ_Rep2_peak_14153	87
52367435	52368147	H2AZ_Rep2_peak_14154	36
52375843	52378765	H2AZ_Rep2_peak_14155	34
52388798	52390914	H2AZ_Rep2_peak_14156	74
52419038	52420436	H2AZ_Rep2_peak_14157	157
52470146	52470664	H2AZ_Rep2_peak_14158	35
52585595	52586865	H2AZ_Rep2_peak_14159	110
52701757	52703600	H2AZ_Rep2_peak_14160	32
52732831	52734499	H2AZ_Rep2_peak_14161	67
52767884	52769230	H2AZ_Rep2_peak_14162	95
52923094	52923464	H2AZ_Rep2_peak_14163	21
53023890	53025269	H2AZ_Rep2_peak_14164	40
53027514	53030036	H2AZ_Rep2_peak_14165	124
53173088	53174900	H2AZ_Rep2_peak_14166	32
53190768	53192096	H2AZ_Rep2_peak_14167	79
53226081	53227442	H2AZ_Rep2_peak_14168	76
60032993	60033608	H2AZ_Rep2_peak_14175	30
60105627	60106122	H2AZ_Rep2_peak_14177	56
60737378	60738926	H2AZ_Rep2_peak_14179	147
60969810	60972650	H2AZ_Rep2_peak_14180	120
62132117	62132640	H2AZ_Rep2_peak_14184	20
62783471	62784250	H2AZ_Rep2_peak_14187	51
63086588	63087099	H2AZ_Rep2_peak_14192	38
63252332	63252762	H2AZ_Rep2_peak_14193	50
63941406	63942313	H2AZ_Rep2_peak_14202	23
64009856	64011926	H2AZ_Rep2_peak_14203	16
64159561	64160841	H2AZ_Rep2_peak_14207	40
64210587	64211031	H2AZ_Rep2_peak_14209	57
64649174	64652585	H2AZ_Rep2_peak_14214	56
65248719	65250462	H2AZ_Rep2_peak_14216	38
65262932	65263850	H2AZ_Rep2_peak_14217	34

65502805	65503673	H2AZ_Rep2_peak_14218	34
65835229	65835533	H2AZ_Rep2_peak_14221	24
66035866	66036322	H2AZ_Rep2_peak_14223	45
66784930	66785235	H2AZ_Rep2_peak_14234	41
67231008	67231899	H2AZ_Rep2_peak_14235	34
67233482	67235550	H2AZ_Rep2_peak_14236	60
67673807	67676820	H2AZ_Rep2_peak_14237	29
67673807	67676820	H2AZ_Rep2_peak_14237	29
67694568	67695732	H2AZ_Rep2_peak_14238	32
67804850	67805819	H2AZ_Rep2_peak_14240	36
67928053	67928541	H2AZ_Rep2_peak_14243	30
68113540	68113867	H2AZ_Rep2_peak_14247	27
68162531	68162891	H2AZ_Rep2_peak_14249	51
68270822	68271529	H2AZ_Rep2_peak_14250	49
68708483	68708932	H2AZ_Rep2_peak_14256	25
68765183	68765529	H2AZ_Rep2_peak_14257	31
68831013	68831697	H2AZ_Rep2_peak_14258	62
69109204	69109511	H2AZ_Rep2_peak_14260	31
69125548	69126801	H2AZ_Rep2_peak_14261	35
69182111	69182539	H2AZ_Rep2_peak_14262	18
69742146	69742961	H2AZ_Rep2_peak_14267	73
70572943	70574324	H2AZ_Rep2_peak_14272	41
70658300	70659328	H2AZ_Rep2_peak_14273	16
71599976	71600323	H2AZ_Rep2_peak_14276	31
71865084	71865701	H2AZ_Rep2_peak_14278	21
72740463	72741522	H2AZ_Rep2_peak_14280	11
72768766	72769148	H2AZ_Rep2_peak_14281	43
73300950	73302843	H2AZ_Rep2_peak_14284	123
73355475	73357455	H2AZ_Rep2_peak_14285	55
73613865	73615731	H2AZ_Rep2_peak_14286	27
73628799	73629137	H2AZ_Rep2_peak_14287	22
73670746	73671416	H2AZ_Rep2_peak_14288	25
73710891	73716601	H2AZ_Rep2_peak_14290	48
73740172	73743490	H2AZ_Rep2_peak_14292	19
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73745275	73746442	H2AZ_Rep2_peak_14293	40
73748023	73749083	H2AZ_Rep2_peak_14294	26
73751468	73754275	H2AZ_Rep2_peak_14295	20
73763671	73765589	H2AZ_Rep2_peak_14297	27
73772877	73773438	H2AZ_Rep2_peak_14299	14
73792066	73793687	H2AZ_Rep2_peak_14302	17
73802340	73803159	H2AZ_Rep2_peak_14304	24
73814033	73816765	H2AZ_Rep2_peak_14305	16

73822975	73823667	H2AZ_Rep2_peak_14306	41
73828801	73830068	H2AZ_Rep2_peak_14307	22
73835492	73836776	H2AZ_Rep2_peak_14309	28
73860674	73863456	H2AZ_Rep2_peak_14311	27
73898387	73900821	H2AZ_Rep2_peak_14312	49
73909878	73911808	H2AZ_Rep2_peak_14314	17
73915885	73917016	H2AZ_Rep2_peak_14315	30
73939122	73940182	H2AZ_Rep2_peak_14316	56
73990188	73990567	H2AZ_Rep2_peak_14318	25
74008140	74008474	H2AZ_Rep2_peak_14320	22
74039261	74041791	H2AZ_Rep2_peak_14321	55
74067301	74067638	H2AZ_Rep2_peak_14322	13
74137236	74137570	H2AZ_Rep2_peak_14324	35
74171709	74172534	H2AZ_Rep2_peak_14325	26
74185069	74185587	H2AZ_Rep2_peak_14326	32
74209107	74210191	H2AZ_Rep2_peak_14327	16
74707082	74710504	H2AZ_Rep2_peak_14331	83
74831515	74832516	H2AZ_Rep2_peak_14335	26
76054836	76057893	H2AZ_Rep2_peak_14338	50
76063322	76064253	H2AZ_Rep2_peak_14339	55
76111145	76113176	H2AZ_Rep2_peak_14340	109
76123008	76124711	H2AZ_Rep2_peak_14341	106
76209788	76211680	H2AZ_Rep2_peak_14342	124
76289671	76290098	H2AZ_Rep2_peak_14345	14
76450412	76451310	H2AZ_Rep2_peak_14347	54
76475963	76476366	H2AZ_Rep2_peak_14348	16
77459776	77460196	H2AZ_Rep2_peak_14350	23
77491605	77492490	H2AZ_Rep2_peak_14352	41
77565155	77567502	H2AZ_Rep2_peak_14353	117
77600955	77602347	H2AZ_Rep2_peak_14354	47
77899637	77905696	H2AZ_Rep2_peak_14355	124
78052166	78052741	H2AZ_Rep2_peak_14357	82
79231933	79234233	H2AZ_Rep2_peak_14361	109
79653353	79653935	H2AZ_Rep2_peak_14362	20
79979215	79981024	H2AZ_Rep2_peak_14363	106
80054742	80056135	H2AZ_Rep2_peak_14365	78
80163688	80164361	H2AZ_Rep2_peak_14366	13
80412235	80412666	H2AZ_Rep2_peak_14370	25
80510235	80511925	H2AZ_Rep2_peak_14373	31
80540685	80541196	H2AZ_Rep2_peak_14374	50
80562957	80563549	H2AZ_Rep2_peak_14376	29
80656487	80658007	H2AZ_Rep2_peak_14377	18
80706865	80708121	H2AZ_Rep2_peak_14379	163



80850771	80852136	H2AZ_Rep2_peak_14381	17
80913298	80917552	H2AZ_Rep2_peak_14382	66
81957295	81957908	H2AZ_Rep2_peak_14385	18
81969239	81970590	H2AZ_Rep2_peak_14386	31
82584745	82585364	H2AZ_Rep2_peak_14393	35
82779085	82780612	H2AZ_Rep2_peak_14394	26
83052404	83052936	H2AZ_Rep2_peak_14398	12
83261755	83263814	H2AZ_Rep2_peak_14400	46
83676209	83676823	H2AZ_Rep2_peak_14401	29
84023996	84025039	H2AZ_Rep2_peak_14403	35
85029589	85030047	H2AZ_Rep2_peak_14410	32
85840410	85841235	H2AZ_Rep2_peak_14416	27
85953231	85954750	H2AZ_Rep2_peak_14417	54
86268269	86268611	H2AZ_Rep2_peak_14419	25
86346080	86347501	H2AZ_Rep2_peak_14420	63
86569585	86570149	H2AZ_Rep2_peak_14422	19
87098598	87099801	H2AZ_Rep2_peak_14426	18
87561863	87562321	H2AZ_Rep2_peak_14433	27
87911569	87912615	H2AZ_Rep2_peak_14436	27
88020575	88021059	H2AZ_Rep2_peak_14437	40
88323009	88325145	H2AZ_Rep2_peak_14439	108
88462712	88468998	H2AZ_Rep2_peak_14440	49
88462712	88468998	H2AZ_Rep2_peak_14440	49
88470665	88471858	H2AZ_Rep2_peak_14441	40
88481583	88482213	H2AZ_Rep2_peak_14442	62
89307804	89309284	H2AZ_Rep2_peak_14447	18
89356288	89357360	H2AZ_Rep2_peak_14448	48
90052829	90054425	H2AZ_Rep2_peak_14450	72
90167119	90167626	H2AZ_Rep2_peak_14451	25
90634614	90635530	H2AZ_Rep2_peak_14454	27
90797452	90798478	H2AZ_Rep2_peak_14458	53
91066728	91068559	H2AZ_Rep2_peak_14461	42
91099404	91100948	H2AZ_Rep2_peak_14462	16
91491271	91492507	H2AZ_Rep2_peak_14465	24
91999060	91999872	H2AZ_Rep2_peak_14469	111
92001278	92001713	H2AZ_Rep2_peak_14470	47
92050484	92052547	H2AZ_Rep2_peak_14472	37
92304462	92305518	H2AZ_Rep2_peak_14476	20
93896287	93896989	H2AZ_Rep2_peak_14479	52
93901003	93902367	H2AZ_Rep2_peak_14480	17
95200533	95202850	H2AZ_Rep2_peak_14481	135
95247448	95249085	H2AZ_Rep2_peak_14482	132
95253480	95254956	H2AZ_Rep2_peak_14483	107

95952757	95955322	H2AZ_Rep2_peak_14486	99
96256038	96256716	H2AZ_Rep2_peak_14496	23
96327978	96330389	H2AZ_Rep2_peak_14498	98
96704892	96706258	H2AZ_Rep2_peak_14499	138
97474516	97475496	H2AZ_Rep2_peak_14502	49
97619153	97621136	H2AZ_Rep2_peak_14505	30
97761872	97762559	H2AZ_Rep2_peak_14506	21
97777497	97778812	H2AZ_Rep2_peak_14507	42
97874176	97874730	H2AZ_Rep2_peak_14509	22
98084796	98087512	H2AZ_Rep2_peak_14513	132
98219827	98221073	H2AZ_Rep2_peak_14514	22
98627601	98629601	H2AZ_Rep2_peak_14516	93
99136829	99137248	H2AZ_Rep2_peak_14521	55
99229814	99230278	H2AZ_Rep2_peak_14522	32
99324327	99326825	H2AZ_Rep2_peak_14526	24
99413672	99414323	H2AZ_Rep2_peak_14529	61
99430953	99431320	H2AZ_Rep2_peak_14531	35
99562638	99563154	H2AZ_Rep2_peak_14533	26
99738163	99740851	H2AZ_Rep2_peak_14534	106
99803396	99804285	H2AZ_Rep2_peak_14536	31
99828889	99829423	H2AZ_Rep2_peak_14538	59
99851973	99854002	H2AZ_Rep2_peak_14539	126
100088805	100089706	H2AZ_Rep2_peak_14542	51
100147939	100154550	H2AZ_Rep2_peak_14546	83
100147939	100154550	H2AZ_Rep2_peak_14546	83
100257835	100259591	H2AZ_Rep2_peak_14548	139
100621338	100623893	H2AZ_Rep2_peak_14552	51
100631764	100636148	H2AZ_Rep2_peak_14553	47
100739301	100742196	H2AZ_Rep2_peak_14554	171
101045354	101046632	H2AZ_Rep2_peak_14555	13
101240279	101241642	H2AZ_Rep2_peak_14557	64
101325727	101328146	H2AZ_Rep2_peak_14559	55
101910597	101911061	H2AZ_Rep2_peak_14566	44
101924186	101925360	H2AZ_Rep2_peak_14567	20
102068956	102069729	H2AZ_Rep2_peak_14568	71
102228453	102228982	H2AZ_Rep2_peak_14572	17
102276081	102276985	H2AZ_Rep2_peak_14573	16
102278846	102280583	H2AZ_Rep2_peak_14574	56
102306967	102307387	H2AZ_Rep2_peak_14575	34
102843252	102845815	H2AZ_Rep2_peak_14577	34
103108690	103110235	H2AZ_Rep2_peak_14585	19
103236009	103237258	H2AZ_Rep2_peak_14586	18
103244046	103245071	H2AZ_Rep2_peak_14587	50

103248478	103250177	H2AZ_Rep2_peak_14588	33
103425222	103427469	H2AZ_Rep2_peak_14590	133
103449577	103453372	H2AZ_Rep2_peak_14591	133
103478009	103478785	H2AZ_Rep2_peak_14593	16
103497262	103499527	H2AZ_Rep2_peak_14594	96
103935202	103935734	H2AZ_Rep2_peak_14595	31
105223847	105224186	H2AZ_Rep2_peak_14599	25
105791487	105792816	H2AZ_Rep2_peak_14602	61
106093431	106095239	H2AZ_Rep2_peak_14608	35
106204390	106204690	H2AZ_Rep2_peak_14611	15
106570962	106573195	H2AZ_Rep2_peak_14622	25
107124384	107125434	H2AZ_Rep2_peak_14627	50
107187818	107189044	H2AZ_Rep2_peak_14628	80
107219763	107223284	H2AZ_Rep2_peak_14629	69
108867880	108868376	H2AZ_Rep2_peak_14635	120
108870071	108872669	H2AZ_Rep2_peak_14636	105
109352921	109353491	H2AZ_Rep2_peak_14641	33
109386955	109387415	H2AZ_Rep2_peak_14644	45
109479797	109481390	H2AZ_Rep2_peak_14648	42
109511777	109512514	H2AZ_Rep2_peak_14649	38
109554555	109555224	H2AZ_Rep2_peak_14650	23
109567015	109569636	H2AZ_Rep2_peak_14651	32
109570928	109572681	H2AZ_Rep2_peak_14652	43
109609649	109610406	H2AZ_Rep2_peak_14654	81
109806397	109809744	H2AZ_Rep2_peak_14657	68
109895728	109896186	H2AZ_Rep2_peak_14658	13
110033993	110034546	H2AZ_Rep2_peak_14665	18
110036446	110037977	H2AZ_Rep2_peak_14666	20
110041610	110045110	H2AZ_Rep2_peak_14667	40
110131902	110135429	H2AZ_Rep2_peak_14673	17
110148952	110149804	H2AZ_Rep2_peak_14675	14
110239082	110239841	H2AZ_Rep2_peak_14680	96
110337136	110337928	H2AZ_Rep2_peak_14683	46
110356795	110360125	H2AZ_Rep2_peak_14687	63
110396227	110396719	H2AZ_Rep2_peak_14689	36
110437446	110440080	H2AZ_Rep2_peak_14690	27
110437446	110440080	H2AZ_Rep2_peak_14690	27
110443413	110443926	H2AZ_Rep2_peak_14691	73
110492638	110493328	H2AZ_Rep2_peak_14693	28
110658543	110659259	H2AZ_Rep2_peak_14699	80
110668534	110670836	H2AZ_Rep2_peak_14700	23
110746436	110747646	H2AZ_Rep2_peak_14704	124
110761519	110762220	H2AZ_Rep2_peak_14705	27

110778198	110779161	H2AZ_Rep2_peak_14708	17
110789546	110791390	H2AZ_Rep2_peak_14709	89
110873269	110874675	H2AZ_Rep2_peak_14710	33
110970902	110972201	H2AZ_Rep2_peak_14713	15
110999064	111000703	H2AZ_Rep2_peak_14714	85
111062440	111065191	H2AZ_Rep2_peak_14715	22
111108246	111108651	H2AZ_Rep2_peak_14718	27
111159211	111160869	H2AZ_Rep2_peak_14719	66
111176786	111177472	H2AZ_Rep2_peak_14720	30
111213219	111215668	H2AZ_Rep2_peak_14721	69
111267250	111268916	H2AZ_Rep2_peak_14722	129
111358129	111359609	H2AZ_Rep2_peak_14723	102
111364275	111365341	H2AZ_Rep2_peak_14724	64
111368302	111368846	H2AZ_Rep2_peak_14725	47
111471123	111473090	H2AZ_Rep2_peak_14727	40
111521288	111523313	H2AZ_Rep2_peak_14728	114
111526554	111527867	H2AZ_Rep2_peak_14729	61
111566888	111568508	H2AZ_Rep2_peak_14730	51
111607293	111608029	H2AZ_Rep2_peak_14733	28
111616145	111618283	H2AZ_Rep2_peak_14735	22
111685706	111686213	H2AZ_Rep2_peak_14736	24
111719746	111720246	H2AZ_Rep2_peak_14739	29
111805318	111806859	H2AZ_Rep2_peak_14740	92
113241539	113243566	H2AZ_Rep2_peak_14744	125
113260400	113260879	H2AZ_Rep2_peak_14745	85
113342536	113346194	H2AZ_Rep2_peak_14746	43
113365814	113366668	H2AZ_Rep2_peak_14747	78
113376744	113377555	H2AZ_Rep2_peak_14748	43
113585275	113586007	H2AZ_Rep2_peak_14750	85
113689061	113689983	H2AZ_Rep2_peak_14754	48
113718481	113719524	H2AZ_Rep2_peak_14757	145
113737811	113738582	H2AZ_Rep2_peak_14758	27
113807776	113809433	H2AZ_Rep2_peak_14760	46
113862285	113864666	H2AZ_Rep2_peak_14762	54
113929749	113930371	H2AZ_Rep2_peak_14763	23
113950680	113952488	H2AZ_Rep2_peak_14764	92
114017629	114018412	H2AZ_Rep2_peak_14765	50
114047574	114048841	H2AZ_Rep2_peak_14766	134
114064704	114066408	H2AZ_Rep2_peak_14767	85
114079974	114083210	H2AZ_Rep2_peak_14768	94
114101015	114104420	H2AZ_Rep2_peak_14769	145
114143643	114146025	H2AZ_Rep2_peak_14770	42
114238333	114238923	H2AZ_Rep2_peak_14773	134

114301611	114303829	H2AZ_Rep2_peak_14774	42
114444823	114446251	H2AZ_Rep2_peak_14775	116
114540064	114541349	H2AZ_Rep2_peak_14782	78
114566493	114568029	H2AZ_Rep2_peak_14783	64
114749282	114751238	H2AZ_Rep2_peak_14784	36
114780183	114782028	H2AZ_Rep2_peak_14785	126
114829253	114831808	H2AZ_Rep2_peak_14787	74
114864665	114864981	H2AZ_Rep2_peak_14788	32
114897061	114898414	H2AZ_Rep2_peak_14789	66
114916647	114918008	H2AZ_Rep2_peak_14791	80
114999266	115001646	H2AZ_Rep2_peak_14794	54
115044823	115048159	H2AZ_Rep2_peak_14795	49
115060447	115061421	H2AZ_Rep2_peak_14796	72
115075197	115075497	H2AZ_Rep2_peak_14797	25
115077485	115080414	H2AZ_Rep2_peak_14798	75
20730505	20731333	H2AZ_Rep2_peak_14800	99
20773398	20774243	H2AZ_Rep2_peak_14801	187
20800839	20801908	H2AZ_Rep2_peak_14802	51
20810007	20812525	H2AZ_Rep2_peak_14803	64
20880333	20882288	H2AZ_Rep2_peak_14804	96
20895546	20897566	H2AZ_Rep2_peak_14806	25
20922350	20924034	H2AZ_Rep2_peak_14808	212
20928993	20930790	H2AZ_Rep2_peak_14809	29
20936964	20938733	H2AZ_Rep2_peak_14810	87
21074509	21078364	H2AZ_Rep2_peak_14818	88
21074509	21078364	H2AZ_Rep2_peak_14818	88
21082019	21083778	H2AZ_Rep2_peak_14819	97
21092401	21093663	H2AZ_Rep2_peak_14820	105
21126116	21127118	H2AZ_Rep2_peak_14822	22
21147969	21153593	H2AZ_Rep2_peak_14824	128
21427794	21429991	H2AZ_Rep2_peak_14825	25
21438887	21440283	H2AZ_Rep2_peak_14826	194
21457062	21458803	H2AZ_Rep2_peak_14827	89
21466652	21467840	H2AZ_Rep2_peak_14828	51
21510197	21512889	H2AZ_Rep2_peak_14832	41
21536898	21539482	H2AZ_Rep2_peak_14834	60
21566861	21567770	H2AZ_Rep2_peak_14835	36
21570722	21573145	H2AZ_Rep2_peak_14836	103
21574455	21575788	H2AZ_Rep2_peak_14837	103
21659221	21661322	H2AZ_Rep2_peak_14839	74
21737291	21738607	H2AZ_Rep2_peak_14840	124
21776648	21777589	H2AZ_Rep2_peak_14841	19
21810153	21811465	H2AZ_Rep2_peak_14842	34

21851468	21853215	H2AZ_Rep2_peak_14843	84
21904828	21906064	H2AZ_Rep2_peak_14844	56
21922670	21925160	H2AZ_Rep2_peak_14845	129
21943975	21945936	H2AZ_Rep2_peak_14846	82
21978659	21980340	H2AZ_Rep2_peak_14847	84
22025357	22026074	H2AZ_Rep2_peak_14849	18
22802779	22803639	H2AZ_Rep2_peak_14854	159
23025747	23026737	H2AZ_Rep2_peak_14858	54
23057540	23059074	H2AZ_Rep2_peak_14859	104
23066540	23068310	H2AZ_Rep2_peak_14860	143
23168497	23169668	H2AZ_Rep2_peak_14863	64
23181318	23183091	H2AZ_Rep2_peak_14864	122
23235276	23236827	H2AZ_Rep2_peak_14865	190
23283992	23285222	H2AZ_Rep2_peak_14867	33
23294093	23294471	H2AZ_Rep2_peak_14869	44
23298477	23299638	H2AZ_Rep2_peak_14870	187
23321897	23323001	H2AZ_Rep2_peak_14871	291
23340129	23342504	H2AZ_Rep2_peak_14872	49
23355302	23357598	H2AZ_Rep2_peak_14873	62
23387628	23389044	H2AZ_Rep2_peak_14874	40
23397639	23399933	H2AZ_Rep2_peak_14875	114
23424639	23427007	H2AZ_Rep2_peak_14876	102
23445385	23452517	H2AZ_Rep2_peak_14877	70
23475768	23479988	H2AZ_Rep2_peak_14879	137
23475768	23479988	H2AZ_Rep2_peak_14879	137
23503518	23505388	H2AZ_Rep2_peak_14880	157
23525035	23527528	H2AZ_Rep2_peak_14881	69
23540405	23541154	H2AZ_Rep2_peak_14882	60
23563463	23565202	H2AZ_Rep2_peak_14883	87
23581381	23586118	H2AZ_Rep2_peak_14885	47
23588529	23590726	H2AZ_Rep2_peak_14886	17
23610798	23612395	H2AZ_Rep2_peak_14890	34
23615152	23616108	H2AZ_Rep2_peak_14891	30
23624267	23624989	H2AZ_Rep2_peak_14892	41
23656166	23656571	H2AZ_Rep2_peak_14896	19
23679033	23679905	H2AZ_Rep2_peak_14897	73
23706805	23707738	H2AZ_Rep2_peak_14898	92
23754493	23756372	H2AZ_Rep2_peak_14899	124
23770041	23772249	H2AZ_Rep2_peak_14901	94
23774193	23776477	H2AZ_Rep2_peak_14902	68
23789529	23791696	H2AZ_Rep2_peak_14903	93
23937559	23939349	H2AZ_Rep2_peak_14906	180
24019341	24021595	H2AZ_Rep2_peak_14907	100

24024612	24026455	H2AZ_Rep2_peak_14908	91
24036152	24039089	H2AZ_Rep2_peak_14909	105
24116345	24117030	H2AZ_Rep2_peak_14912	21
24422519	24423834	H2AZ_Rep2_peak_14915	85
24458133	24458788	H2AZ_Rep2_peak_14916	51
24505091	24506523	H2AZ_Rep2_peak_14917	118
24549630	24550840	H2AZ_Rep2_peak_14920	53
24562625	24564947	H2AZ_Rep2_peak_14921	74
24582610	24585217	H2AZ_Rep2_peak_14923	105
24604552	24605854	H2AZ_Rep2_peak_14924	108
24610035	24611255	H2AZ_Rep2_peak_14925	67
24614748	24617366	H2AZ_Rep2_peak_14926	43
24630286	24630630	H2AZ_Rep2_peak_14927	16
24657280	24657999	H2AZ_Rep2_peak_14928	63
24663809	24665904	H2AZ_Rep2_peak_14929	98
24681987	24683224	H2AZ_Rep2_peak_14930	96
24684661	24685673	H2AZ_Rep2_peak_14931	148
24700573	24702617	H2AZ_Rep2_peak_14932	143
24711009	24713108	H2AZ_Rep2_peak_14933	48
24728296	24728961	H2AZ_Rep2_peak_14934	63
24739972	24741488	H2AZ_Rep2_peak_14935	179
24768034	24770035	H2AZ_Rep2_peak_14937	76
24779785	24781218	H2AZ_Rep2_peak_14938	31
24802614	24803552	H2AZ_Rep2_peak_14939	34
24835135	24836382	H2AZ_Rep2_peak_14940	76
24898221	24899159	H2AZ_Rep2_peak_14941	103
24911037	24912903	H2AZ_Rep2_peak_14942	47
25064311	25065532	H2AZ_Rep2_peak_14943	80
25148020	25149158	H2AZ_Rep2_peak_14944	31
25330406	25332152	H2AZ_Rep2_peak_14945	29
25501136	25502464	H2AZ_Rep2_peak_14946	58
26607336	26608322	H2AZ_Rep2_peak_14949	15
26750269	26752175	H2AZ_Rep2_peak_14951	28
27281061	27281747	H2AZ_Rep2_peak_14953	50
27311473	27311797	H2AZ_Rep2_peak_14955	38
27896670	27897076	H2AZ_Rep2_peak_14961	22
28103526	28103855	H2AZ_Rep2_peak_14964	15
28157418	28158451	H2AZ_Rep2_peak_14966	25
28284424	28285189	H2AZ_Rep2_peak_14967	14
28332560	28333381	H2AZ_Rep2_peak_14968	18
28469886	28470738	H2AZ_Rep2_peak_14971	21
28481706	28482009	H2AZ_Rep2_peak_14973	15
28526299	28527437	H2AZ_Rep2_peak_14974	140

28548400	28548876	H2AZ_Rep2_peak_14975	67
28929527	28931177	H2AZ_Rep2_peak_14978	16
28937375	28938345	H2AZ_Rep2_peak_14979	38
29046213	29048214	H2AZ_Rep2_peak_14981	18
29198306	29198937	H2AZ_Rep2_peak_14982	14
31027715	31029093	H2AZ_Rep2_peak_14985	103
31090560	31092060	H2AZ_Rep2_peak_14986	109
31220995	31221472	H2AZ_Rep2_peak_14987	31
31324492	31325302	H2AZ_Rep2_peak_14991	54
31494191	31496942	H2AZ_Rep2_peak_14992	63
31517629	31518325	H2AZ_Rep2_peak_14994	38
31549484	31550198	H2AZ_Rep2_peak_14995	49
31559550	31560698	H2AZ_Rep2_peak_14996	82
31675997	31678659	H2AZ_Rep2_peak_14998	134
31697504	31699564	H2AZ_Rep2_peak_14999	21
31712872	31713441	H2AZ_Rep2_peak_15001	19
31720565	31721251	H2AZ_Rep2_peak_15002	89
31888887	31891343	H2AZ_Rep2_peak_15006	99
31910429	31912002	H2AZ_Rep2_peak_15007	23
31925262	31927799	H2AZ_Rep2_peak_15008	105
31962008	31962518	H2AZ_Rep2_peak_15009	22
32029538	32031226	H2AZ_Rep2_peak_15011	126
32396717	32397057	H2AZ_Rep2_peak_15015	34
32413667	32414642	H2AZ_Rep2_peak_15016	22
32419288	32420801	H2AZ_Rep2_peak_15017	22
32475501	32476496	H2AZ_Rep2_peak_15020	86
32544901	32547387	H2AZ_Rep2_peak_15021	87
32669418	32673627	H2AZ_Rep2_peak_15022	106
32780731	32781393	H2AZ_Rep2_peak_15026	56
32867148	32868021	H2AZ_Rep2_peak_15027	24
32941425	32943198	H2AZ_Rep2_peak_15028	45
32975562	32981364	H2AZ_Rep2_peak_15030	45
32975562	32981364	H2AZ_Rep2_peak_15030	45
32994268	32994663	H2AZ_Rep2_peak_15031	12
33366032	33367104	H2AZ_Rep2_peak_15032	57
34384111	34387312	H2AZ_Rep2_peak_15038	26
34384111	34387312	H2AZ_Rep2_peak_15038	26
34406303	34408186	H2AZ_Rep2_peak_15039	76
34419147	34421779	H2AZ_Rep2_peak_15041	47
34511953	34513907	H2AZ_Rep2_peak_15046	61
34528647	34530068	H2AZ_Rep2_peak_15048	76
34532664	34533806	H2AZ_Rep2_peak_15049	49
34550253	34551225	H2AZ_Rep2_peak_15050	36



34567446	34568660	H2AZ_Rep2_peak_15052	24
34581447	34583176	H2AZ_Rep2_peak_15053	36
34608445	34609506	H2AZ_Rep2_peak_15056	189
34697161	34697786	H2AZ_Rep2_peak_15058	32
34743719	34745822	H2AZ_Rep2_peak_15059	58
34743719	34745822	H2AZ_Rep2_peak_15059	58
34766831	34767380	H2AZ_Rep2_peak_15060	61
34800278	34802316	H2AZ_Rep2_peak_15063	79
34836692	34839298	H2AZ_Rep2_peak_15067	44
34848649	34849963	H2AZ_Rep2_peak_15068	97
34857950	34858708	H2AZ_Rep2_peak_15069	63
34931125	34935552	H2AZ_Rep2_peak_15070	102
34931125	34935552	H2AZ_Rep2_peak_15070	102
34965335	34967655	H2AZ_Rep2_peak_15074	79
35008358	35009767	H2AZ_Rep2_peak_15076	130
35098562	35100044	H2AZ_Rep2_peak_15078	83
35118095	35120702	H2AZ_Rep2_peak_15080	39
35134774	35135720	H2AZ_Rep2_peak_15081	29
35161759	35163022	H2AZ_Rep2_peak_15085	68
35183125	35184485	H2AZ_Rep2_peak_15087	53
35192020	35192623	H2AZ_Rep2_peak_15088	57
35342367	35345389	H2AZ_Rep2_peak_15089	49
35450188	35452750	H2AZ_Rep2_peak_15090	105
35514889	35516281	H2AZ_Rep2_peak_15091	104
35589882	35592831	H2AZ_Rep2_peak_15093	146
35761037	35762207	H2AZ_Rep2_peak_15094	99
35800742	35803748	H2AZ_Rep2_peak_15095	71
35805786	35807593	H2AZ_Rep2_peak_15096	50
35809355	35811998	H2AZ_Rep2_peak_15097	75
35825032	35826023	H2AZ_Rep2_peak_15100	39
35834300	35837492	H2AZ_Rep2_peak_15102	54
35838935	35839652	H2AZ_Rep2_peak_15103	30
35849951	35850562	H2AZ_Rep2_peak_15105	68
35852413	35855362	H2AZ_Rep2_peak_15106	71
35873999	35874899	H2AZ_Rep2_peak_15108	63
36002263	36003643	H2AZ_Rep2_peak_15112	93
36277645	36278818	H2AZ_Rep2_peak_15113	67
36294977	36296652	H2AZ_Rep2_peak_15114	111
36458212	36460502	H2AZ_Rep2_peak_15117	30
36482884	36483184	H2AZ_Rep2_peak_15119	18
36538053	36538797	H2AZ_Rep2_peak_15120	24
36789201	36790581	H2AZ_Rep2_peak_15122	198
37050754	37051731	H2AZ_Rep2_peak_15125	16

37129495	37132199	H2AZ_Rep2_peak_15126	105
37445393	37446295	H2AZ_Rep2_peak_15127	84
37640834	37642211	H2AZ_Rep2_peak_15128	187
37666468	37667903	H2AZ_Rep2_peak_15129	228
38052416	38053316	H2AZ_Rep2_peak_15130	36
38063139	38065934	H2AZ_Rep2_peak_15131	76
38124622	38125861	H2AZ_Rep2_peak_15132	23
38343640	38345456	H2AZ_Rep2_peak_15134	64
38667831	38668872	H2AZ_Rep2_peak_15139	13
38676577	38679458	H2AZ_Rep2_peak_15141	121
38746372	38747404	H2AZ_Rep2_peak_15143	22
39277462	39278794	H2AZ_Rep2_peak_15151	111
39305756	39308366	H2AZ_Rep2_peak_15152	29
39310825	39311949	H2AZ_Rep2_peak_15153	20
39401128	39401791	H2AZ_Rep2_peak_15154	20
39571545	39573369	H2AZ_Rep2_peak_15155	98
39582415	39584316	H2AZ_Rep2_peak_15156	116
39638728	39640585	H2AZ_Rep2_peak_15157	119
39643260	39644794	H2AZ_Rep2_peak_15158	44
39671215	39673928	H2AZ_Rep2_peak_15159	86
39686475	39690302	H2AZ_Rep2_peak_15160	43
39735243	39737094	H2AZ_Rep2_peak_15162	97
39845860	39846537	H2AZ_Rep2_peak_15163	31
39900152	39903169	H2AZ_Rep2_peak_15164	62
39916328	39917268	H2AZ_Rep2_peak_15165	18
42218364	42219006	H2AZ_Rep2_peak_15170	22
44272090	44272588	H2AZ_Rep2_peak_15175	44
44604705	44605668	H2AZ_Rep2_peak_15176	34
45365575	45367340	H2AZ_Rep2_peak_15187	59
45429585	45433720	H2AZ_Rep2_peak_15188	91
45551704	45553921	H2AZ_Rep2_peak_15189	93
45602883	45605917	H2AZ_Rep2_peak_15190	107
45722056	45723636	H2AZ_Rep2_peak_15191	133
45996053	45996755	H2AZ_Rep2_peak_15193	70
46182415	46182715	H2AZ_Rep2_peak_15194	20
50011632	50012121	H2AZ_Rep2_peak_15199	37
50052707	50054164	H2AZ_Rep2_peak_15200	31
50064476	50067026	H2AZ_Rep2_peak_15201	105
50086964	50087952	H2AZ_Rep2_peak_15202	43
50100051	50102072	H2AZ_Rep2_peak_15203	75
50153903	50155639	H2AZ_Rep2_peak_15204	191
50159233	50160574	H2AZ_Rep2_peak_15205	184
50193517	50194202	H2AZ_Rep2_peak_15207	25

50233548	50236078 H2AZ_Rep2_peak_15208	60
50318835	50320146 H2AZ_Rep2_peak_15209	206
50326873	50330966 H2AZ_Rep2_peak_15210	104
50334376	50335567 H2AZ_Rep2_peak_15211	78
50346573	50350118 H2AZ_Rep2_peak_15212	30
50359196	50359607 H2AZ_Rep2_peak_15213	40
50412392	50413247 H2AZ_Rep2_peak_15215	23
50433011	50433501 H2AZ_Rep2_peak_15217	45
50437095	50439477 H2AZ_Rep2_peak_15218	49
50442502	50443860 H2AZ_Rep2_peak_15219	21
50448672	50449910 H2AZ_Rep2_peak_15220	74
50464670	50470737 H2AZ_Rep2_peak_15221	69
50472302	50476378 H2AZ_Rep2_peak_15222	77
50505488	50507836 H2AZ_Rep2_peak_15225	109
50510518	50512655 H2AZ_Rep2_peak_15226	39
50527138	50529887 H2AZ_Rep2_peak_15227	82
50582922	50583941 H2AZ_Rep2_peak_15229	107
50697027	50699477 H2AZ_Rep2_peak_15230	94
50777928	50779966 H2AZ_Rep2_peak_15231	137
50814108	50814888 H2AZ_Rep2_peak_15233	45
50862833	50864902 H2AZ_Rep2_peak_15235	136
50998436	51000196 H2AZ_Rep2_peak_15236	179
51026645	51028479 H2AZ_Rep2_peak_15237	122
51133989	51137467 H2AZ_Rep2_peak_15239	77
51143664	51145244 H2AZ_Rep2_peak_15240	38
51208310	51208924 H2AZ_Rep2_peak_15241	29
51296938	51298786 H2AZ_Rep2_peak_15242	94
51326094	51327267 H2AZ_Rep2_peak_15244	75
51409917	51412064 H2AZ_Rep2_peak_15245	104
51421989	51422491 H2AZ_Rep2_peak_15246	41
51427584	51428586 H2AZ_Rep2_peak_15247	28
51471263	51472070 H2AZ_Rep2_peak_15250	24
51502490	51502923 H2AZ_Rep2_peak_15253	25
51706144	51707551 H2AZ_Rep2_peak_15259	159
51794026	51794939 H2AZ_Rep2_peak_15260	19
51863126	51863571 H2AZ_Rep2_peak_15264	36
51865541	51866047 H2AZ_Rep2_peak_15265	52
52101855	52103400 H2AZ_Rep2_peak_15270	25
52104847	52105427 H2AZ_Rep2_peak_15271	59
52117477	52120161 H2AZ_Rep2_peak_15272	93
52294709	52296016 H2AZ_Rep2_peak_15275	26
52327036	52328060 H2AZ_Rep2_peak_15277	27
52445628	52446486 H2AZ_Rep2_peak_15279	14

52455058	52457035	H2AZ_Rep2_peak_15280	73
52499195	52500475	H2AZ_Rep2_peak_15283	32
52509798	52514016	H2AZ_Rep2_peak_15284	23
52536282	52540003	H2AZ_Rep2_peak_15286	40
52536282	52540003	H2AZ_Rep2_peak_15286	40
52547538	52549956	H2AZ_Rep2_peak_15288	33
52573430	52578297	H2AZ_Rep2_peak_15290	25
52573430	52578297	H2AZ_Rep2_peak_15290	25
52573430	52578297	H2AZ_Rep2_peak_15290	25
52580591	52582069	H2AZ_Rep2_peak_15291	30
52591413	52593286	H2AZ_Rep2_peak_15292	64
52595617	52599385	H2AZ_Rep2_peak_15293	27
52595617	52599385	H2AZ_Rep2_peak_15293	27
52656190	52657378	H2AZ_Rep2_peak_15296	33
52687858	52690374	H2AZ_Rep2_peak_15298	31
52707482	52708289	H2AZ_Rep2_peak_15301	34
52746703	52747588	H2AZ_Rep2_peak_15303	15
52821577	52822901	H2AZ_Rep2_peak_15305	53
53018089	53021104	H2AZ_Rep2_peak_15306	126
53161453	53163313	H2AZ_Rep2_peak_15307	69
53167983	53168339	H2AZ_Rep2_peak_15308	50
53170066	53170477	H2AZ_Rep2_peak_15309	21
53173070	53174414	H2AZ_Rep2_peak_15310	131
53196431	53197997	H2AZ_Rep2_peak_15311	122
53257118	53259807	H2AZ_Rep2_peak_15312	106
53302285	53302763	H2AZ_Rep2_peak_15314	59
53307222	53307775	H2AZ_Rep2_peak_15316	28
53317114	53317612	H2AZ_Rep2_peak_15317	42
53416471	53418683	H2AZ_Rep2_peak_15318	78
53426370	53428076	H2AZ_Rep2_peak_15319	29
53477633	53478520	H2AZ_Rep2_peak_15320	68
53618405	53620878	H2AZ_Rep2_peak_15321	117
53634741	53635082	H2AZ_Rep2_peak_15322	53
53683916	53685180	H2AZ_Rep2_peak_15324	74
54079880	54081089	H2AZ_Rep2_peak_15328	47
54317836	54318347	H2AZ_Rep2_peak_15329	15
54391386	54392358	H2AZ_Rep2_peak_15330	29
54465747	54466293	H2AZ_Rep2_peak_15331	53
54575330	54575630	H2AZ_Rep2_peak_15333	20
54655896	54657081	H2AZ_Rep2_peak_15335	35
54719034	54722006	H2AZ_Rep2_peak_15336	41
54719034	54722006	H2AZ_Rep2_peak_15336	41
54744420	54745904	H2AZ_Rep2_peak_15338	31

54779046	54779772	H2AZ_Rep2_peak_15340	161
54830472	54834292	H2AZ_Rep2_peak_15343	41
54863125	54865152	H2AZ_Rep2_peak_15347	95
54907378	54908941	H2AZ_Rep2_peak_15348	97
54913083	54914231	H2AZ_Rep2_peak_15349	48
54954443	54957534	H2AZ_Rep2_peak_15351	104
54970300	54970931	H2AZ_Rep2_peak_15354	119
54975565	54977418	H2AZ_Rep2_peak_15356	173
55031664	55034768	H2AZ_Rep2_peak_15357	86
55143746	55144544	H2AZ_Rep2_peak_15360	19
55239507	55240735	H2AZ_Rep2_peak_15363	50
55270954	55273132	H2AZ_Rep2_peak_15364	139
55285123	55285803	H2AZ_Rep2_peak_15365	43
55336932	55337663	H2AZ_Rep2_peak_15366	43
55368345	55370176	H2AZ_Rep2_peak_15367	82
55493235	55494374	H2AZ_Rep2_peak_15368	80
55517539	55519133	H2AZ_Rep2_peak_15369	96
55542749	55544925	H2AZ_Rep2_peak_15370	94
55560860	55561588	H2AZ_Rep2_peak_15372	34
55564926	55565297	H2AZ_Rep2_peak_15373	24
55568903	55571246	H2AZ_Rep2_peak_15374	57
55574068	55575418	H2AZ_Rep2_peak_15375	82
55584561	55585492	H2AZ_Rep2_peak_15376	26
55586761	55590817	H2AZ_Rep2_peak_15377	89
55596351	55597195	H2AZ_Rep2_peak_15379	43
55656457	55659407	H2AZ_Rep2_peak_15380	119
55737437	55738914	H2AZ_Rep2_peak_15382	70
55877547	55880516	H2AZ_Rep2_peak_15383	87
55920834	55922078	H2AZ_Rep2_peak_15386	180
55924439	55926191	H2AZ_Rep2_peak_15387	62
56045801	56048200	H2AZ_Rep2_peak_15388	55
56197565	56199844	H2AZ_Rep2_peak_15390	16
56219288	56220368	H2AZ_Rep2_peak_15393	14
56245361	56248287	H2AZ_Rep2_peak_15394	54
56270071	56274991	H2AZ_Rep2_peak_15397	50
56270071	56274991	H2AZ_Rep2_peak_15397	50
56280637	56283030	H2AZ_Rep2_peak_15398	44
56348076	56349000	H2AZ_Rep2_peak_15399	76
56584308	56586380	H2AZ_Rep2_peak_15406	49
56665211	56666962	H2AZ_Rep2_peak_15407	41
56798354	56800911	H2AZ_Rep2_peak_15408	62
56805829	56807350	H2AZ_Rep2_peak_15409	21
57045193	57047220	H2AZ_Rep2_peak_15411	123

57734904	57736399	H2AZ_Rep2_peak_15414	113
57856429	57858626	H2AZ_Rep2_peak_15416	89
58549012	58549693	H2AZ_Rep2_peak_15417	25
58637599	58638377	H2AZ_Rep2_peak_15420	34
58665949	58667878	H2AZ_Rep2_peak_15421	128
58705724	58707603	H2AZ_Rep2_peak_15422	77
58710951	58712168	H2AZ_Rep2_peak_15423	66
58764015	58766831	H2AZ_Rep2_peak_15424	73
58862012	58863411	H2AZ_Rep2_peak_15425	88
58893376	58895720	H2AZ_Rep2_peak_15426	116
59495166	59495886	H2AZ_Rep2_peak_15429	26
59654368	59656760	H2AZ_Rep2_peak_15433	164
59808823	59809679	H2AZ_Rep2_peak_15435	15
59827681	59828581	H2AZ_Rep2_peak_15436	45
59948927	59952016	H2AZ_Rep2_peak_15437	105
60296246	60297131	H2AZ_Rep2_peak_15444	21
60557383	60559792	H2AZ_Rep2_peak_15446	75
60631008	60633019	H2AZ_Rep2_peak_15447	116
60650178	60651201	H2AZ_Rep2_peak_15449	21
60714278	60717010	H2AZ_Rep2_peak_15451	85
61114999	61118343	H2AZ_Rep2_peak_15454	135
61189045	61191958	H2AZ_Rep2_peak_15456	93
61199969	61202048	H2AZ_Rep2_peak_15457	129
61447242	61449343	H2AZ_Rep2_peak_15458	155
61568173	61571354	H2AZ_Rep2_peak_15459	132
61644303	61647162	H2AZ_Rep2_peak_15460	84
61728001	61728402	H2AZ_Rep2_peak_15464	24
61736361	61736782	H2AZ_Rep2_peak_15465	60
61755474	61755866	H2AZ_Rep2_peak_15466	24
61762903	61766092	H2AZ_Rep2_peak_15467	31
61822491	61823147	H2AZ_Rep2_peak_15470	55
61871427	61871727	H2AZ_Rep2_peak_15473	24
61886774	61887452	H2AZ_Rep2_peak_15475	53
61899843	61900313	H2AZ_Rep2_peak_15476	45
61905292	61906622	H2AZ_Rep2_peak_15477	123
61927645	61929979	H2AZ_Rep2_peak_15480	38
61965301	61966978	H2AZ_Rep2_peak_15485	44
61969175	61971807	H2AZ_Rep2_peak_15486	55
61997358	61997695	H2AZ_Rep2_peak_15491	15
62013790	62014852	H2AZ_Rep2_peak_15495	64
62065597	62065956	H2AZ_Rep2_peak_15500	15
62082598	62083363	H2AZ_Rep2_peak_15501	29
62161510	62161932	H2AZ_Rep2_peak_15506	54

62227562	62229655	H2AZ_Rep2_peak_15507	123
62303825	62306916	H2AZ_Rep2_peak_15510	14
63013315	63013993	H2AZ_Rep2_peak_15515	25
63158071	63160994	H2AZ_Rep2_peak_15517	60
63511270	63513390	H2AZ_Rep2_peak_15520	67
63518781	63520728	H2AZ_Rep2_peak_15521	48
63622395	63622800	H2AZ_Rep2_peak_15522	39
63757770	63758894	H2AZ_Rep2_peak_15524	12
64008746	64011140	H2AZ_Rep2_peak_15526	83
64107855	64109450	H2AZ_Rep2_peak_15527	106
64193931	64195321	H2AZ_Rep2_peak_15528	72
64212346	64213292	H2AZ_Rep2_peak_15529	25
64215422	64216336	H2AZ_Rep2_peak_15530	27
64219284	64219925	H2AZ_Rep2_peak_15531	25
64265598	64267270	H2AZ_Rep2_peak_15533	19
64318939	64321223	H2AZ_Rep2_peak_15534	53
64362857	64363386	H2AZ_Rep2_peak_15535	18
64389108	64390398	H2AZ_Rep2_peak_15536	18
64731910	64733353	H2AZ_Rep2_peak_15537	62
64803949	64806552	H2AZ_Rep2_peak_15541	165
64853926	64856071	H2AZ_Rep2_peak_15542	91
64969428	64972467	H2AZ_Rep2_peak_15543	31
65005049	65007726	H2AZ_Rep2_peak_15544	46
65015607	65017439	H2AZ_Rep2_peak_15545	95
65033341	65033898	H2AZ_Rep2_peak_15546	39
65036109	65036620	H2AZ_Rep2_peak_15547	14
65077890	65078402	H2AZ_Rep2_peak_15549	13
65081415	65082088	H2AZ_Rep2_peak_15550	91
65085005	65086637	H2AZ_Rep2_peak_15551	62
65095423	65095991	H2AZ_Rep2_peak_15552	55
65099971	65103443	H2AZ_Rep2_peak_15553	69
65099971	65103443	H2AZ_Rep2_peak_15553	69
65110991	65112694	H2AZ_Rep2_peak_15554	56
65140222	65142569	H2AZ_Rep2_peak_15556	36
65146407	65150602	H2AZ_Rep2_peak_15557	88
65170435	65172918	H2AZ_Rep2_peak_15560	72
65224845	65229699	H2AZ_Rep2_peak_15561	74
65224845	65229699	H2AZ_Rep2_peak_15561	74
65290168	65290707	H2AZ_Rep2_peak_15566	45
65346868	65347321	H2AZ_Rep2_peak_15573	29
65380568	65381645	H2AZ_Rep2_peak_15575	92
65452894	65454659	H2AZ_Rep2_peak_15576	168
65568796	65570521	H2AZ_Rep2_peak_15577	126

65618443	65618892	H2AZ_Rep2_peak_15581	52
65646741	65647732	H2AZ_Rep2_peak_15586	64
65677343	65678758	H2AZ_Rep2_peak_15589	44
65696045	65697355	H2AZ_Rep2_peak_15592	44
65703490	65706377	H2AZ_Rep2_peak_15593	45
65710626	65711161	H2AZ_Rep2_peak_15594	50
65721814	65727284	H2AZ_Rep2_peak_15596	32
65787817	65789010	H2AZ_Rep2_peak_15598	63
65822404	65823881	H2AZ_Rep2_peak_15601	50
65876458	65880756	H2AZ_Rep2_peak_15603	107
66869709	66870201	H2AZ_Rep2_peak_15612	44
66962132	66962665	H2AZ_Rep2_peak_15613	16
66973774	66976367	H2AZ_Rep2_peak_15614	153
67652964	67653921	H2AZ_Rep2_peak_15615	88
67706691	67708835	H2AZ_Rep2_peak_15617	119
67825972	67827628	H2AZ_Rep2_peak_15618	85
67878178	67881472	H2AZ_Rep2_peak_15619	90
67885048	67886192	H2AZ_Rep2_peak_15621	65
67892183	67895630	H2AZ_Rep2_peak_15622	34
67980731	67983705	H2AZ_Rep2_peak_15626	59
67993432	67995205	H2AZ_Rep2_peak_15628	50
67998982	68001084	H2AZ_Rep2_peak_15629	118
68066097	68067701	H2AZ_Rep2_peak_15630	145
68086056	68087750	H2AZ_Rep2_peak_15631	82
68088976	68090241	H2AZ_Rep2_peak_15632	48
68140803	68142151	H2AZ_Rep2_peak_15634	87
68161708	68163276	H2AZ_Rep2_peak_15635	99
68176540	68176915	H2AZ_Rep2_peak_15637	28
68282483	68283911	H2AZ_Rep2_peak_15640	73
68286093	68287645	H2AZ_Rep2_peak_15641	154
68430904	68431682	H2AZ_Rep2_peak_15642	28
68465596	68467544	H2AZ_Rep2_peak_15643	16
68478223	68478723	H2AZ_Rep2_peak_15644	24
68606401	68606893	H2AZ_Rep2_peak_15646	20
68624767	68625284	H2AZ_Rep2_peak_15647	55
68677349	68678578	H2AZ_Rep2_peak_15648	40
68712338	68712810	H2AZ_Rep2_peak_15649	57
68825056	68827868	H2AZ_Rep2_peak_15651	87
68925778	68926498	H2AZ_Rep2_peak_15653	23
68953685	68955403	H2AZ_Rep2_peak_15654	20
68979900	68981283	H2AZ_Rep2_peak_15655	18
68993042	68994392	H2AZ_Rep2_peak_15657	41
69013478	69018167	H2AZ_Rep2_peak_15659	31



69013478	69018167	H2AZ_Rep2_peak_15659	31
69031621	69033438	H2AZ_Rep2_peak_15660	17
69042759	69046063	H2AZ_Rep2_peak_15661	27
69053670	69054543	H2AZ_Rep2_peak_15662	55
69064989	69066496	H2AZ_Rep2_peak_15663	110
69146874	69150471	H2AZ_Rep2_peak_15664	32
69146874	69150471	H2AZ_Rep2_peak_15664	32
69154310	69154766	H2AZ_Rep2_peak_15666	22
69259428	69263277	H2AZ_Rep2_peak_15671	96
69281057	69283875	H2AZ_Rep2_peak_15672	83
69286021	69286995	H2AZ_Rep2_peak_15673	78
69290980	69292307	H2AZ_Rep2_peak_15674	199
69310300	69311496	H2AZ_Rep2_peak_15675	69
69329616	69330199	H2AZ_Rep2_peak_15676	79
69444075	69447204	H2AZ_Rep2_peak_15678	59
69471656	69472907	H2AZ_Rep2_peak_15680	44
69599552	69600456	H2AZ_Rep2_peak_15683	35
69617908	69621695	H2AZ_Rep2_peak_15684	56
69657629	69659077	H2AZ_Rep2_peak_15686	141
69864480	69866025	H2AZ_Rep2_peak_15692	112
70019765	70021534	H2AZ_Rep2_peak_15698	70
70046391	70048325	H2AZ_Rep2_peak_15700	53
70072306	70072798	H2AZ_Rep2_peak_15701	29
70076783	70079707	H2AZ_Rep2_peak_15702	106
70193472	70194960	H2AZ_Rep2_peak_15703	111
70232968	70234323	H2AZ_Rep2_peak_15707	42
70283752	70286546	H2AZ_Rep2_peak_15709	21
70343707	70347086	H2AZ_Rep2_peak_15714	35
70527604	70528274	H2AZ_Rep2_peak_15716	49
70825533	70827512	H2AZ_Rep2_peak_15717	151
70883053	70884502	H2AZ_Rep2_peak_15718	119
71066988	71069332	H2AZ_Rep2_peak_15719	60
71107591	71109763	H2AZ_Rep2_peak_15720	65
71132045	71133949	H2AZ_Rep2_peak_15721	30
71164313	71166636	H2AZ_Rep2_peak_15724	114
71184959	71185886	H2AZ_Rep2_peak_15726	90
71274857	71277349	H2AZ_Rep2_peak_15727	105
71284074	71284406	H2AZ_Rep2_peak_15728	20
71338718	71340454	H2AZ_Rep2_peak_15732	14
71363873	71364424	H2AZ_Rep2_peak_15734	16
71373515	71375645	H2AZ_Rep2_peak_15735	80
71597048	71598090	H2AZ_Rep2_peak_15736	49
71631337	71633232	H2AZ_Rep2_peak_15740	21

71757664	71758390	H2AZ_Rep2_peak_15745	63
71786342	71788814	H2AZ_Rep2_peak_15746	88
72220054	72220354	H2AZ_Rep2_peak_15748	17
73359909	73362094	H2AZ_Rep2_peak_15755	124
73392126	73394674	H2AZ_Rep2_peak_15756	115
73493022	73494841	H2AZ_Rep2_peak_15757	77
73524182	73525926	H2AZ_Rep2_peak_15758	60
73602520	73604368	H2AZ_Rep2_peak_15759	96
73703866	73705999	H2AZ_Rep2_peak_15760	74
73924139	73926021	H2AZ_Rep2_peak_15761	61
73928140	73930344	H2AZ_Rep2_peak_15762	86
73931607	73933043	H2AZ_Rep2_peak_15763	33
73942874	73943213	H2AZ_Rep2_peak_15765	31
73957182	73958608	H2AZ_Rep2_peak_15766	84
74003748	74004142	H2AZ_Rep2_peak_15768	24
74035203	74037128	H2AZ_Rep2_peak_15769	45
74058590	74058984	H2AZ_Rep2_peak_15770	24
74077444	74080420	H2AZ_Rep2_peak_15771	121
74100323	74100821	H2AZ_Rep2_peak_15772	32
74109959	74112308	H2AZ_Rep2_peak_15773	124
74179032	74181028	H2AZ_Rep2_peak_15774	80
74252161	74254914	H2AZ_Rep2_peak_15777	45
74267849	74269759	H2AZ_Rep2_peak_15779	19
74273149	74273490	H2AZ_Rep2_peak_15780	42
74290885	74292125	H2AZ_Rep2_peak_15781	17
74295237	74296499	H2AZ_Rep2_peak_15782	23
74300263	74301381	H2AZ_Rep2_peak_15784	94
74303346	74304039	H2AZ_Rep2_peak_15785	25
74317654	74319371	H2AZ_Rep2_peak_15786	90
74352359	74354068	H2AZ_Rep2_peak_15787	73
74416293	74417650	H2AZ_Rep2_peak_15789	171
74484776	74486736	H2AZ_Rep2_peak_15790	98
74528303	74529299	H2AZ_Rep2_peak_15791	29
74531624	74532955	H2AZ_Rep2_peak_15792	17
74550194	74552433	H2AZ_Rep2_peak_15793	115
74717920	74718513	H2AZ_Rep2_peak_15796	97
74723745	74724343	H2AZ_Rep2_peak_15797	87
74768295	74770391	H2AZ_Rep2_peak_15798	84
74826942	74831045	H2AZ_Rep2_peak_15799	31
74866816	74869095	H2AZ_Rep2_peak_15803	127
74959465	74961414	H2AZ_Rep2_peak_15805	139
74968030	74971299	H2AZ_Rep2_peak_15806	32
75029547	75030642	H2AZ_Rep2_peak_15809	28

75033061	75034268	H2AZ_Rep2_peak_15810	50
75036440	75039972	H2AZ_Rep2_peak_15811	46
75045996	75047126	H2AZ_Rep2_peak_15812	105
75078963	75080528	H2AZ_Rep2_peak_15815	35
75086341	75086865	H2AZ_Rep2_peak_15817	43
75179160	75180345	H2AZ_Rep2_peak_15818	121
75228975	75230866	H2AZ_Rep2_peak_15820	62
75346426	75349513	H2AZ_Rep2_peak_15822	86
75389397	75390677	H2AZ_Rep2_peak_15823	59
75405995	75407250	H2AZ_Rep2_peak_15825	49
75412194	75414695	H2AZ_Rep2_peak_15826	84
75454611	75455038	H2AZ_Rep2_peak_15829	27
75468817	75470414	H2AZ_Rep2_peak_15830	128
75517529	75518610	H2AZ_Rep2_peak_15831	55
75530046	75532021	H2AZ_Rep2_peak_15832	121
75534232	75537042	H2AZ_Rep2_peak_15833	52
75593341	75594447	H2AZ_Rep2_peak_15834	132
75642944	75644024	H2AZ_Rep2_peak_15835	57
75647527	75652322	H2AZ_Rep2_peak_15836	22
75670253	75673454	H2AZ_Rep2_peak_15837	29
75670253	75673454	H2AZ_Rep2_peak_15837	29
75688906	75690734	H2AZ_Rep2_peak_15839	24
75693225	75698334	H2AZ_Rep2_peak_15840	41
75718129	75721787	H2AZ_Rep2_peak_15845	58
75718129	75721787	H2AZ_Rep2_peak_15845	58
75725356	75727114	H2AZ_Rep2_peak_15846	34
75743168	75745599	H2AZ_Rep2_peak_15848	51
75761223	75763240	H2AZ_Rep2_peak_15849	37
75765171	75766293	H2AZ_Rep2_peak_15850	88
75770023	75770358	H2AZ_Rep2_peak_15851	45
75773757	75774700	H2AZ_Rep2_peak_15852	68
75866570	75867685	H2AZ_Rep2_peak_15855	82
75893262	75895668	H2AZ_Rep2_peak_15856	37
75919429	75920530	H2AZ_Rep2_peak_15857	170
75925674	75927382	H2AZ_Rep2_peak_15858	73
75986485	75988304	H2AZ_Rep2_peak_15859	17
76002475	76002868	H2AZ_Rep2_peak_15861	55
76026019	76028965	H2AZ_Rep2_peak_15862	30
76044027	76045707	H2AZ_Rep2_peak_15864	128
76126651	76128324	H2AZ_Rep2_peak_15867	118
76447598	76449555	H2AZ_Rep2_peak_15868	100
76451709	76452843	H2AZ_Rep2_peak_15869	78
76617601	76619057	H2AZ_Rep2_peak_15872	114

76803470	76804857	H2AZ_Rep2_peak_15873	57
77278347	77281187	H2AZ_Rep2_peak_15877	88
77370420	77371982	H2AZ_Rep2_peak_15883	72
77379692	77381568	H2AZ_Rep2_peak_15885	55
77383608	77386975	H2AZ_Rep2_peak_15886	78
77413095	77417916	H2AZ_Rep2_peak_15888	72
77413095	77417916	H2AZ_Rep2_peak_15888	72
77419688	77425982	H2AZ_Rep2_peak_15889	38
77427857	77429060	H2AZ_Rep2_peak_15890	34
77470344	77471037	H2AZ_Rep2_peak_15891	49
77498810	77499902	H2AZ_Rep2_peak_15893	35
77506061	77510250	H2AZ_Rep2_peak_15895	46
77506061	77510250	H2AZ_Rep2_peak_15895	46
77517415	77519452	H2AZ_Rep2_peak_15897	29
77524502	77526506	H2AZ_Rep2_peak_15898	82
77533246	77535411	H2AZ_Rep2_peak_15900	39
77536713	77538748	H2AZ_Rep2_peak_15901	51
77542124	77543302	H2AZ_Rep2_peak_15902	68
77563357	77565439	H2AZ_Rep2_peak_15904	150
77786495	77789234	H2AZ_Rep2_peak_15908	90
77842551	77844386	H2AZ_Rep2_peak_15909	116
77922882	77925323	H2AZ_Rep2_peak_15910	196
78081717	78083769	H2AZ_Rep2_peak_15912	41
78173493	78175076	H2AZ_Rep2_peak_15914	116
78226680	78228479	H2AZ_Rep2_peak_15915	167
78256590	78258009	H2AZ_Rep2_peak_15917	44
78261931	78263678	H2AZ_Rep2_peak_15918	20
78265917	78267281	H2AZ_Rep2_peak_15919	195
78488005	78488972	H2AZ_Rep2_peak_15921	31
80050660	80051284	H2AZ_Rep2_peak_15924	32
80675982	80678666	H2AZ_Rep2_peak_15926	84
81407359	81408995	H2AZ_Rep2_peak_15927	128
81421216	81422288	H2AZ_Rep2_peak_15928	78
81630591	81631666	H2AZ_Rep2_peak_15930	23
81635934	81637158	H2AZ_Rep2_peak_15931	216
81685698	81688491	H2AZ_Rep2_peak_15932	75
81789989	81791089	H2AZ_Rep2_peak_15935	65
81866444	81867358	H2AZ_Rep2_peak_15936	31
81901730	81903450	H2AZ_Rep2_peak_15939	156
81930656	81931444	H2AZ_Rep2_peak_15943	84
81999421	82001252	H2AZ_Rep2_peak_15944	105
83656397	83657214	H2AZ_Rep2_peak_15949	19
83773214	83773595	H2AZ_Rep2_peak_15951	32

84091042	84091842	H2AZ_Rep2_peak_15954	17
84326911	84327304	H2AZ_Rep2_peak_15956	58
84441932	84442389	H2AZ_Rep2_peak_15958	17
84503283	84503849	H2AZ_Rep2_peak_15960	28
84949446	84949889	H2AZ_Rep2_peak_15965	60
85554700	85555234	H2AZ_Rep2_peak_15970	105
85999137	86000582	H2AZ_Rep2_peak_15976	26
86052959	86053965	H2AZ_Rep2_peak_15977	35
86074102	86074615	H2AZ_Rep2_peak_15979	67
86400470	86401691	H2AZ_Rep2_peak_15984	103
86787545	86788286	H2AZ_Rep2_peak_15989	27
86812316	86814285	H2AZ_Rep2_peak_15990	15
87112451	87114425	H2AZ_Rep2_peak_15993	56
87922694	87924529	H2AZ_Rep2_peak_16001	21
88851000	88852928	H2AZ_Rep2_peak_16011	211
89017083	89018493	H2AZ_Rep2_peak_16012	116
89020437	89021408	H2AZ_Rep2_peak_16013	33
89028259	89030040	H2AZ_Rep2_peak_16014	127
89258333	89259993	H2AZ_Rep2_peak_16015	59
89290271	89291856	H2AZ_Rep2_peak_16016	144
89466312	89467699	H2AZ_Rep2_peak_16018	16
89493429	89493764	H2AZ_Rep2_peak_16019	39
89506713	89507650	H2AZ_Rep2_peak_16021	201
89603614	89604446	H2AZ_Rep2_peak_16022	52
89881809	89884652	H2AZ_Rep2_peak_16023	85
89973591	89975338	H2AZ_Rep2_peak_16026	22
90084798	90085997	H2AZ_Rep2_peak_16027	30
90420157	90423118	H2AZ_Rep2_peak_16030	70
90701365	90702890	H2AZ_Rep2_peak_16036	77
90721452	90723604	H2AZ_Rep2_peak_16037	61
90797369	90799119	H2AZ_Rep2_peak_16038	76
90848044	90850613	H2AZ_Rep2_peak_16041	55
90862618	90865045	H2AZ_Rep2_peak_16042	123
91090615	91091214	H2AZ_Rep2_peak_16043	27
91224226	91225782	H2AZ_Rep2_peak_16044	136
91281455	91283670	H2AZ_Rep2_peak_16045	40
91294065	91295435	H2AZ_Rep2_peak_16046	101
91525129	91528140	H2AZ_Rep2_peak_16047	73
91575159	91576144	H2AZ_Rep2_peak_16048	60
91580623	91582573	H2AZ_Rep2_peak_16049	28
91615684	91616138	H2AZ_Rep2_peak_16051	70
91696793	91697535	H2AZ_Rep2_peak_16054	103
91730444	91731328	H2AZ_Rep2_peak_16057	36

91882368	91885740	H2AZ_Rep2_peak_16058	94
91975670	91977763	H2AZ_Rep2_peak_16059	80
92039918	92041270	H2AZ_Rep2_peak_16060	61
92079806	92080995	H2AZ_Rep2_peak_16062	31
92302450	92303603	H2AZ_Rep2_peak_16065	99
92324642	92325511	H2AZ_Rep2_peak_16066	30
92338400	92340472	H2AZ_Rep2_peak_16067	70
92377749	92378096	H2AZ_Rep2_peak_16070	21
92412923	92414978	H2AZ_Rep2_peak_16072	102
92505614	92507543	H2AZ_Rep2_peak_16073	181
92571859	92573559	H2AZ_Rep2_peak_16074	90
92587387	92589138	H2AZ_Rep2_peak_16075	137
92852811	92853161	H2AZ_Rep2_peak_16079	26
93006830	93007366	H2AZ_Rep2_peak_16080	25
93147581	93147881	H2AZ_Rep2_peak_16082	23
93153005	93153869	H2AZ_Rep2_peak_16083	90
93192283	93193317	H2AZ_Rep2_peak_16084	69
93213886	93215690	H2AZ_Rep2_peak_16085	106
93225751	93226460	H2AZ_Rep2_peak_16086	27
93259533	93261401	H2AZ_Rep2_peak_16088	141
93347244	93347998	H2AZ_Rep2_peak_16090	33
93412728	93413231	H2AZ_Rep2_peak_16092	68
93580751	93583067	H2AZ_Rep2_peak_16093	47
93595206	93596925	H2AZ_Rep2_peak_16094	32
93601689	93602650	H2AZ_Rep2_peak_16095	38
93604328	93605724	H2AZ_Rep2_peak_16096	15
93615668	93619913	H2AZ_Rep2_peak_16097	28
93621446	93623986	H2AZ_Rep2_peak_16098	60
93626377	93628115	H2AZ_Rep2_peak_16099	24
93650154	93652087	H2AZ_Rep2_peak_16100	82
93672601	93674661	H2AZ_Rep2_peak_16101	55
93725481	93726019	H2AZ_Rep2_peak_16102	52
93798351	93800722	H2AZ_Rep2_peak_16103	95
94429228	94429710	H2AZ_Rep2_peak_16108	45
94453237	94454009	H2AZ_Rep2_peak_16109	30
94491240	94494281	H2AZ_Rep2_peak_16110	20
94546945	94548380	H2AZ_Rep2_peak_16112	161
94574979	94577555	H2AZ_Rep2_peak_16113	41
94595215	94596604	H2AZ_Rep2_peak_16115	96
94611055	94611472	H2AZ_Rep2_peak_16116	33
95063971	95068813	H2AZ_Rep2_peak_16119	64
95464367	95465563	H2AZ_Rep2_peak_16129	78
95500244	95501906	H2AZ_Rep2_peak_16131	33

95503544	95504994	H2AZ_Rep2_peak_16132	64
95510928	95515087	H2AZ_Rep2_peak_16134	73
95622587	95624992	H2AZ_Rep2_peak_16135	75
95785597	95786196	H2AZ_Rep2_peak_16138	41
95927286	95927906	H2AZ_Rep2_peak_16143	19
95935156	95936385	H2AZ_Rep2_peak_16144	48
95945811	95946868	H2AZ_Rep2_peak_16145	85
95949328	95950295	H2AZ_Rep2_peak_16146	34
95967295	95968056	H2AZ_Rep2_peak_16147	61
95982061	95982641	H2AZ_Rep2_peak_16149	50
95984475	95986910	H2AZ_Rep2_peak_16150	27
95999884	96002591	H2AZ_Rep2_peak_16152	48
96029167	96029573	H2AZ_Rep2_peak_16153	49
96086612	96087601	H2AZ_Rep2_peak_16155	25
96561469	96563564	H2AZ_Rep2_peak_16159	24
96632461	96634287	H2AZ_Rep2_peak_16163	35
96670247	96672117	H2AZ_Rep2_peak_16166	62
96690986	96692583	H2AZ_Rep2_peak_16167	35
96705251	96707379	H2AZ_Rep2_peak_16168	32
96715198	96715598	H2AZ_Rep2_peak_16170	31
96718512	96722331	H2AZ_Rep2_peak_16171	29
96733629	96737796	H2AZ_Rep2_peak_16172	28
96828188	96830927	H2AZ_Rep2_peak_16174	105
96857172	96859866	H2AZ_Rep2_peak_16175	152
96967373	96969708	H2AZ_Rep2_peak_16176	122
97263074	97264509	H2AZ_Rep2_peak_16181	65
99418104	99420644	H2AZ_Rep2_peak_16190	24
99422520	99424223	H2AZ_Rep2_peak_16191	90
99492644	99493719	H2AZ_Rep2_peak_16193	37
99502145	99503432	H2AZ_Rep2_peak_16194	34
99740563	99741436	H2AZ_Rep2_peak_16195	27
99782658	99783785	H2AZ_Rep2_peak_16196	19
99844835	99845615	H2AZ_Rep2_peak_16198	105
99849239	99850398	H2AZ_Rep2_peak_16199	138
99946304	99948501	H2AZ_Rep2_peak_16200	44
100041222	100041944	H2AZ_Rep2_peak_16201	25
100068545	100072463	H2AZ_Rep2_peak_16203	85
100093981	100095757	H2AZ_Rep2_peak_16205	36
100149148	100150911	H2AZ_Rep2_peak_16206	189
100196277	100197369	H2AZ_Rep2_peak_16207	57
100203238	100204659	H2AZ_Rep2_peak_16208	120
100258967	100260506	H2AZ_Rep2_peak_16213	28
100413351	100416930	H2AZ_Rep2_peak_16214	29

100437159	100438918	H2AZ_Rep2_peak_16216	102
100534578	100535219	H2AZ_Rep2_peak_16220	44
100621457	100622811	H2AZ_Rep2_peak_16222	19
100658552	100660604	H2AZ_Rep2_peak_16223	138
100670814	100671847	H2AZ_Rep2_peak_16224	14
100680355	100681502	H2AZ_Rep2_peak_16225	70
100703966	100705828	H2AZ_Rep2_peak_16226	34
100751390	100752264	H2AZ_Rep2_peak_16227	45
100770750	100772933	H2AZ_Rep2_peak_16228	44
100841379	100843464	H2AZ_Rep2_peak_16229	67
100849913	100852394	H2AZ_Rep2_peak_16230	51
100882162	100884385	H2AZ_Rep2_peak_16233	45
100889520	100891653	H2AZ_Rep2_peak_16234	37
100936075	100938811	H2AZ_Rep2_peak_16236	34
100942341	100943597	H2AZ_Rep2_peak_16237	86
101020247	101020895	H2AZ_Rep2_peak_16239	17
101033317	101035887	H2AZ_Rep2_peak_16240	28
101052621	101053401	H2AZ_Rep2_peak_16242	100
101077213	101077684	H2AZ_Rep2_peak_16243	43
101111683	101112480	H2AZ_Rep2_peak_16245	68
101129132	101129937	H2AZ_Rep2_peak_16248	38
101142328	101142736	H2AZ_Rep2_peak_16249	41
101155440	101155740	H2AZ_Rep2_peak_16250	29
101159058	101161649	H2AZ_Rep2_peak_16251	97
101180830	101181203	H2AZ_Rep2_peak_16253	13
101538862	101540353	H2AZ_Rep2_peak_16256	38
101942485	101944048	H2AZ_Rep2_peak_16257	80
101946137	101948234	H2AZ_Rep2_peak_16258	61
102018995	102020304	H2AZ_Rep2_peak_16259	40
102094946	102096527	H2AZ_Rep2_peak_16261	42
102172431	102174579	H2AZ_Rep2_peak_16262	108
102176166	102176950	H2AZ_Rep2_peak_16263	17
102197063	102199817	H2AZ_Rep2_peak_16265	95
102227421	102228927	H2AZ_Rep2_peak_16266	108
102258715	102259155	H2AZ_Rep2_peak_16268	50
102275817	102276984	H2AZ_Rep2_peak_16269	99
102413858	102415461	H2AZ_Rep2_peak_16270	220
102426648	102432108	H2AZ_Rep2_peak_16271	73
102529687	102530712	H2AZ_Rep2_peak_16272	114
102553694	102554267	H2AZ_Rep2_peak_16274	69
102562499	102563204	H2AZ_Rep2_peak_16275	79
102605065	102607269	H2AZ_Rep2_peak_16276	169
102745693	102746780	H2AZ_Rep2_peak_16277	15



102770854	102772069	H2AZ_Rep2_peak_16278	101
102780088	102786844	H2AZ_Rep2_peak_16279	119
102780088	102786844	H2AZ_Rep2_peak_16279	119
102828571	102830265	H2AZ_Rep2_peak_16280	83
102974629	102978166	H2AZ_Rep2_peak_16281	62
102982740	102983369	H2AZ_Rep2_peak_16282	88
102990499	102995156	H2AZ_Rep2_peak_16283	35
103009675	103012684	H2AZ_Rep2_peak_16286	75
103018427	103019763	H2AZ_Rep2_peak_16287	29
103034216	103035152	H2AZ_Rep2_peak_16288	27
103045478	103047817	H2AZ_Rep2_peak_16289	31
103051642	103052394	H2AZ_Rep2_peak_16290	49
103242463	103245207	H2AZ_Rep2_peak_16291	75
103523201	103524740	H2AZ_Rep2_peak_16294	82
103534550	103535205	H2AZ_Rep2_peak_16296	51
103537184	103542571	H2AZ_Rep2_peak_16297	69
103557306	103558409	H2AZ_Rep2_peak_16299	79
103566447	103568043	H2AZ_Rep2_peak_16300	54
103569821	103571918	H2AZ_Rep2_peak_16301	53
103576122	103579664	H2AZ_Rep2_peak_16302	31
103587525	103590596	H2AZ_Rep2_peak_16303	35
103650632	103653100	H2AZ_Rep2_peak_16307	35
103672464	103674753	H2AZ_Rep2_peak_16309	45
103698186	103699530	H2AZ_Rep2_peak_16310	48
103711018	103712873	H2AZ_Rep2_peak_16311	63
103717419	103717784	H2AZ_Rep2_peak_16312	26
103726414	103727531	H2AZ_Rep2_peak_16313	164
103767224	103769702	H2AZ_Rep2_peak_16316	51
103796050	103796377	H2AZ_Rep2_peak_16317	40
103799616	103800883	H2AZ_Rep2_peak_16318	42
103820734	103822579	H2AZ_Rep2_peak_16320	17
103826851	103829291	H2AZ_Rep2_peak_16321	50
103837748	103840646	H2AZ_Rep2_peak_16322	37
103850635	103852719	H2AZ_Rep2_peak_16324	64
103987415	103988850	H2AZ_Rep2_peak_16325	29
103994967	103996957	H2AZ_Rep2_peak_16326	43
104006754	104007092	H2AZ_Rep2_peak_16327	45
104012901	104013674	H2AZ_Rep2_peak_16329	41
104028101	104030087	H2AZ_Rep2_peak_16330	67
104089683	104092813	H2AZ_Rep2_peak_16331	38
104094625	104095929	H2AZ_Rep2_peak_16332	56
104181488	104182453	H2AZ_Rep2_peak_16333	39
104312750	104314881	H2AZ_Rep2_peak_16334	64

104333624	104334506	H2AZ_Rep2_peak_16336	22
104346366	104347235	H2AZ_Rep2_peak_16337	23
104360289	104361338	H2AZ_Rep2_peak_16338	30
104376395	104376979	H2AZ_Rep2_peak_16340	81
104387113	104388357	H2AZ_Rep2_peak_16341	141
104393774	104395567	H2AZ_Rep2_peak_16342	44
104604132	104605932	H2AZ_Rep2_peak_16346	82
104619520	104619905	H2AZ_Rep2_peak_16347	22
104741556	104742723	H2AZ_Rep2_peak_16348	55
104745614	104748475	H2AZ_Rep2_peak_16349	23
104755088	104763608	H2AZ_Rep2_peak_16350	80
104808017	104808467	H2AZ_Rep2_peak_16352	129
105106502	105106898	H2AZ_Rep2_peak_16356	52
105131530	105132390	H2AZ_Rep2_peak_16357	41
105143728	105144966	H2AZ_Rep2_peak_16358	56
105146416	105149878	H2AZ_Rep2_peak_16359	29
105153199	105155623	H2AZ_Rep2_peak_16360	32
105189942	105191430	H2AZ_Rep2_peak_16361	45
105198510	105199741	H2AZ_Rep2_peak_16362	24
105202507	105203017	H2AZ_Rep2_peak_16363	36
105218558	105220180	H2AZ_Rep2_peak_16364	43
105267310	105267804	H2AZ_Rep2_peak_16366	37
105281638	105283234	H2AZ_Rep2_peak_16367	154
105292545	105293759	H2AZ_Rep2_peak_16368	52
105330540	105332687	H2AZ_Rep2_peak_16369	81
105433314	105437344	H2AZ_Rep2_peak_16371	41
105438766	105440588	H2AZ_Rep2_peak_16372	39
105442973	105444560	H2AZ_Rep2_peak_16373	50
105445816	105447167	H2AZ_Rep2_peak_16374	113
105452325	105452679	H2AZ_Rep2_peak_16375	28
105487287	105488477	H2AZ_Rep2_peak_16376	36
105516735	105517226	H2AZ_Rep2_peak_16379	70
105553149	105555412	H2AZ_Rep2_peak_16380	49
105633431	105634485	H2AZ_Rep2_peak_16383	72
105665016	105666049	H2AZ_Rep2_peak_16385	21
105714360	105715672	H2AZ_Rep2_peak_16386	47
105766106	105768273	H2AZ_Rep2_peak_16387	91
105779370	105782127	H2AZ_Rep2_peak_16388	33
105863398	105865325	H2AZ_Rep2_peak_16390	63
105877232	105878276	H2AZ_Rep2_peak_16391	28
105880585	105882210	H2AZ_Rep2_peak_16392	34
105884551	105886123	H2AZ_Rep2_peak_16393	94
105939334	105941513	H2AZ_Rep2_peak_16394	53

105977792	105978556	H2AZ_Rep2_peak_16397	64
105994203	105995508	H2AZ_Rep2_peak_16398	43
20544426	20547276	H2AZ_Rep2_peak_16414	23
20554548	20557254	H2AZ_Rep2_peak_16416	24
20558670	20559761	H2AZ_Rep2_peak_16417	19
20561516	20563466	H2AZ_Rep2_peak_16418	36
20582154	20583536	H2AZ_Rep2_peak_16419	38
22387236	22387691	H2AZ_Rep2_peak_16423	84
22511116	22513127	H2AZ_Rep2_peak_16427	41
22514370	22518618	H2AZ_Rep2_peak_16428	98
22514370	22518618	H2AZ_Rep2_peak_16428	98
22525853	22529391	H2AZ_Rep2_peak_16431	100
22538435	22542452	H2AZ_Rep2_peak_16432	25
22550437	22554114	H2AZ_Rep2_peak_16435	35
22832737	22834253	H2AZ_Rep2_peak_16436	167
22891646	22893709	H2AZ_Rep2_peak_16437	95
23033887	23035270	H2AZ_Rep2_peak_16438	40
23085427	23087083	H2AZ_Rep2_peak_16439	37
23810016	23811461	H2AZ_Rep2_peak_16440	50
25683067	25685156	H2AZ_Rep2_peak_16441	77
28215654	28216114	H2AZ_Rep2_peak_16443	15
28340113	28341740	H2AZ_Rep2_peak_16445	77
29561251	29562853	H2AZ_Rep2_peak_16449	149
29962978	29963854	H2AZ_Rep2_peak_16450	19
30113700	30115535	H2AZ_Rep2_peak_16451	111
31120204	31121296	H2AZ_Rep2_peak_16459	33
31186437	31186771	H2AZ_Rep2_peak_16460	21
31194779	31196670	H2AZ_Rep2_peak_16461	168
31282915	31285650	H2AZ_Rep2_peak_16463	66
31315210	31317611	H2AZ_Rep2_peak_16464	49
31506648	31509326	H2AZ_Rep2_peak_16472	61
31521186	31521991	H2AZ_Rep2_peak_16473	125
31528513	31529534	H2AZ_Rep2_peak_16474	60
31546529	31547553	H2AZ_Rep2_peak_16475	37
31555517	31556909	H2AZ_Rep2_peak_16476	85
31588818	31590272	H2AZ_Rep2_peak_16477	87
31595765	31596457	H2AZ_Rep2_peak_16478	37
31617490	31619221	H2AZ_Rep2_peak_16479	37
31684168	31684846	H2AZ_Rep2_peak_16480	63
31688896	31693013	H2AZ_Rep2_peak_16481	54
31727325	31728500	H2AZ_Rep2_peak_16483	62
31733762	31734886	H2AZ_Rep2_peak_16484	25
31756935	31758236	H2AZ_Rep2_peak_16486	65

31779377	31782517	H2AZ_Rep2_peak_16487	87
31897409	31899053	H2AZ_Rep2_peak_16492	49
31901314	31902135	H2AZ_Rep2_peak_16493	87
32162609	32163687	H2AZ_Rep2_peak_16494	110
32907868	32908338	H2AZ_Rep2_peak_16497	21
33022226	33024027	H2AZ_Rep2_peak_16498	26
33159092	33159836	H2AZ_Rep2_peak_16501	47
33314455	33315160	H2AZ_Rep2_peak_16502	63
33358779	33361193	H2AZ_Rep2_peak_16503	79
33390509	33391001	H2AZ_Rep2_peak_16505	14
33418368	33418843	H2AZ_Rep2_peak_16506	17
33493663	33494222	H2AZ_Rep2_peak_16508	56
34049944	34050578	H2AZ_Rep2_peak_16513	16
34207448	34208479	H2AZ_Rep2_peak_16514	19
34330136	34331914	H2AZ_Rep2_peak_16515	56
34393325	34394890	H2AZ_Rep2_peak_16518	254
34501377	34503446	H2AZ_Rep2_peak_16519	56
34515988	34517875	H2AZ_Rep2_peak_16521	90
34610615	34611393	H2AZ_Rep2_peak_16522	56
34629117	34630407	H2AZ_Rep2_peak_16523	62
34634883	34635924	H2AZ_Rep2_peak_16524	175
34658325	34660975	H2AZ_Rep2_peak_16525	128
34728863	34730581	H2AZ_Rep2_peak_16526	48
34806703	34807645	H2AZ_Rep2_peak_16527	77
34874605	34876686	H2AZ_Rep2_peak_16528	105
34880390	34880942	H2AZ_Rep2_peak_16529	62
35010992	35013097	H2AZ_Rep2_peak_16531	24
35014305	35016236	H2AZ_Rep2_peak_16532	34
35086440	35089012	H2AZ_Rep2_peak_16534	38
35091279	35092192	H2AZ_Rep2_peak_16535	186
35102282	35103608	H2AZ_Rep2_peak_16536	51
35129181	35129653	H2AZ_Rep2_peak_16539	48
35261200	35262644	H2AZ_Rep2_peak_16541	128
35279816	35281872	H2AZ_Rep2_peak_16542	138
35292286	35293263	H2AZ_Rep2_peak_16545	60
35311069	35312297	H2AZ_Rep2_peak_16547	29
35331109	35331670	H2AZ_Rep2_peak_16549	56
35837432	35839290	H2AZ_Rep2_peak_16551	196
36020287	36020928	H2AZ_Rep2_peak_16552	45
36871028	36872676	H2AZ_Rep2_peak_16557	229
37390560	37394752	H2AZ_Rep2_peak_16559	87
38056738	38058223	H2AZ_Rep2_peak_16560	28
38542809	38546586	H2AZ_Rep2_peak_16562	93

38732694	38734432	H2AZ_Rep2_peak_16563	20
38745184	38747420	H2AZ_Rep2_peak_16564	85
39160729	39161280	H2AZ_Rep2_peak_16569	44
39179019	39181362	H2AZ_Rep2_peak_16571	37
39179019	39181362	H2AZ_Rep2_peak_16571	37
39370307	39371901	H2AZ_Rep2_peak_16573	71
39432091	39432490	H2AZ_Rep2_peak_16577	42
39505435	39506348	H2AZ_Rep2_peak_16578	37
39871720	39873877	H2AZ_Rep2_peak_16580	61
39916799	39917549	H2AZ_Rep2_peak_16581	67
40073984	40076022	H2AZ_Rep2_peak_16583	102
40211156	40214856	H2AZ_Rep2_peak_16584	124
40217326	40218186	H2AZ_Rep2_peak_16585	36
40224810	40227240	H2AZ_Rep2_peak_16586	68
40330530	40332325	H2AZ_Rep2_peak_16587	139
40336743	40337843	H2AZ_Rep2_peak_16588	42
40339413	40340680	H2AZ_Rep2_peak_16589	54
40361585	40362135	H2AZ_Rep2_peak_16592	15
40384635	40385770	H2AZ_Rep2_peak_16595	58
40390848	40391427	H2AZ_Rep2_peak_16596	16
40394830	40402032	H2AZ_Rep2_peak_16597	102
40442401	40442861	H2AZ_Rep2_peak_16601	39
40452439	40453955	H2AZ_Rep2_peak_16602	174
40530723	40533076	H2AZ_Rep2_peak_16603	23
40541995	40542467	H2AZ_Rep2_peak_16604	54
40558022	40559448	H2AZ_Rep2_peak_16607	21
40566584	40567106	H2AZ_Rep2_peak_16608	90
40583214	40584078	H2AZ_Rep2_peak_16609	73
40598742	40602852	H2AZ_Rep2_peak_16610	22
40615466	40616635	H2AZ_Rep2_peak_16611	35
40631741	40633590	H2AZ_Rep2_peak_16612	68
40649412	40650816	H2AZ_Rep2_peak_16615	52
40659660	40660898	H2AZ_Rep2_peak_16616	128
40671748	40672659	H2AZ_Rep2_peak_16617	69
40674343	40675949	H2AZ_Rep2_peak_16618	158
40697027	40698642	H2AZ_Rep2_peak_16619	128
40731521	40733802	H2AZ_Rep2_peak_16621	61
40746843	40748819	H2AZ_Rep2_peak_16622	21
40762340	40764074	H2AZ_Rep2_peak_16623	53
40785540	40786615	H2AZ_Rep2_peak_16626	46
40803409	40805053	H2AZ_Rep2_peak_16627	70
40812060	40812487	H2AZ_Rep2_peak_16628	97
40856557	40862497	H2AZ_Rep2_peak_16629	111

40873821	40877048 H2AZ_Rep2_peak_16630	51
40884924	40889618 H2AZ_Rep2_peak_16632	105
40986054	40988679 H2AZ_Rep2_peak_16633	241
41046532	41049340 H2AZ_Rep2_peak_16634	121
41054946	41057804 H2AZ_Rep2_peak_16635	137
41060821	41063360 H2AZ_Rep2_peak_16636	61
41085693	41086254 H2AZ_Rep2_peak_16638	30
41098767	41100778 H2AZ_Rep2_peak_16639	304
41117788	41119134 H2AZ_Rep2_peak_16640	81
41122686	41123314 H2AZ_Rep2_peak_16642	33
41135235	41135787 H2AZ_Rep2_peak_16644	15
41137033	41140287 H2AZ_Rep2_peak_16645	76
41146830	41158903 H2AZ_Rep2_peak_16647	109
41146830	41158903 H2AZ_Rep2_peak_16647	109
41146830	41158903 H2AZ_Rep2_peak_16647	109
41164518	41172311 H2AZ_Rep2_peak_16649	51
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41183564	41187788 H2AZ_Rep2_peak_16651	129
41183564	41187788 H2AZ_Rep2_peak_16651	129
41198233	41199627 H2AZ_Rep2_peak_16653	65
41220713	41224877 H2AZ_Rep2_peak_16659	150
41227889	41230921 H2AZ_Rep2_peak_16660	16
41232498	41237126 H2AZ_Rep2_peak_16661	207
41244410	41249125 H2AZ_Rep2_peak_16663	127
41252654	41253780 H2AZ_Rep2_peak_16664	112
41264156	41264782 H2AZ_Rep2_peak_16667	47
41407448	41409509 H2AZ_Rep2_peak_16668	123
41434176	41435482 H2AZ_Rep2_peak_16670	56
41445826	41446915 H2AZ_Rep2_peak_16672	16
41476310	41477527 H2AZ_Rep2_peak_16673	22
41521939	41524268 H2AZ_Rep2_peak_16675	145
41575150	41576932 H2AZ_Rep2_peak_16678	61
41623149	41627066 H2AZ_Rep2_peak_16679	134
41694079	41695733 H2AZ_Rep2_peak_16680	158
41708391	41710373 H2AZ_Rep2_peak_16681	140
41784734	41786255 H2AZ_Rep2_peak_16684	169
41799833	41801398 H2AZ_Rep2_peak_16686	77
41835735	41837276 H2AZ_Rep2_peak_16687	174
41838863	41840143 H2AZ_Rep2_peak_16688	50
41850006	41852492 H2AZ_Rep2_peak_16689	106
41894940	41896993 H2AZ_Rep2_peak_16692	76
41901851	41902390 H2AZ_Rep2_peak_16693	51

41912679	41914600	H2AZ_Rep2_peak_16694	234
41952086	41954396	H2AZ_Rep2_peak_16695	95
42066092	42067588	H2AZ_Rep2_peak_16696	130
42083027	42084793	H2AZ_Rep2_peak_16697	53
42120223	42121151	H2AZ_Rep2_peak_16700	207
42220370	42222841	H2AZ_Rep2_peak_16705	29
42225726	42226283	H2AZ_Rep2_peak_16706	17
42263675	42265642	H2AZ_Rep2_peak_16707	136
42280954	42282010	H2AZ_Rep2_peak_16708	37
42327095	42327938	H2AZ_Rep2_peak_16712	35
42349115	42350328	H2AZ_Rep2_peak_16718	133
42357909	42359067	H2AZ_Rep2_peak_16719	18
42392557	42393146	H2AZ_Rep2_peak_16724	46
42499408	42501348	H2AZ_Rep2_peak_16730	108
42565018	42568275	H2AZ_Rep2_peak_16731	104
42593268	42593884	H2AZ_Rep2_peak_16732	35
42662606	42663878	H2AZ_Rep2_peak_16733	30
42782524	42783939	H2AZ_Rep2_peak_16737	186
42786991	42788541	H2AZ_Rep2_peak_16738	149
42803078	42803557	H2AZ_Rep2_peak_16739	19
42840148	42842105	H2AZ_Rep2_peak_16740	209
42866452	42869121	H2AZ_Rep2_peak_16741	133
43028379	43030101	H2AZ_Rep2_peak_16744	146
43211664	43214023	H2AZ_Rep2_peak_16745	164
43397467	43398787	H2AZ_Rep2_peak_16747	122
43414600	43416235	H2AZ_Rep2_peak_16749	182
43424919	43426786	H2AZ_Rep2_peak_16750	264
43476825	43478656	H2AZ_Rep2_peak_16751	92
43496237	43496733	H2AZ_Rep2_peak_16752	19
43502317	43503309	H2AZ_Rep2_peak_16755	18
43538634	43539034	H2AZ_Rep2_peak_16761	19
43557710	43559362	H2AZ_Rep2_peak_16766	17
43568781	43569109	H2AZ_Rep2_peak_16768	21
43578287	43579974	H2AZ_Rep2_peak_16771	15
43621854	43623601	H2AZ_Rep2_peak_16774	190
43662377	43663954	H2AZ_Rep2_peak_16775	205
43784481	43786382	H2AZ_Rep2_peak_16776	224
43802073	43804464	H2AZ_Rep2_peak_16777	120
43833362	43834481	H2AZ_Rep2_peak_16780	18
44037980	44039346	H2AZ_Rep2_peak_16781	69
44067498	44070209	H2AZ_Rep2_peak_16782	113
44083610	44085252	H2AZ_Rep2_peak_16783	110
44092234	44093327	H2AZ_Rep2_peak_16784	113

44116461	44117395	H2AZ_Rep2_peak_16785	76
44118833	44120549	H2AZ_Rep2_peak_16786	132
44320039	44320992	H2AZ_Rep2_peak_16788	17
44485834	44489179	H2AZ_Rep2_peak_16791	96
44579759	44581959	H2AZ_Rep2_peak_16795	103
44587794	44589721	H2AZ_Rep2_peak_16796	37
44718603	44720358	H2AZ_Rep2_peak_16797	132
44828023	44830303	H2AZ_Rep2_peak_16798	103
44954907	44956695	H2AZ_Rep2_peak_16799	202
44975166	44975947	H2AZ_Rep2_peak_16803	27
45002461	45004094	H2AZ_Rep2_peak_16805	93
45017873	45019236	H2AZ_Rep2_peak_16806	63
45020722	45022134	H2AZ_Rep2_peak_16807	131
45075256	45079892	H2AZ_Rep2_peak_16809	84
45121667	45124642	H2AZ_Rep2_peak_16811	37
45145348	45146081	H2AZ_Rep2_peak_16812	42
45196354	45197540	H2AZ_Rep2_peak_16815	89
45313410	45316413	H2AZ_Rep2_peak_16816	136
45410057	45411962	H2AZ_Rep2_peak_16820	17
45454579	45455587	H2AZ_Rep2_peak_16822	29
45458500	45460480	H2AZ_Rep2_peak_16823	87
45474374	45476972	H2AZ_Rep2_peak_16824	15
45489493	45494279	H2AZ_Rep2_peak_16825	180
45509819	45510316	H2AZ_Rep2_peak_16827	42
45521003	45521486	H2AZ_Rep2_peak_16828	36
45599568	45599997	H2AZ_Rep2_peak_16835	56
45607249	45607720	H2AZ_Rep2_peak_16836	28
45693740	45695890	H2AZ_Rep2_peak_16840	128
45720767	45722445	H2AZ_Rep2_peak_16841	15
45736960	45742050	H2AZ_Rep2_peak_16843	141
45736960	45742050	H2AZ_Rep2_peak_16843	141
45746805	45750796	H2AZ_Rep2_peak_16844	75
45813835	45815527	H2AZ_Rep2_peak_16845	88
45841579	45841879	H2AZ_Rep2_peak_16847	25
45866253	45866932	H2AZ_Rep2_peak_16848	53
45878770	45880590	H2AZ_Rep2_peak_16849	186
45908959	45909738	H2AZ_Rep2_peak_16851	109
45923020	45924262	H2AZ_Rep2_peak_16852	160
45926483	45928260	H2AZ_Rep2_peak_16853	218
45929738	45930608	H2AZ_Rep2_peak_16854	69
45997399	45999963	H2AZ_Rep2_peak_16856	93
46073096	46074566	H2AZ_Rep2_peak_16859	23
46211900	46214282	H2AZ_Rep2_peak_16862	25



47210784	47211920 H2AZ_Rep2_peak_16864	18
47358092	47359015 H2AZ_Rep2_peak_16865	36
47388467	47388767 H2AZ_Rep2_peak_16866	24
47624037	47626771 H2AZ_Rep2_peak_16868	92
47676448	47676880 H2AZ_Rep2_peak_16870	16
47763758	47765520 H2AZ_Rep2_peak_16872	31
47776107	47776639 H2AZ_Rep2_peak_16873	74
47804458	47807145 H2AZ_Rep2_peak_16874	61
47980710	47982430 H2AZ_Rep2_peak_16879	63
48009147	48010487 H2AZ_Rep2_peak_16881	47
48028514	48028969 H2AZ_Rep2_peak_16882	24
48103292	48107095 H2AZ_Rep2_peak_16885	51
48110812	48114983 H2AZ_Rep2_peak_16886	20
48162848	48166317 H2AZ_Rep2_peak_16887	27
48176959	48178920 H2AZ_Rep2_peak_16888	18
48279529	48280844 H2AZ_Rep2_peak_16889	32
48293785	48295163 H2AZ_Rep2_peak_16890	38
48297532	48300216 H2AZ_Rep2_peak_16891	89
48542513	48543358 H2AZ_Rep2_peak_16895	44
48577777	48579299 H2AZ_Rep2_peak_16897	19
48622474	48624800 H2AZ_Rep2_peak_16899	80
48650867	48651287 H2AZ_Rep2_peak_16901	19
48661723	48662829 H2AZ_Rep2_peak_16902	22
48665669	48666599 H2AZ_Rep2_peak_16903	80
48680465	48682261 H2AZ_Rep2_peak_16904	29
48687794	48688550 H2AZ_Rep2_peak_16905	21
48764733	48765178 H2AZ_Rep2_peak_16908	64
48869796	48870108 H2AZ_Rep2_peak_16909	26
48936254	48938666 H2AZ_Rep2_peak_16911	141
48974015	48976513 H2AZ_Rep2_peak_16914	48
49015147	49015481 H2AZ_Rep2_peak_16915	30
49102395	49104228 H2AZ_Rep2_peak_16916	142
49147530	49150988 H2AZ_Rep2_peak_16918	48
49153358	49155219 H2AZ_Rep2_peak_16919	66
49157665	49161688 H2AZ_Rep2_peak_16920	21
49169147	49170908 H2AZ_Rep2_peak_16921	199
49205410	49206492 H2AZ_Rep2_peak_16923	47
49238432	49238768 H2AZ_Rep2_peak_16926	14
49255683	49257301 H2AZ_Rep2_peak_16928	95
49267212	49270101 H2AZ_Rep2_peak_16929	142
49271900	49272712 H2AZ_Rep2_peak_16930	19
49337884	49340017 H2AZ_Rep2_peak_16931	200
49447013	49448960 H2AZ_Rep2_peak_16933	205

49461562	49463664	H2AZ_Rep2_peak_16934	115
49675125	49675448	H2AZ_Rep2_peak_16935	17
49759249	49761188	H2AZ_Rep2_peak_16939	20
49881249	49881728	H2AZ_Rep2_peak_16943	25
49911536	49913994	H2AZ_Rep2_peak_16945	52
49965454	49967361	H2AZ_Rep2_peak_16946	14
50023145	50023687	H2AZ_Rep2_peak_16949	50
50101844	50102996	H2AZ_Rep2_peak_16954	41
50123662	50124297	H2AZ_Rep2_peak_16955	69
50140824	50141179	H2AZ_Rep2_peak_16956	18
50148757	50152230	H2AZ_Rep2_peak_16957	24
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50155521	50156597	H2AZ_Rep2_peak_16958	18
50158213	50158744	H2AZ_Rep2_peak_16959	18
50168688	50171123	H2AZ_Rep2_peak_16960	25
50194106	50195275	H2AZ_Rep2_peak_16962	28
50295835	50296622	H2AZ_Rep2_peak_16963	40
50343833	50345625	H2AZ_Rep2_peak_16964	31
50426806	50427664	H2AZ_Rep2_peak_16970	20
50428929	50430502	H2AZ_Rep2_peak_16971	24
50472526	50475568	H2AZ_Rep2_peak_16975	148
50539751	50541800	H2AZ_Rep2_peak_16977	32
50546870	50555349	H2AZ_Rep2_peak_16979	67
50546870	50555349	H2AZ_Rep2_peak_16979	67
50646210	50648100	H2AZ_Rep2_peak_16980	108
50682835	50684376	H2AZ_Rep2_peak_16981	18
50707005	50712238	H2AZ_Rep2_peak_16982	18
50715782	50717563	H2AZ_Rep2_peak_16983	122
50978117	50980613	H2AZ_Rep2_peak_16984	219
51056555	51060041	H2AZ_Rep2_peak_16985	112
51120965	51121427	H2AZ_Rep2_peak_16988	20
51146568	51147463	H2AZ_Rep2_peak_16990	31
51148958	51152057	H2AZ_Rep2_peak_16991	23
51168724	51169909	H2AZ_Rep2_peak_16992	70
51175795	51178008	H2AZ_Rep2_peak_16994	60
51199535	51201701	H2AZ_Rep2_peak_16995	178
51395766	51396807	H2AZ_Rep2_peak_17003	14
51648516	51649868	H2AZ_Rep2_peak_17016	14
51678383	51679660	H2AZ_Rep2_peak_17020	22
51913919	51916181	H2AZ_Rep2_peak_17023	180
52028875	52030961	H2AZ_Rep2_peak_17025	153
52044123	52045351	H2AZ_Rep2_peak_17026	48
52060183	52060572	H2AZ_Rep2_peak_17027	24

52068270	52069401	H2AZ_Rep2_peak_17028	41
52088862	52091505	H2AZ_Rep2_peak_17030	44
52117469	52118558	H2AZ_Rep2_peak_17031	24
52120599	52122835	H2AZ_Rep2_peak_17032	119
52263150	52265517	H2AZ_Rep2_peak_17033	229
52273998	52274652	H2AZ_Rep2_peak_17034	45
52287129	52288630	H2AZ_Rep2_peak_17035	84
52303047	52304374	H2AZ_Rep2_peak_17036	45
52310836	52312633	H2AZ_Rep2_peak_17037	95
52368958	52369809	H2AZ_Rep2_peak_17038	65
52371056	52372909	H2AZ_Rep2_peak_17039	26
52385358	52387837	H2AZ_Rep2_peak_17041	60
52391773	52394279	H2AZ_Rep2_peak_17042	59
52431860	52432305	H2AZ_Rep2_peak_17046	16
52471067	52473351	H2AZ_Rep2_peak_17047	141
52521234	52521657	H2AZ_Rep2_peak_17050	15
52545124	52546079	H2AZ_Rep2_peak_17052	55
52548206	52549836	H2AZ_Rep2_peak_17053	33
52553218	52555445	H2AZ_Rep2_peak_17054	133
52579289	52582312	H2AZ_Rep2_peak_17056	112
52584884	52585210	H2AZ_Rep2_peak_17057	32
52587106	52588429	H2AZ_Rep2_peak_17058	31
52788350	52789464	H2AZ_Rep2_peak_17061	14
52819850	52822501	H2AZ_Rep2_peak_17062	79
52860408	52861996	H2AZ_Rep2_peak_17063	221
52945417	52946039	H2AZ_Rep2_peak_17064	31
52969932	52972398	H2AZ_Rep2_peak_17065	76
53025869	53026822	H2AZ_Rep2_peak_17071	27
55488327	55490087	H2AZ_Rep2_peak_17082	146
55513213	55514076	H2AZ_Rep2_peak_17083	48
55581109	55583509	H2AZ_Rep2_peak_17084	207
55610541	55612680	H2AZ_Rep2_peak_17085	140
55694774	55696027	H2AZ_Rep2_peak_17086	14
55699590	55701619	H2AZ_Rep2_peak_17087	161
55789652	55792671	H2AZ_Rep2_peak_17088	124
55818642	55819645	H2AZ_Rep2_peak_17090	246
55920045	55920780	H2AZ_Rep2_peak_17097	149
56034058	56036377	H2AZ_Rep2_peak_17098	88
56065529	56069597	H2AZ_Rep2_peak_17103	26
56083707	56085035	H2AZ_Rep2_peak_17104	111
56091449	56095788	H2AZ_Rep2_peak_17106	75
56164941	56165793	H2AZ_Rep2_peak_17108	45
56189536	56190199	H2AZ_Rep2_peak_17109	156

56284892	56286658	H2AZ_Rep2_peak_17111	91
56310139	56311882	H2AZ_Rep2_peak_17113	47
56330050	56331200	H2AZ_Rep2_peak_17114	44
56333240	56335306	H2AZ_Rep2_peak_17115	45
56333240	56335306	H2AZ_Rep2_peak_17115	45
56535611	56538778	H2AZ_Rep2_peak_17117	68
56553950	56554356	H2AZ_Rep2_peak_17118	26
56586131	56586547	H2AZ_Rep2_peak_17119	15
56656868	56658614	H2AZ_Rep2_peak_17122	218
56788973	56789343	H2AZ_Rep2_peak_17123	27
57024350	57026854	H2AZ_Rep2_peak_17126	147
57032552	57033007	H2AZ_Rep2_peak_17127	40
57098002	57098646	H2AZ_Rep2_peak_17128	19
57108241	57110853	H2AZ_Rep2_peak_17129	17
57136757	57137286	H2AZ_Rep2_peak_17130	18
57178021	57182658	H2AZ_Rep2_peak_17131	120
57209121	57212627	H2AZ_Rep2_peak_17132	98
57609041	57618112	H2AZ_Rep2_peak_17135	54
57621607	57627265	H2AZ_Rep2_peak_17136	36
57792608	57797860	H2AZ_Rep2_peak_17141	20
57841939	57847808	H2AZ_Rep2_peak_17144	43
57841939	57847808	H2AZ_Rep2_peak_17144	43
57853447	57854894	H2AZ_Rep2_peak_17145	26
57857614	57859742	H2AZ_Rep2_peak_17146	58
57861760	57864199	H2AZ_Rep2_peak_17147	71
57865505	57866057	H2AZ_Rep2_peak_17148	45
57870602	57872084	H2AZ_Rep2_peak_17149	48
57882163	57884828	H2AZ_Rep2_peak_17150	106
57899099	57904892	H2AZ_Rep2_peak_17151	67
57899099	57904892	H2AZ_Rep2_peak_17151	67
57959122	57959600	H2AZ_Rep2_peak_17152	34
57982955	57983681	H2AZ_Rep2_peak_17155	17
57997591	57999569	H2AZ_Rep2_peak_17157	201
58549632	58555105	H2AZ_Rep2_peak_17162	56
58622179	58625809	H2AZ_Rep2_peak_17164	62
58653233	58654145	H2AZ_Rep2_peak_17168	71
58724207	58725031	H2AZ_Rep2_peak_17171	46
58730809	58734658	H2AZ_Rep2_peak_17172	42
58749749	58752248	H2AZ_Rep2_peak_17174	26
58760423	58762127	H2AZ_Rep2_peak_17176	53
58798149	58798902	H2AZ_Rep2_peak_17180	93
58860502	58860884	H2AZ_Rep2_peak_17184	15
59040956	59043228	H2AZ_Rep2_peak_17187	78

59062364	59064676	H2AZ_Rep2_peak_17188	174
59157631	59160219	H2AZ_Rep2_peak_17189	36
59225000	59227358	H2AZ_Rep2_peak_17190	169
59244383	59245323	H2AZ_Rep2_peak_17191	27
59249467	59250131	H2AZ_Rep2_peak_17192	43
59273723	59274378	H2AZ_Rep2_peak_17193	18
59278901	59280709	H2AZ_Rep2_peak_17194	178
59396843	59398142	H2AZ_Rep2_peak_17195	192
59664449	59665720	H2AZ_Rep2_peak_17197	63
59673061	59673409	H2AZ_Rep2_peak_17198	28
59679315	59681278	H2AZ_Rep2_peak_17199	16
59705024	59705963	H2AZ_Rep2_peak_17200	19
59728777	59731177	H2AZ_Rep2_peak_17201	116
59784369	59785668	H2AZ_Rep2_peak_17202	25
59820989	59821768	H2AZ_Rep2_peak_17203	34
59824717	59828929	H2AZ_Rep2_peak_17204	32
59824717	59828929	H2AZ_Rep2_peak_17204	32
59834923	59836760	H2AZ_Rep2_peak_17205	98
59841098	59843635	H2AZ_Rep2_peak_17206	33
59858788	59859411	H2AZ_Rep2_peak_17210	17
59864547	59865755	H2AZ_Rep2_peak_17212	35
59879574	59880175	H2AZ_Rep2_peak_17215	23
59886814	59887469	H2AZ_Rep2_peak_17216	14
59903568	59908226	H2AZ_Rep2_peak_17217	65
59903568	59908226	H2AZ_Rep2_peak_17217	65
59949248	59950221	H2AZ_Rep2_peak_17218	59
59980731	59982729	H2AZ_Rep2_peak_17219	30
59986887	59987688	H2AZ_Rep2_peak_17220	20
59993950	59995568	H2AZ_Rep2_peak_17221	32
60015993	60017651	H2AZ_Rep2_peak_17224	40
60120928	60121406	H2AZ_Rep2_peak_17227	40
60298211	60299440	H2AZ_Rep2_peak_17232	59
60362656	60363669	H2AZ_Rep2_peak_17234	56
60382672	60384408	H2AZ_Rep2_peak_17236	61
60419837	60420541	H2AZ_Rep2_peak_17238	63
60690708	60691571	H2AZ_Rep2_peak_17241	66
60698624	60699283	H2AZ_Rep2_peak_17243	52
60705612	60706777	H2AZ_Rep2_peak_17244	28
60770111	60772126	H2AZ_Rep2_peak_17246	149
60800078	60800493	H2AZ_Rep2_peak_17247	29
60811467	60813044	H2AZ_Rep2_peak_17248	58
60818288	60818911	H2AZ_Rep2_peak_17249	36
62119682	62120415	H2AZ_Rep2_peak_17264	30

62126405	62127978	H2AZ_Rep2_peak_17266	23
62351508	62353496	H2AZ_Rep2_peak_17267	137
62355607	62357204	H2AZ_Rep2_peak_17268	50
62360526	62361588	H2AZ_Rep2_peak_17269	123
62377798	62378615	H2AZ_Rep2_peak_17270	80
62379909	62382415	H2AZ_Rep2_peak_17271	17
62391316	62391778	H2AZ_Rep2_peak_17272	36
62400142	62400531	H2AZ_Rep2_peak_17273	20
62405466	62406079	H2AZ_Rep2_peak_17274	14
62409827	62413058	H2AZ_Rep2_peak_17275	46
62427438	62430589	H2AZ_Rep2_peak_17276	95
62543455	62548103	H2AZ_Rep2_peak_17281	21
62636936	62638920	H2AZ_Rep2_peak_17284	56
62681887	62684376	H2AZ_Rep2_peak_17287	199
62763938	62765634	H2AZ_Rep2_peak_17288	25
62853214	62854187	H2AZ_Rep2_peak_17290	57
63034261	63035267	H2AZ_Rep2_peak_17292	48
63050080	63050887	H2AZ_Rep2_peak_17293	67
63187928	63189845	H2AZ_Rep2_peak_17297	38
63220337	63221331	H2AZ_Rep2_peak_17299	33
63232832	63233665	H2AZ_Rep2_peak_17300	48
63307467	63308794	H2AZ_Rep2_peak_17304	37
63339771	63346727	H2AZ_Rep2_peak_17307	78
63339771	63346727	H2AZ_Rep2_peak_17307	78
63372184	63372559	H2AZ_Rep2_peak_17308	32
63385662	63386071	H2AZ_Rep2_peak_17310	43
63413372	63415104	H2AZ_Rep2_peak_17312	181
63426553	63428104	H2AZ_Rep2_peak_17313	27
63448671	63450653	H2AZ_Rep2_peak_17314	147
63470309	63471645	H2AZ_Rep2_peak_17317	49
63477429	63478877	H2AZ_Rep2_peak_17318	78
63480854	63482781	H2AZ_Rep2_peak_17319	95
63490381	63491027	H2AZ_Rep2_peak_17320	44
63526273	63527111	H2AZ_Rep2_peak_17321	16
63567568	63569522	H2AZ_Rep2_peak_17322	51
63636104	63637790	H2AZ_Rep2_peak_17329	77
63664088	63667715	H2AZ_Rep2_peak_17332	71
63664088	63667715	H2AZ_Rep2_peak_17332	71
63671230	63675582	H2AZ_Rep2_peak_17333	45
63712205	63712959	H2AZ_Rep2_peak_17336	92
63726962	63730001	H2AZ_Rep2_peak_17337	73
63726962	63730001	H2AZ_Rep2_peak_17337	73
63741963	63742601	H2AZ_Rep2_peak_17340	48

63767224	63769111	H2AZ_Rep2_peak_17343	50
63779485	63779878	H2AZ_Rep2_peak_17345	32
63794775	63797749	H2AZ_Rep2_peak_17347	106
63891542	63894403	H2AZ_Rep2_peak_17348	211
63901397	63903146	H2AZ_Rep2_peak_17349	42
64014091	64014680	H2AZ_Rep2_peak_17350	12
64125222	64127278	H2AZ_Rep2_peak_17351	103
64134119	64134513	H2AZ_Rep2_peak_17352	18
64149005	64152979	H2AZ_Rep2_peak_17353	55
64183243	64184681	H2AZ_Rep2_peak_17356	34
64186623	64191087	H2AZ_Rep2_peak_17357	66
64237319	64238211	H2AZ_Rep2_peak_17359	46
64301205	64306557	H2AZ_Rep2_peak_17362	32
64337328	64339472	H2AZ_Rep2_peak_17364	170
64385139	64389643	H2AZ_Rep2_peak_17368	132
64454842	64456165	H2AZ_Rep2_peak_17371	227
64647471	64649219	H2AZ_Rep2_peak_17372	112
64672959	64674539	H2AZ_Rep2_peak_17373	108
64679038	64680566	H2AZ_Rep2_peak_17374	126
64751749	64754363	H2AZ_Rep2_peak_17376	85
64995037	64997045	H2AZ_Rep2_peak_17378	321
65023247	65024924	H2AZ_Rep2_peak_17380	48
65066618	65069471	H2AZ_Rep2_peak_17384	48
65117248	65118824	H2AZ_Rep2_peak_17387	217
65127470	65128849	H2AZ_Rep2_peak_17388	110
65131428	65134818	H2AZ_Rep2_peak_17389	77
65169675	65170176	H2AZ_Rep2_peak_17391	45
65185937	65190899	H2AZ_Rep2_peak_17394	135
65281412	65284253	H2AZ_Rep2_peak_17396	205
65320852	65323006	H2AZ_Rep2_peak_17397	90
65325049	65326386	H2AZ_Rep2_peak_17398	118
65334984	65335714	H2AZ_Rep2_peak_17399	34
65337206	65337649	H2AZ_Rep2_peak_17400	26
65349398	65350094	H2AZ_Rep2_peak_17403	45
65374283	65375225	H2AZ_Rep2_peak_17405	75
65378939	65379375	H2AZ_Rep2_peak_17406	16
65424881	65426794	H2AZ_Rep2_peak_17407	123
65476619	65478791	H2AZ_Rep2_peak_17408	120
65578207	65581277	H2AZ_Rep2_peak_17416	257
65587809	65588155	H2AZ_Rep2_peak_17417	29
65589954	65590816	H2AZ_Rep2_peak_17418	31
65594919	65596914	H2AZ_Rep2_peak_17419	122
65675999	65679122	H2AZ_Rep2_peak_17424	190

65692893	65694224	H2AZ_Rep2_peak_17426	34
65809186	65813856	H2AZ_Rep2_peak_17429	120
65809186	65813856	H2AZ_Rep2_peak_17429	120
65822087	65823466	H2AZ_Rep2_peak_17430	248
65902663	65905079	H2AZ_Rep2_peak_17431	194
66083474	66085303	H2AZ_Rep2_peak_17435	136
66097176	66097491	H2AZ_Rep2_peak_17437	30
66116327	66117891	H2AZ_Rep2_peak_17438	35
66121194	66121706	H2AZ_Rep2_peak_17439	22
66124123	66126556	H2AZ_Rep2_peak_17440	70
66129775	66130367	H2AZ_Rep2_peak_17441	30
66160765	66163416	H2AZ_Rep2_peak_17443	95
66319305	66320084	H2AZ_Rep2_peak_17454	305
66362486	66363853	H2AZ_Rep2_peak_17459	25
66543444	66545527	H2AZ_Rep2_peak_17475	40
66561455	66561977	H2AZ_Rep2_peak_17477	60
66585097	66587511	H2AZ_Rep2_peak_17478	118
66648077	66649929	H2AZ_Rep2_peak_17479	167
66662046	66664292	H2AZ_Rep2_peak_17480	191
66671985	66672817	H2AZ_Rep2_peak_17481	15
66678605	66680535	H2AZ_Rep2_peak_17482	79
66789364	66790143	H2AZ_Rep2_peak_17483	116
66796806	66798293	H2AZ_Rep2_peak_17484	118
66858728	66859884	H2AZ_Rep2_peak_17485	62
66909306	66912352	H2AZ_Rep2_peak_17490	72
66909306	66912352	H2AZ_Rep2_peak_17490	72
66914975	66916505	H2AZ_Rep2_peak_17491	47
66961974	66965212	H2AZ_Rep2_peak_17493	31
66992771	66996788	H2AZ_Rep2_peak_17496	117
67094664	67097896	H2AZ_Rep2_peak_17501	61
67122186	67131888	H2AZ_Rep2_peak_17503	57
67122186	67131888	H2AZ_Rep2_peak_17503	57
67133108	67137143	H2AZ_Rep2_peak_17504	68
67142943	67144454	H2AZ_Rep2_peak_17505	86
67155088	67155727	H2AZ_Rep2_peak_17506	25
67215182	67216055	H2AZ_Rep2_peak_17511	22
67222977	67225398	H2AZ_Rep2_peak_17512	92
67248764	67249701	H2AZ_Rep2_peak_17515	40
67315996	67320477	H2AZ_Rep2_peak_17519	37
67332237	67334749	H2AZ_Rep2_peak_17520	29
67336350	67337244	H2AZ_Rep2_peak_17521	162
67339692	67344280	H2AZ_Rep2_peak_17522	60
67355163	67359648	H2AZ_Rep2_peak_17525	70



67417466	67418659	H2AZ_Rep2_peak_17527	49
67545951	67548135	H2AZ_Rep2_peak_17529	115
67706096	67706963	H2AZ_Rep2_peak_17530	123
67728740	67729048	H2AZ_Rep2_peak_17531	23
67812655	67814425	H2AZ_Rep2_peak_17534	204
67833667	67836034	H2AZ_Rep2_peak_17535	162
68131434	68133952	H2AZ_Rep2_peak_17538	134
68143602	68144055	H2AZ_Rep2_peak_17539	50
68151899	68153768	H2AZ_Rep2_peak_17541	26
68155289	68156612	H2AZ_Rep2_peak_17542	172
68171851	68173290	H2AZ_Rep2_peak_17543	39
68175887	68178118	H2AZ_Rep2_peak_17544	81
68236935	68239346	H2AZ_Rep2_peak_17547	72
68346051	68347731	H2AZ_Rep2_peak_17550	96
68520551	68523003	H2AZ_Rep2_peak_17551	170
68563474	68565000	H2AZ_Rep2_peak_17552	129
68566321	68571506	H2AZ_Rep2_peak_17553	181
68596351	68598021	H2AZ_Rep2_peak_17554	19
68599249	68599712	H2AZ_Rep2_peak_17555	20
68625932	68630262	H2AZ_Rep2_peak_17559	32
68644838	68645610	H2AZ_Rep2_peak_17561	55
68676755	68678768	H2AZ_Rep2_peak_17564	29
68680280	68683272	H2AZ_Rep2_peak_17565	31
68834956	68835737	H2AZ_Rep2_peak_17570	73
68851724	68854258	H2AZ_Rep2_peak_17573	85
68965200	68968849	H2AZ_Rep2_peak_17578	23
69109597	69114646	H2AZ_Rep2_peak_17586	60
69109597	69114646	H2AZ_Rep2_peak_17586	60
69167959	69169744	H2AZ_Rep2_peak_17588	22
69307043	69308009	H2AZ_Rep2_peak_17595	26
69323289	69328341	H2AZ_Rep2_peak_17597	28
69335521	69336417	H2AZ_Rep2_peak_17599	129
69337898	69340283	H2AZ_Rep2_peak_17600	101
69348719	69354522	H2AZ_Rep2_peak_17601	57
69366139	69367712	H2AZ_Rep2_peak_17603	103
69373484	69377620	H2AZ_Rep2_peak_17605	72
69380220	69389123	H2AZ_Rep2_peak_17606	34
69406207	69407144	H2AZ_Rep2_peak_17608	70
69417688	69422376	H2AZ_Rep2_peak_17612	86
69417688	69422376	H2AZ_Rep2_peak_17612	86
69452376	69454222	H2AZ_Rep2_peak_17615	114
69516810	69517231	H2AZ_Rep2_peak_17616	49
69581910	69582286	H2AZ_Rep2_peak_17617	21

69590107	69593743	H2AZ_Rep2_peak_17618	70
69595478	69599664	H2AZ_Rep2_peak_17619	72
69686643	69687083	H2AZ_Rep2_peak_17622	38
69706166	69708233	H2AZ_Rep2_peak_17623	71
69743576	69745495	H2AZ_Rep2_peak_17624	159
69754315	69755869	H2AZ_Rep2_peak_17625	174
69758538	69758904	H2AZ_Rep2_peak_17626	52
69770819	69771249	H2AZ_Rep2_peak_17628	14
69776665	69778202	H2AZ_Rep2_peak_17629	70
69848802	69851167	H2AZ_Rep2_peak_17638	57
69860591	69862184	H2AZ_Rep2_peak_17640	49
69866024	69873340	H2AZ_Rep2_peak_17641	66
69866024	69873340	H2AZ_Rep2_peak_17641	66
69916384	69917206	H2AZ_Rep2_peak_17644	72
70049684	70054033	H2AZ_Rep2_peak_17652	32
70072773	70073130	H2AZ_Rep2_peak_17653	24
70086908	70089370	H2AZ_Rep2_peak_17654	151
70090693	70091794	H2AZ_Rep2_peak_17655	30
70119235	70120064	H2AZ_Rep2_peak_17659	13
70145666	70146193	H2AZ_Rep2_peak_17661	67
70155075	70155488	H2AZ_Rep2_peak_17662	19
70288553	70290225	H2AZ_Rep2_peak_17670	21
70315505	70317767	H2AZ_Rep2_peak_17674	55
70388874	70391496	H2AZ_Rep2_peak_17675	36
70393217	70394375	H2AZ_Rep2_peak_17676	46
70433357	70434439	H2AZ_Rep2_peak_17677	24
70439819	70445824	H2AZ_Rep2_peak_17679	24
70472543	70474987	H2AZ_Rep2_peak_17681	21
70487796	70493116	H2AZ_Rep2_peak_17683	49
70535343	70536107	H2AZ_Rep2_peak_17685	22
70581666	70582570	H2AZ_Rep2_peak_17689	82
70617065	70617556	H2AZ_Rep2_peak_17692	12
70666689	70671828	H2AZ_Rep2_peak_17694	51
70666689	70671828	H2AZ_Rep2_peak_17694	51
70766530	70771541	H2AZ_Rep2_peak_17702	129
70783490	70789025	H2AZ_Rep2_peak_17704	35
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70796540	70798493	H2AZ_Rep2_peak_17705	73
70800797	70802365	H2AZ_Rep2_peak_17706	35
70818685	70819260	H2AZ_Rep2_peak_17707	80
70861036	70862393	H2AZ_Rep2_peak_17711	51
71054651	71056639	H2AZ_Rep2_peak_17718	109
71086836	71088828	H2AZ_Rep2_peak_17720	50

71117598	71119624 H2AZ_Rep2_peak_17721	51
71125202	71127711 H2AZ_Rep2_peak_17723	142
71131866	71132490 H2AZ_Rep2_peak_17724	61
71144842	71149498 H2AZ_Rep2_peak_17725	62
71144842	71149498 H2AZ_Rep2_peak_17725	62
71155839	71156581 H2AZ_Rep2_peak_17726	48
71183965	71186187 H2AZ_Rep2_peak_17728	261
71194306	71195313 H2AZ_Rep2_peak_17729	97
71371299	71373309 H2AZ_Rep2_peak_17731	27
71384205	71386384 H2AZ_Rep2_peak_17733	161
71389020	71389834 H2AZ_Rep2_peak_17734	34
71395542	71396111 H2AZ_Rep2_peak_17735	74
71407313	71408843 H2AZ_Rep2_peak_17737	87
71566283	71567947 H2AZ_Rep2_peak_17740	19
71571638	71572369 H2AZ_Rep2_peak_17741	21
71586496	71589033 H2AZ_Rep2_peak_17742	36
71971889	71972627 H2AZ_Rep2_peak_17749	32
71983639	71985020 H2AZ_Rep2_peak_17751	35
72000228	72000681 H2AZ_Rep2_peak_17752	35
72039755	72040864 H2AZ_Rep2_peak_17754	18
72072307	72073879 H2AZ_Rep2_peak_17756	32
72409164	72411504 H2AZ_Rep2_peak_17757	175
72447475	72448991 H2AZ_Rep2_peak_17759	119
72476208	72477391 H2AZ_Rep2_peak_17761	120
72489611	72490789 H2AZ_Rep2_peak_17762	72
72529273	72530626 H2AZ_Rep2_peak_17765	55
72564289	72566098 H2AZ_Rep2_peak_17766	51
72610828	72613183 H2AZ_Rep2_peak_17770	137
72667683	72669217 H2AZ_Rep2_peak_17771	246
72743377	72744144 H2AZ_Rep2_peak_17773	18
72765439	72767757 H2AZ_Rep2_peak_17774	75
72962946	72963787 H2AZ_Rep2_peak_17775	202
72977612	72979459 H2AZ_Rep2_peak_17778	151
73075229	73079338 H2AZ_Rep2_peak_17779	204
73291152	73292044 H2AZ_Rep2_peak_17789	15
73343553	73345812 H2AZ_Rep2_peak_17792	69
73777668	73778240 H2AZ_Rep2_peak_17794	34
73832683	73833133 H2AZ_Rep2_peak_17795	41
73924750	73926814 H2AZ_Rep2_peak_17796	82
73974934	73977587 H2AZ_Rep2_peak_17800	107
74065947	74067645 H2AZ_Rep2_peak_17805	19
74215791	74217518 H2AZ_Rep2_peak_17817	89
74219899	74221766 H2AZ_Rep2_peak_17818	59

74242697	74244198	H2AZ_Rep2_peak_17820	77
74248788	74251614	H2AZ_Rep2_peak_17821	120
74257041	74259337	H2AZ_Rep2_peak_17822	111
74265100	74266027	H2AZ_Rep2_peak_17823	186
74273963	74277118	H2AZ_Rep2_peak_17824	54
74282271	74287938	H2AZ_Rep2_peak_17825	134
74342994	74344251	H2AZ_Rep2_peak_17827	46
74346098	74346922	H2AZ_Rep2_peak_17828	33
74348222	74348576	H2AZ_Rep2_peak_17829	38
74419663	74420323	H2AZ_Rep2_peak_17830	42
74428122	74429656	H2AZ_Rep2_peak_17831	123
74470002	74473599	H2AZ_Rep2_peak_17833	36
74499137	74505911	H2AZ_Rep2_peak_17835	55
74507253	74508490	H2AZ_Rep2_peak_17836	51
74526680	74527343	H2AZ_Rep2_peak_17837	46
74531186	74535925	H2AZ_Rep2_peak_17838	73
74544597	74545636	H2AZ_Rep2_peak_17839	38
74604207	74604763	H2AZ_Rep2_peak_17844	76
74614740	74615525	H2AZ_Rep2_peak_17847	58
74631933	74633370	H2AZ_Rep2_peak_17849	69
74651548	74652511	H2AZ_Rep2_peak_17851	22
74657357	74658718	H2AZ_Rep2_peak_17852	229
74665585	74667796	H2AZ_Rep2_peak_17853	148
74674546	74682421	H2AZ_Rep2_peak_17854	48
74674546	74682421	H2AZ_Rep2_peak_17854	48
74674546	74682421	H2AZ_Rep2_peak_17854	48
74698784	74700125	H2AZ_Rep2_peak_17857	71
74715029	74715737	H2AZ_Rep2_peak_17858	22
74725812	74726210	H2AZ_Rep2_peak_17860	31
74752731	74754665	H2AZ_Rep2_peak_17861	146
74832518	74834368	H2AZ_Rep2_peak_17863	148
74890315	74891354	H2AZ_Rep2_peak_17865	184
74906028	74908974	H2AZ_Rep2_peak_17866	83
74987696	74989523	H2AZ_Rep2_peak_17867	219
75016152	75020182	H2AZ_Rep2_peak_17869	91
75016152	75020182	H2AZ_Rep2_peak_17869	91
75063119	75064013	H2AZ_Rep2_peak_17874	35
75071615	75076257	H2AZ_Rep2_peak_17875	53
75100290	75102235	H2AZ_Rep2_peak_17877	50
75107184	75108030	H2AZ_Rep2_peak_17878	52
75109273	75114962	H2AZ_Rep2_peak_17879	72
75123063	75126144	H2AZ_Rep2_peak_17880	41
75134881	75136059	H2AZ_Rep2_peak_17881	168

75164973	75166631	H2AZ_Rep2_peak_17882	222
75181290	75183112	H2AZ_Rep2_peak_17885	277
75198021	75201162	H2AZ_Rep2_peak_17886	146
75229659	75231956	H2AZ_Rep2_peak_17887	104
75247913	75251406	H2AZ_Rep2_peak_17888	102
75286563	75288493	H2AZ_Rep2_peak_17892	69
75314586	75316842	H2AZ_Rep2_peak_17893	84
75416068	75416840	H2AZ_Rep2_peak_17902	35
75436908	75438464	H2AZ_Rep2_peak_17904	111
75442592	75446551	H2AZ_Rep2_peak_17905	29
75448690	75449538	H2AZ_Rep2_peak_17906	40
75467923	75468565	H2AZ_Rep2_peak_17908	50
75491143	75496539	H2AZ_Rep2_peak_17911	96
75600039	75600950	H2AZ_Rep2_peak_17914	48
75627559	75629114	H2AZ_Rep2_peak_17916	114
75639507	75641022	H2AZ_Rep2_peak_17917	103
75659839	75661523	H2AZ_Rep2_peak_17918	61
75742819	75749189	H2AZ_Rep2_peak_17919	76
75870167	75872351	H2AZ_Rep2_peak_17920	82
75917409	75920546	H2AZ_Rep2_peak_17921	164
75917409	75920546	H2AZ_Rep2_peak_17921	164
75931723	75933576	H2AZ_Rep2_peak_17922	112
75938736	75940983	H2AZ_Rep2_peak_17923	121
75952766	75954037	H2AZ_Rep2_peak_17925	19
76004681	76006692	H2AZ_Rep2_peak_17927	77
76012950	76013680	H2AZ_Rep2_peak_17929	83
76024863	76026440	H2AZ_Rep2_peak_17931	66
76030314	76033049	H2AZ_Rep2_peak_17932	56
76049756	76051693	H2AZ_Rep2_peak_17934	73
76094178	76095443	H2AZ_Rep2_peak_17935	114
76102524	76104162	H2AZ_Rep2_peak_17937	26
76129169	76130622	H2AZ_Rep2_peak_17940	33
76134825	76137071	H2AZ_Rep2_peak_17941	85
76183893	76184472	H2AZ_Rep2_peak_17942	66
76193852	76197094	H2AZ_Rep2_peak_17943	191
76303879	76305080	H2AZ_Rep2_peak_17944	34
76349261	76349954	H2AZ_Rep2_peak_17947	39
76351420	76353033	H2AZ_Rep2_peak_17948	94
76429152	76432794	H2AZ_Rep2_peak_17953	18
76439682	76441111	H2AZ_Rep2_peak_17955	112
76442629	76444365	H2AZ_Rep2_peak_17956	80
76452036	76459497	H2AZ_Rep2_peak_17958	166
76460836	76462186	H2AZ_Rep2_peak_17959	66

76468534	76470951	H2AZ_Rep2_peak_17960	115
76473550	76475289	H2AZ_Rep2_peak_17961	29
76478136	76478857	H2AZ_Rep2_peak_17962	48
76482562	76483836	H2AZ_Rep2_peak_17963	168
76486730	76490884	H2AZ_Rep2_peak_17964	40
76603227	76609218	H2AZ_Rep2_peak_17965	73
76619358	76620617	H2AZ_Rep2_peak_17966	28
76621928	76622785	H2AZ_Rep2_peak_17967	41
76625324	76626727	H2AZ_Rep2_peak_17968	21
76628130	76631119	H2AZ_Rep2_peak_17969	108
76637885	76639372	H2AZ_Rep2_peak_17970	111
76868869	76870136	H2AZ_Rep2_peak_17971	69
77196813	77198417	H2AZ_Rep2_peak_17972	258
77222973	77225093	H2AZ_Rep2_peak_17975	123
77362762	77364526	H2AZ_Rep2_peak_17985	82
77711001	77713980	H2AZ_Rep2_peak_17990	107
77788423	77790098	H2AZ_Rep2_peak_17991	174
77799628	77802654	H2AZ_Rep2_peak_17993	57
77834817	77839969	H2AZ_Rep2_peak_17996	180
77834817	77839969	H2AZ_Rep2_peak_17996	180
77912343	77913200	H2AZ_Rep2_peak_18002	14
77925519	77926484	H2AZ_Rep2_peak_18003	126
77952349	77953273	H2AZ_Rep2_peak_18005	17
78122232	78122902	H2AZ_Rep2_peak_18013	68
78161209	78163364	H2AZ_Rep2_peak_18016	49
78200123	78203284	H2AZ_Rep2_peak_18020	143
78251503	78252442	H2AZ_Rep2_peak_18021	80
78266163	78266752	H2AZ_Rep2_peak_18023	107
78286210	78286872	H2AZ_Rep2_peak_18025	21
78369150	78370771	H2AZ_Rep2_peak_18027	152
78400673	78402274	H2AZ_Rep2_peak_18031	25
78420045	78424673	H2AZ_Rep2_peak_18033	88
78420045	78424673	H2AZ_Rep2_peak_18033	88
78441085	78442437	H2AZ_Rep2_peak_18035	71
78469781	78470123	H2AZ_Rep2_peak_18036	16
78487032	78488503	H2AZ_Rep2_peak_18037	31
78498884	78502545	H2AZ_Rep2_peak_18038	31
78504647	78505376	H2AZ_Rep2_peak_18039	34
78507468	78509087	H2AZ_Rep2_peak_18040	30
78533389	78534541	H2AZ_Rep2_peak_18042	37
78555070	78557878	H2AZ_Rep2_peak_18045	99
78591199	78594021	H2AZ_Rep2_peak_18046	127
78596473	78602042	H2AZ_Rep2_peak_18047	48

78607669	78609855	H2AZ_Rep2_peak_18049	128
78631017	78632100	H2AZ_Rep2_peak_18054	26
78645236	78646154	H2AZ_Rep2_peak_18057	46
78664981	78667906	H2AZ_Rep2_peak_18059	56
78664981	78667906	H2AZ_Rep2_peak_18059	56
78710268	78711939	H2AZ_Rep2_peak_18066	60
78729369	78731536	H2AZ_Rep2_peak_18069	155
78798829	78800958	H2AZ_Rep2_peak_18070	220
78832116	78833667	H2AZ_Rep2_peak_18071	185
78857146	78858987	H2AZ_Rep2_peak_18072	148
79001747	79002597	H2AZ_Rep2_peak_18085	96
79006087	79007791	H2AZ_Rep2_peak_18086	34
79012049	79012780	H2AZ_Rep2_peak_18087	52
79032395	79033559	H2AZ_Rep2_peak_18091	159
79042794	79043969	H2AZ_Rep2_peak_18092	76
79049439	79050048	H2AZ_Rep2_peak_18093	66
79103224	79105327	H2AZ_Rep2_peak_18098	49
79151463	79152730	H2AZ_Rep2_peak_18102	101
79163183	79166178	H2AZ_Rep2_peak_18103	81
79243372	79244620	H2AZ_Rep2_peak_18104	44
79271219	79274339	H2AZ_Rep2_peak_18106	39
79280200	79281814	H2AZ_Rep2_peak_18108	41
79295291	79298345	H2AZ_Rep2_peak_18110	91
79446610	79449505	H2AZ_Rep2_peak_18121	21
79461214	79466091	H2AZ_Rep2_peak_18122	37
79602784	79604700	H2AZ_Rep2_peak_18126	139
80188444	80191214	H2AZ_Rep2_peak_18134	129
80215253	80216871	H2AZ_Rep2_peak_18135	89
80252868	80253212	H2AZ_Rep2_peak_18139	51
80302335	80302937	H2AZ_Rep2_peak_18143	34
80324874	80326207	H2AZ_Rep2_peak_18145	70
80351167	80351841	H2AZ_Rep2_peak_18148	290
80444312	80447620	H2AZ_Rep2_peak_18149	116
80451827	80453665	H2AZ_Rep2_peak_18150	114
80471147	80472689	H2AZ_Rep2_peak_18152	29
80869159	80881983	H2AZ_Rep2_peak_18177	41
80869159	80881983	H2AZ_Rep2_peak_18177	41
80885959	80889622	H2AZ_Rep2_peak_18179	23
80906233	80913549	H2AZ_Rep2_peak_18182	41
80906233	80913549	H2AZ_Rep2_peak_18182	41
80925278	80929242	H2AZ_Rep2_peak_18183	22
80937639	80938347	H2AZ_Rep2_peak_18186	25
80951533	80952317	H2AZ_Rep2_peak_18189	62

80986521	80989036	H2AZ_Rep2_peak_18194	81
81281348	81282752	H2AZ_Rep2_peak_18210	191
81292559	81294868	H2AZ_Rep2_peak_18211	62
81557687	81559109	H2AZ_Rep2_peak_18218	61
81615956	81617179	H2AZ_Rep2_peak_18222	49
82336653	82339903	H2AZ_Rep2_peak_18234	118
82385816	82386562	H2AZ_Rep2_peak_18239	27
82554321	82555995	H2AZ_Rep2_peak_18241	105
83377704	83379492	H2AZ_Rep2_peak_18244	49
83418351	83420177	H2AZ_Rep2_peak_18245	180
83477287	83479848	H2AZ_Rep2_peak_18247	83
83654019	83655656	H2AZ_Rep2_peak_18253	269
83679582	83681353	H2AZ_Rep2_peak_18254	227
83735084	83736863	H2AZ_Rep2_peak_18255	129
83780251	83783391	H2AZ_Rep2_peak_18257	95
83875232	83878344	H2AZ_Rep2_peak_18258	62
83954452	83957948	H2AZ_Rep2_peak_18264	43
83954452	83957948	H2AZ_Rep2_peak_18264	43
83973766	83976039	H2AZ_Rep2_peak_18265	35
83979707	83981781	H2AZ_Rep2_peak_18266	44
83989132	83991321	H2AZ_Rep2_peak_18267	51
84025637	84028154	H2AZ_Rep2_peak_18273	15
84033940	84034583	H2AZ_Rep2_peak_18275	98
84040574	84041799	H2AZ_Rep2_peak_18276	47
84046295	84049887	H2AZ_Rep2_peak_18277	119
84105130	84106420	H2AZ_Rep2_peak_18279	14
84915107	84915537	H2AZ_Rep2_peak_18288	64
85113017	85114068	H2AZ_Rep2_peak_18289	50
85122409	85123730	H2AZ_Rep2_peak_18290	44
85130229	85131942	H2AZ_Rep2_peak_18292	45
85141899	85144885	H2AZ_Rep2_peak_18293	237
85171783	85177132	H2AZ_Rep2_peak_18294	121
85196501	85198466	H2AZ_Rep2_peak_18295	127
85258571	85260624	H2AZ_Rep2_peak_18296	118
85268166	85268918	H2AZ_Rep2_peak_18297	141
85277102	85279950	H2AZ_Rep2_peak_18298	118
85290349	85292950	H2AZ_Rep2_peak_18300	152
85369079	85370687	H2AZ_Rep2_peak_18301	63
85383516	85384767	H2AZ_Rep2_peak_18303	47
85447351	85448896	H2AZ_Rep2_peak_18311	20
85451781	85459122	H2AZ_Rep2_peak_18312	51
85466131	85468771	H2AZ_Rep2_peak_18314	56
85470325	85471741	H2AZ_Rep2_peak_18315	74



85497404	85499376	H2AZ_Rep2_peak_18320	80
85503119	85504034	H2AZ_Rep2_peak_18321	15
85510780	85511984	H2AZ_Rep2_peak_18323	21
85521906	85526153	H2AZ_Rep2_peak_18325	85
85720030	85720661	H2AZ_Rep2_peak_18328	52
85839506	85842078	H2AZ_Rep2_peak_18331	100
85855852	85856605	H2AZ_Rep2_peak_18332	87
85858043	85860018	H2AZ_Rep2_peak_18333	21
85861384	85863616	H2AZ_Rep2_peak_18334	55
85872708	85875417	H2AZ_Rep2_peak_18336	98
85922812	85924512	H2AZ_Rep2_peak_18339	75
86337130	86339746	H2AZ_Rep2_peak_18340	125
86383227	86384357	H2AZ_Rep2_peak_18345	115
86401786	86402240	H2AZ_Rep2_peak_18346	40
88021115	88022210	H2AZ_Rep2_peak_18366	15
88152624	88154304	H2AZ_Rep2_peak_18368	26
88161222	88162402	H2AZ_Rep2_peak_18369	20
88190389	88192535	H2AZ_Rep2_peak_18370	18
88203991	88205276	H2AZ_Rep2_peak_18371	31
88789994	88790533	H2AZ_Rep2_peak_18385	32
89009949	89011681	H2AZ_Rep2_peak_18396	193
89039658	89040725	H2AZ_Rep2_peak_18397	13
89156426	89158824	H2AZ_Rep2_peak_18400	24
89163821	89165857	H2AZ_Rep2_peak_18401	97
89179963	89183579	H2AZ_Rep2_peak_18403	61
89439847	89441381	H2AZ_Rep2_peak_18415	26
89560639	89561330	H2AZ_Rep2_peak_18421	45
89628922	89632448	H2AZ_Rep2_peak_18425	88
89750047	89750926	H2AZ_Rep2_peak_18427	91
89760350	89762578	H2AZ_Rep2_peak_18429	16
89786353	89788361	H2AZ_Rep2_peak_18430	253
89877303	89879149	H2AZ_Rep2_peak_18431	134
89891840	89893091	H2AZ_Rep2_peak_18432	53
89901545	89903991	H2AZ_Rep2_peak_18433	98
89973712	89974389	H2AZ_Rep2_peak_18438	75
89993362	89994505	H2AZ_Rep2_peak_18442	43
90000090	90001399	H2AZ_Rep2_peak_18444	37
90005358	90006580	H2AZ_Rep2_peak_18445	38
90011946	90012784	H2AZ_Rep2_peak_18446	28
90058214	90058822	H2AZ_Rep2_peak_18452	22
90072499	90075699	H2AZ_Rep2_peak_18456	18
90108337	90110857	H2AZ_Rep2_peak_18458	137
90118026	90121329	H2AZ_Rep2_peak_18460	81

90189307	90190974	H2AZ_Rep2_peak_18461	85
90198083	90200035	H2AZ_Rep2_peak_18462	21
90205911	90206608	H2AZ_Rep2_peak_18464	70
90223644	90224316	H2AZ_Rep2_peak_18466	46
90233296	90237225	H2AZ_Rep2_peak_18467	255
90277540	90279423	H2AZ_Rep2_peak_18470	15
90282655	90283854	H2AZ_Rep2_peak_18471	41
90293052	90294990	H2AZ_Rep2_peak_18473	159
90303613	90305450	H2AZ_Rep2_peak_18475	48
90319093	90320568	H2AZ_Rep2_peak_18478	170
90327653	90328931	H2AZ_Rep2_peak_18480	39
90351202	90352637	H2AZ_Rep2_peak_18484	28
90363999	90367659	H2AZ_Rep2_peak_18487	41
90436765	90438870	H2AZ_Rep2_peak_18488	202
90455092	90458024	H2AZ_Rep2_peak_18489	210
90541333	90542662	H2AZ_Rep2_peak_18494	57
90544289	90545990	H2AZ_Rep2_peak_18495	47
90644671	90646266	H2AZ_Rep2_peak_18499	135
90649568	90650571	H2AZ_Rep2_peak_18500	129
90669767	90673028	H2AZ_Rep2_peak_18501	83
90684440	90687020	H2AZ_Rep2_peak_18502	48
90692237	90695895	H2AZ_Rep2_peak_18504	70
90701177	90706401	H2AZ_Rep2_peak_18506	52
90701177	90706401	H2AZ_Rep2_peak_18506	52
90711390	90712607	H2AZ_Rep2_peak_18508	77
90727201	90728832	H2AZ_Rep2_peak_18513	62
90744008	90745146	H2AZ_Rep2_peak_18515	16
90753807	90757163	H2AZ_Rep2_peak_18516	50
90776182	90778169	H2AZ_Rep2_peak_18517	122
90792132	90794350	H2AZ_Rep2_peak_18518	89
90807699	90809668	H2AZ_Rep2_peak_18519	108
90835615	90837229	H2AZ_Rep2_peak_18520	56
90844107	90845033	H2AZ_Rep2_peak_18521	149
90858740	90859679	H2AZ_Rep2_peak_18522	61
90863086	90864166	H2AZ_Rep2_peak_18523	80
90894731	90896896	H2AZ_Rep2_peak_18527	210
90904352	90908241	H2AZ_Rep2_peak_18528	37
90930694	90932179	H2AZ_Rep2_peak_18529	110
91063818	91068191	H2AZ_Rep2_peak_18534	25
91063818	91068191	H2AZ_Rep2_peak_18534	25
91072287	91074394	H2AZ_Rep2_peak_18535	104
91137617	91138255	H2AZ_Rep2_peak_18536	16
91191353	91193868	H2AZ_Rep2_peak_18537	83

91203454	91204225 H2AZ_Rep2_peak_18538	63
91208143	91210830 H2AZ_Rep2_peak_18539	51
91223496	91225841 H2AZ_Rep2_peak_18540	41
91259471	91261536 H2AZ_Rep2_peak_18541	139
91388208	91389133 H2AZ_Rep2_peak_18546	59
91394312	91396603 H2AZ_Rep2_peak_18547	34
91410630	91417750 H2AZ_Rep2_peak_18551	26
91428858	91430685 H2AZ_Rep2_peak_18552	43
91445208	91447490 H2AZ_Rep2_peak_18553	143
91472925	91479610 H2AZ_Rep2_peak_18554	135
91472925	91479610 H2AZ_Rep2_peak_18554	135
91472925	91479610 H2AZ_Rep2_peak_18554	135
91495277	91501118 H2AZ_Rep2_peak_18555	66
91536701	91538957 H2AZ_Rep2_peak_18556	115
91564808	91566502 H2AZ_Rep2_peak_18557	246
91575463	91576904 H2AZ_Rep2_peak_18558	82
91592885	91593195 H2AZ_Rep2_peak_18561	34
92237693	92238480 H2AZ_Rep2_peak_18575	52
92395205	92397508 H2AZ_Rep2_peak_18576	113
92408844	92411333 H2AZ_Rep2_peak_18577	30
92483216	92486825 H2AZ_Rep2_peak_18578	44
92490984	92492069 H2AZ_Rep2_peak_18579	104
92508011	92509727 H2AZ_Rep2_peak_18582	44
93236850	93237437 H2AZ_Rep2_peak_18602	13
93339521	93341115 H2AZ_Rep2_peak_18604	80
93344591	93345306 H2AZ_Rep2_peak_18605	126
93351236	93353198 H2AZ_Rep2_peak_18607	27
93360840	93366647 H2AZ_Rep2_peak_18609	61
93360840	93366647 H2AZ_Rep2_peak_18609	61
93374920	93377406 H2AZ_Rep2_peak_18610	44
93387949	93389778 H2AZ_Rep2_peak_18612	36
93412218	93413842 H2AZ_Rep2_peak_18617	141
93421975	93425590 H2AZ_Rep2_peak_18619	21
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93460493	93461191 H2AZ_Rep2_peak_18620	50
93573482	93574237 H2AZ_Rep2_peak_18621	16
93578904	93581006 H2AZ_Rep2_peak_18622	41
93630436	93631210 H2AZ_Rep2_peak_18623	30
94866371	94867639 H2AZ_Rep2_peak_18643	24
95335114	95335543 H2AZ_Rep2_peak_18651	41
95452948	95454210 H2AZ_Rep2_peak_18653	16
95515464	95516043 H2AZ_Rep2_peak_18656	62
95790594	95791056 H2AZ_Rep2_peak_18659	18

96100425	96101664	H2AZ_Rep2_peak_18660	46
96816981	96817368	H2AZ_Rep2_peak_18673	36
96869698	96871010	H2AZ_Rep2_peak_18674	83
96872829	96876655	H2AZ_Rep2_peak_18675	87
96882514	96885582	H2AZ_Rep2_peak_18677	48
96897243	96901495	H2AZ_Rep2_peak_18678	104
98044683	98045996	H2AZ_Rep2_peak_18691	23
98227484	98227902	H2AZ_Rep2_peak_18694	40
98681809	98682674	H2AZ_Rep2_peak_18698	70
98907074	98907747	H2AZ_Rep2_peak_18705	34
98964621	98966182	H2AZ_Rep2_peak_18706	42
98970292	98972563	H2AZ_Rep2_peak_18707	113
99062165	99062762	H2AZ_Rep2_peak_18714	47
99189834	99194010	H2AZ_Rep2_peak_18719	77
99322814	99323204	H2AZ_Rep2_peak_18721	22
99393538	99397410	H2AZ_Rep2_peak_18722	41
99408818	99410259	H2AZ_Rep2_peak_18723	14
99552904	99553603	H2AZ_Rep2_peak_18729	33
99558336	99559834	H2AZ_Rep2_peak_18730	74
99574935	99576180	H2AZ_Rep2_peak_18733	27
99601658	99603117	H2AZ_Rep2_peak_18735	73
99619709	99620167	H2AZ_Rep2_peak_18737	135
99640357	99641146	H2AZ_Rep2_peak_18739	49
99643524	99647759	H2AZ_Rep2_peak_18740	76
99663222	99666275	H2AZ_Rep2_peak_18741	98
99788633	99792853	H2AZ_Rep2_peak_18743	93
99864230	99865896	H2AZ_Rep2_peak_18744	38
99943642	99944284	H2AZ_Rep2_peak_18745	20
99948200	99949329	H2AZ_Rep2_peak_18746	17
99963769	99968432	H2AZ_Rep2_peak_18749	139
99972706	99976423	H2AZ_Rep2_peak_18750	107
99980546	99984343	H2AZ_Rep2_peak_18751	81
99991405	99996395	H2AZ_Rep2_peak_18753	139
100016445	100017903	H2AZ_Rep2_peak_18755	71
100025541	100027810	H2AZ_Rep2_peak_18757	65
100102533	100107349	H2AZ_Rep2_peak_18762	79
100271915	100276164	H2AZ_Rep2_peak_18764	100
100292394	100296250	H2AZ_Rep2_peak_18767	37
100468613	100470446	H2AZ_Rep2_peak_18770	128
100581817	100584437	H2AZ_Rep2_peak_18774	90
100650783	100652978	H2AZ_Rep2_peak_18777	167
100663467	100664895	H2AZ_Rep2_peak_18778	44
101141023	101143604	H2AZ_Rep2_peak_18788	172

101250133	101256304	H2AZ_Rep2_peak_18792	47
101260743	101263324	H2AZ_Rep2_peak_18793	61
101272869	101273878	H2AZ_Rep2_peak_18795	24
101299514	101300708	H2AZ_Rep2_peak_18796	35
101359463	101360229	H2AZ_Rep2_peak_18798	38
101389199	101390928	H2AZ_Rep2_peak_18799	78
101413076	101414273	H2AZ_Rep2_peak_18801	16
101417808	101420423	H2AZ_Rep2_peak_18803	44
101457783	101461205	H2AZ_Rep2_peak_18804	175
101610599	101611565	H2AZ_Rep2_peak_18805	50
101628311	101634456	H2AZ_Rep2_peak_18806	48
101645059	101645911	H2AZ_Rep2_peak_18807	52
101665406	101669680	H2AZ_Rep2_peak_18810	59
101708002	101708854	H2AZ_Rep2_peak_18814	37
101790750	101793205	H2AZ_Rep2_peak_18816	92
101816812	101818529	H2AZ_Rep2_peak_18821	110
101834620	101836699	H2AZ_Rep2_peak_18822	107
101874080	101874882	H2AZ_Rep2_peak_18823	34
102075970	102078347	H2AZ_Rep2_peak_18830	26
102114512	102117014	H2AZ_Rep2_peak_18832	20
102119067	102120598	H2AZ_Rep2_peak_18833	77
102140347	102140677	H2AZ_Rep2_peak_18834	21
102155513	102158188	H2AZ_Rep2_peak_18835	83
102191573	102193326	H2AZ_Rep2_peak_18837	137
102263434	102264741	H2AZ_Rep2_peak_18838	186
102846	104455	H2AZ_Rep2_peak_18839	133
121530	124114	H2AZ_Rep2_peak_18840	40
126474	128982	H2AZ_Rep2_peak_18841	24
188055	189126	H2AZ_Rep2_peak_18843	64
278730	279996	H2AZ_Rep2_peak_18845	63
284284	285857	H2AZ_Rep2_peak_18846	83
377274	378030	H2AZ_Rep2_peak_18847	48
403163	403946	H2AZ_Rep2_peak_18848	51
411913	412765	H2AZ_Rep2_peak_18849	31
430921	432639	H2AZ_Rep2_peak_18851	34
450633	452275	H2AZ_Rep2_peak_18852	52
455501	456198	H2AZ_Rep2_peak_18853	42
473802	475617	H2AZ_Rep2_peak_18854	137
576596	577440	H2AZ_Rep2_peak_18855	29
618408	620558	H2AZ_Rep2_peak_18856	35
638775	640572	H2AZ_Rep2_peak_18857	79
686205	687182	H2AZ_Rep2_peak_18859	40
691398	692951	H2AZ_Rep2_peak_18860	29

716894	718672 H2AZ_Rep2_peak_18861	25
729337	730549 H2AZ_Rep2_peak_18862	55
739737	740837 H2AZ_Rep2_peak_18864	51
745351	746025 H2AZ_Rep2_peak_18865	184
770136	771465 H2AZ_Rep2_peak_18867	84
777331	778700 H2AZ_Rep2_peak_18868	29
790164	791531 H2AZ_Rep2_peak_18869	66
810109	811829 H2AZ_Rep2_peak_18870	54
857192	858409 H2AZ_Rep2_peak_18872	69
1020493	1021655 H2AZ_Rep2_peak_18873	63
1047228	1048077 H2AZ_Rep2_peak_18874	34
1069337	1069653 H2AZ_Rep2_peak_18877	28
1128376	1129300 H2AZ_Rep2_peak_18879	37
1132171	1133298 H2AZ_Rep2_peak_18880	66
1139907	1140543 H2AZ_Rep2_peak_18881	41
1210018	1210408 H2AZ_Rep2_peak_18882	42
1213286	1213801 H2AZ_Rep2_peak_18883	62
1231916	1232784 H2AZ_Rep2_peak_18884	46
1308948	1309634 H2AZ_Rep2_peak_18886	73
1346892	1348312 H2AZ_Rep2_peak_18889	26
1353382	1353875 H2AZ_Rep2_peak_18890	52
1358415	1359483 H2AZ_Rep2_peak_18891	67
1381547	1382324 H2AZ_Rep2_peak_18892	28
1401026	1402468 H2AZ_Rep2_peak_18893	49
1463738	1466642 H2AZ_Rep2_peak_18894	67
1470141	1471489 H2AZ_Rep2_peak_18895	39
1524166	1525875 H2AZ_Rep2_peak_18896	46
1542459	1544104 H2AZ_Rep2_peak_18897	79
1592601	1594023 H2AZ_Rep2_peak_18898	44
1659457	1663728 H2AZ_Rep2_peak_18899	52
1728473	1729067 H2AZ_Rep2_peak_18901	45
1755523	1757574 H2AZ_Rep2_peak_18902	114
1795307	1797423 H2AZ_Rep2_peak_18903	36
1821333	1823899 H2AZ_Rep2_peak_18904	36
1831783	1833698 H2AZ_Rep2_peak_18905	33
1876039	1878018 H2AZ_Rep2_peak_18906	206
1889262	1890046 H2AZ_Rep2_peak_18907	42
1972836	1974050 H2AZ_Rep2_peak_18911	37
1979325	1980468 H2AZ_Rep2_peak_18912	47
1992502	1993982 H2AZ_Rep2_peak_18913	91
2008628	2009941 H2AZ_Rep2_peak_18914	87
2014925	2015669 H2AZ_Rep2_peak_18915	41
2021388	2022580 H2AZ_Rep2_peak_18916	89

2029285	2029923 H2AZ_Rep2_peak_18917	45
2033494	2034906 H2AZ_Rep2_peak_18918	69
2059951	2060511 H2AZ_Rep2_peak_18921	55
2065068	2067251 H2AZ_Rep2_peak_18922	48
2072474	2073766 H2AZ_Rep2_peak_18923	93
2076573	2077905 H2AZ_Rep2_peak_18924	37
2096969	2098860 H2AZ_Rep2_peak_18925	122
2190110	2191172 H2AZ_Rep2_peak_18927	57
2197787	2199247 H2AZ_Rep2_peak_18928	62
2254626	2256226 H2AZ_Rep2_peak_18930	80
2264390	2265648 H2AZ_Rep2_peak_18931	56
2273144	2274390 H2AZ_Rep2_peak_18932	66
2301127	2301537 H2AZ_Rep2_peak_18933	29
2317854	2319145 H2AZ_Rep2_peak_18934	171
2389721	2391377 H2AZ_Rep2_peak_18935	50
2478532	2480558 H2AZ_Rep2_peak_18937	97
2509557	2510520 H2AZ_Rep2_peak_18938	36
2517442	2519930 H2AZ_Rep2_peak_18939	23
2523625	2525415 H2AZ_Rep2_peak_18940	18
2570445	2571207 H2AZ_Rep2_peak_18942	17
2581471	2582974 H2AZ_Rep2_peak_18943	71
2586232	2587710 H2AZ_Rep2_peak_18944	30
2653027	2654113 H2AZ_Rep2_peak_18945	94
2723662	2724116 H2AZ_Rep2_peak_18946	63
2731946	2733232 H2AZ_Rep2_peak_18947	87
2770838	2771843 H2AZ_Rep2_peak_18948	18
2773186	2774885 H2AZ_Rep2_peak_18949	81
2801404	2802707 H2AZ_Rep2_peak_18950	179
2826654	2828062 H2AZ_Rep2_peak_18951	76
2844374	2846741 H2AZ_Rep2_peak_18953	33
2849492	2850267 H2AZ_Rep2_peak_18954	26
2866826	2868145 H2AZ_Rep2_peak_18956	78
2885371	2886623 H2AZ_Rep2_peak_18957	97
2896890	2897505 H2AZ_Rep2_peak_18958	16
2907547	2909197 H2AZ_Rep2_peak_18959	42
2917701	2918836 H2AZ_Rep2_peak_18960	125
2924109	2924703 H2AZ_Rep2_peak_18961	20
2932145	2933946 H2AZ_Rep2_peak_18962	55
2953792	2955121 H2AZ_Rep2_peak_18964	78
2960437	2963382 H2AZ_Rep2_peak_18965	104
3013615	3015124 H2AZ_Rep2_peak_18966	79
3018697	3020214 H2AZ_Rep2_peak_18967	79
3029624	3031010 H2AZ_Rep2_peak_18968	73

3033269	3034232 H2AZ_Rep2_peak_18969	27
3054877	3055210 H2AZ_Rep2_peak_18970	55
3063097	3063787 H2AZ_Rep2_peak_18971	30
3069890	3070245 H2AZ_Rep2_peak_18972	81
3108845	3110247 H2AZ_Rep2_peak_18975	115
3114990	3115748 H2AZ_Rep2_peak_18976	44
3148346	3152311 H2AZ_Rep2_peak_18977	40
3156091	3157017 H2AZ_Rep2_peak_18978	80
3161848	3163886 H2AZ_Rep2_peak_18979	158
3173757	3175217 H2AZ_Rep2_peak_18980	148
3184395	3185888 H2AZ_Rep2_peak_18982	109
3198993	3202956 H2AZ_Rep2_peak_18983	86
3207339	3209923 H2AZ_Rep2_peak_18984	119
3213593	3213928 H2AZ_Rep2_peak_18985	31
3215171	3216193 H2AZ_Rep2_peak_18986	60
3223780	3224641 H2AZ_Rep2_peak_18988	158
3232698	3234795 H2AZ_Rep2_peak_18989	135
3238174	3240293 H2AZ_Rep2_peak_18990	46
3284349	3285524 H2AZ_Rep2_peak_18993	153
3306450	3309850 H2AZ_Rep2_peak_18994	69
3306450	3309850 H2AZ_Rep2_peak_18994	69
3313737	3315095 H2AZ_Rep2_peak_18995	54
3332224	3333945 H2AZ_Rep2_peak_18996	96
3355147	3355862 H2AZ_Rep2_peak_18997	15
3450287	3452339 H2AZ_Rep2_peak_19000	110
3507220	3509210 H2AZ_Rep2_peak_19001	108
3549653	3551768 H2AZ_Rep2_peak_19002	97
3628817	3629575 H2AZ_Rep2_peak_19003	32
3660641	3663340 H2AZ_Rep2_peak_19004	133
3695724	3696379 H2AZ_Rep2_peak_19006	15
3766518	3768384 H2AZ_Rep2_peak_19007	140
3930995	3931596 H2AZ_Rep2_peak_19008	90
3988570	3989703 H2AZ_Rep2_peak_19009	100
3995963	3996609 H2AZ_Rep2_peak_19010	54
3999403	4001152 H2AZ_Rep2_peak_19011	166
4010276	4011681 H2AZ_Rep2_peak_19013	43
4102766	4104491 H2AZ_Rep2_peak_19015	59
4165445	4167488 H2AZ_Rep2_peak_19018	100
4184061	4186892 H2AZ_Rep2_peak_19019	143
4184061	4186892 H2AZ_Rep2_peak_19019	143
4226954	4227362 H2AZ_Rep2_peak_19022	47
4233196	4234364 H2AZ_Rep2_peak_19024	36
4250010	4250668 H2AZ_Rep2_peak_19025	59



4262816	4264684 H2AZ_Rep2_peak_19026	60
4303207	4303848 H2AZ_Rep2_peak_19027	78
4321386	4324404 H2AZ_Rep2_peak_19028	46
4329379	4329811 H2AZ_Rep2_peak_19029	30
4338048	4338835 H2AZ_Rep2_peak_19030	29
4340453	4340887 H2AZ_Rep2_peak_19031	42
4343476	4344513 H2AZ_Rep2_peak_19032	61
4348974	4349786 H2AZ_Rep2_peak_19033	24
4357331	4360850 H2AZ_Rep2_peak_19034	49
4357331	4360850 H2AZ_Rep2_peak_19034	49
4365443	4367515 H2AZ_Rep2_peak_19035	22
4400591	4401773 H2AZ_Rep2_peak_19036	102
4452481	4452896 H2AZ_Rep2_peak_19037	67
4465438	4467273 H2AZ_Rep2_peak_19038	107
4474736	4476695 H2AZ_Rep2_peak_19039	167
4523871	4527393 H2AZ_Rep2_peak_19040	67
4587501	4589471 H2AZ_Rep2_peak_19041	104
4664015	4666891 H2AZ_Rep2_peak_19043	63
4673872	4675912 H2AZ_Rep2_peak_19044	115
4743062	4744276 H2AZ_Rep2_peak_19045	74
4783607	4785554 H2AZ_Rep2_peak_19046	134
4816405	4820161 H2AZ_Rep2_peak_19047	92
4851479	4853296 H2AZ_Rep2_peak_19048	108
4896391	4898594 H2AZ_Rep2_peak_19049	37
4985372	4987943 H2AZ_Rep2_peak_19051	58
4992382	4997224 H2AZ_Rep2_peak_19052	81
5006151	5008716 H2AZ_Rep2_peak_19053	39
5082880	5084773 H2AZ_Rep2_peak_19057	191
5120617	5122778 H2AZ_Rep2_peak_19059	174
5146900	5148992 H2AZ_Rep2_peak_19060	45
8162228	8163364 H2AZ_Rep2_peak_19066	51
8617782	8618525 H2AZ_Rep2_peak_19067	55
8714951	8716388 H2AZ_Rep2_peak_19069	221
8754698	8755135 H2AZ_Rep2_peak_19070	41
8890508	8892619 H2AZ_Rep2_peak_19071	87
8961648	8965583 H2AZ_Rep2_peak_19072	45
8961648	8965583 H2AZ_Rep2_peak_19072	45
8972033	8974300 H2AZ_Rep2_peak_19074	43
8978659	8979215 H2AZ_Rep2_peak_19075	55
9056274	9058415 H2AZ_Rep2_peak_19076	50
9060758	9061760 H2AZ_Rep2_peak_19077	68
9081187	9081528 H2AZ_Rep2_peak_19078	25
9085635	9086156 H2AZ_Rep2_peak_19079	89

9102402	9103144	H2AZ_Rep2_peak_19080	42
9161893	9162956	H2AZ_Rep2_peak_19083	55
9172958	9173420	H2AZ_Rep2_peak_19086	32
9171014	9171699	H2AZ_Rep2_peak_19085	80
9183886	9185035	H2AZ_Rep2_peak_19088	56
9221679	9222928	H2AZ_Rep2_peak_19090	50
9232907	9234100	H2AZ_Rep2_peak_19091	29
10422221	10422784	H2AZ_Rep2_peak_19098	106
10673639	10675219	H2AZ_Rep2_peak_19100	89
10691864	10692540	H2AZ_Rep2_peak_19101	42
10694758	10696328	H2AZ_Rep2_peak_19102	93
10703335	10705183	H2AZ_Rep2_peak_19103	51
10710536	10717000	H2AZ_Rep2_peak_19104	122
10710536	10717000	H2AZ_Rep2_peak_19104	122
10710536	10717000	H2AZ_Rep2_peak_19104	122
10719575	10720276	H2AZ_Rep2_peak_19105	48
10746378	10748005	H2AZ_Rep2_peak_19106	74
10762164	10762877	H2AZ_Rep2_peak_19107	20
10822933	10824487	H2AZ_Rep2_peak_19108	34
10831457	10832523	H2AZ_Rep2_peak_19109	16
10837203	10838614	H2AZ_Rep2_peak_19110	98
10921627	10924012	H2AZ_Rep2_peak_19111	92
10964188	10965840	H2AZ_Rep2_peak_19113	67
10971610	10973208	H2AZ_Rep2_peak_19114	63
11012179	11012683	H2AZ_Rep2_peak_19115	24
11035347	11039241	H2AZ_Rep2_peak_19116	63
11035347	11039241	H2AZ_Rep2_peak_19116	63
11047991	11048641	H2AZ_Rep2_peak_19117	29
11057884	11058502	H2AZ_Rep2_peak_19118	20
11110631	11111185	H2AZ_Rep2_peak_19119	27
11291722	11292874	H2AZ_Rep2_peak_19122	15
11295530	11296463	H2AZ_Rep2_peak_19123	54
11349349	11351670	H2AZ_Rep2_peak_19124	61
11397281	11397735	H2AZ_Rep2_peak_19125	27
11405835	11407225	H2AZ_Rep2_peak_19126	134
11438337	11439965	H2AZ_Rep2_peak_19127	100
11488679	11490986	H2AZ_Rep2_peak_19128	125
11501465	11501802	H2AZ_Rep2_peak_19129	61
11589544	11592788	H2AZ_Rep2_peak_19134	63
11600188	11600757	H2AZ_Rep2_peak_19135	56
11627847	11629808	H2AZ_Rep2_peak_19136	23
11679387	11682099	H2AZ_Rep2_peak_19137	62
11691087	11692350	H2AZ_Rep2_peak_19138	32

11705954	11708080	H2AZ_Rep2_peak_19139	68
11724208	11724849	H2AZ_Rep2_peak_19143	34
11720979	11722519	H2AZ_Rep2_peak_19142	35
11732922	11736950	H2AZ_Rep2_peak_19145	80
11758818	11762181	H2AZ_Rep2_peak_19147	63
11835707	11837842	H2AZ_Rep2_peak_19149	33
11891278	11892467	H2AZ_Rep2_peak_19150	113
11903919	11904229	H2AZ_Rep2_peak_19151	16
11944755	11946240	H2AZ_Rep2_peak_19152	115
12008439	12011165	H2AZ_Rep2_peak_19153	76
12049541	12050178	H2AZ_Rep2_peak_19155	44
12069652	12071706	H2AZ_Rep2_peak_19158	98
12130733	12131138	H2AZ_Rep2_peak_19159	50
12156216	12157082	H2AZ_Rep2_peak_19160	52
12622381	12624224	H2AZ_Rep2_peak_19161	131
12897056	12898649	H2AZ_Rep2_peak_19162	39
14000349	14000874	H2AZ_Rep2_peak_19163	21
14012036	14014823	H2AZ_Rep2_peak_19165	127
14049268	14053055	H2AZ_Rep2_peak_19166	71
14055178	14055541	H2AZ_Rep2_peak_19167	32
14086887	14088784	H2AZ_Rep2_peak_19168	23
14106954	14108024	H2AZ_Rep2_peak_19171	44
14144306	14145566	H2AZ_Rep2_peak_19173	45
14164198	14166226	H2AZ_Rep2_peak_19174	212
14377499	14380834	H2AZ_Rep2_peak_19175	75
14394731	14399156	H2AZ_Rep2_peak_19176	35
14401105	14402278	H2AZ_Rep2_peak_19177	88
14457079	14459111	H2AZ_Rep2_peak_19179	76
14472349	14473333	H2AZ_Rep2_peak_19181	62
14476299	14476813	H2AZ_Rep2_peak_19182	23
14493083	14494047	H2AZ_Rep2_peak_19183	28
14579430	14580481	H2AZ_Rep2_peak_19185	14
14595295	14595789	H2AZ_Rep2_peak_19186	67
14723555	14724583	H2AZ_Rep2_peak_19187	58
14726353	14727051	H2AZ_Rep2_peak_19188	23
14779919	14780668	H2AZ_Rep2_peak_19189	55
15063947	15065818	H2AZ_Rep2_peak_19191	27
15067698	15070077	H2AZ_Rep2_peak_19192	70
15148869	15150566	H2AZ_Rep2_peak_19193	74
15187698	15188814	H2AZ_Rep2_peak_19194	84
15521607	15522051	H2AZ_Rep2_peak_19198	27
15531494	15534778	H2AZ_Rep2_peak_19199	38
15531494	15534778	H2AZ_Rep2_peak_19199	38

15556267	15556934	H2AZ_Rep2_peak_19200	41
15575788	15576334	H2AZ_Rep2_peak_19202	57
15595774	15596459	H2AZ_Rep2_peak_19208	63
15600746	15601654	H2AZ_Rep2_peak_19209	36
15612079	15612851	H2AZ_Rep2_peak_19210	20
15644387	15645537	H2AZ_Rep2_peak_19211	55
15670419	15671354	H2AZ_Rep2_peak_19213	19
15701680	15702502	H2AZ_Rep2_peak_19215	22
15735780	15737954	H2AZ_Rep2_peak_19216	53
15743308	15745022	H2AZ_Rep2_peak_19217	77
15981890	15983289	H2AZ_Rep2_peak_19221	135
15991649	15995266	H2AZ_Rep2_peak_19222	40
16022335	16022846	H2AZ_Rep2_peak_19223	53
16039988	16040913	H2AZ_Rep2_peak_19225	47
16042784	16044742	H2AZ_Rep2_peak_19226	81
18801287	18802154	H2AZ_Rep2_peak_19230	69
18811971	18813596	H2AZ_Rep2_peak_19231	48
18937618	18939148	H2AZ_Rep2_peak_19232	38
18956903	18958065	H2AZ_Rep2_peak_19233	118
18970299	18970632	H2AZ_Rep2_peak_19234	34
18979979	18980768	H2AZ_Rep2_peak_19235	26
18994634	18996066	H2AZ_Rep2_peak_19237	115
19016999	19017611	H2AZ_Rep2_peak_19239	37
19078298	19079816	H2AZ_Rep2_peak_19240	62
19097698	19098374	H2AZ_Rep2_peak_19241	38
19124674	19126462	H2AZ_Rep2_peak_19245	78
19141815	19144546	H2AZ_Rep2_peak_19246	48
19147204	19150105	H2AZ_Rep2_peak_19247	49
19164896	19165806	H2AZ_Rep2_peak_19248	162
19179090	19179998	H2AZ_Rep2_peak_19249	105
19194674	19196566	H2AZ_Rep2_peak_19250	55
19404635	19405137	H2AZ_Rep2_peak_19256	48
19407598	19408496	H2AZ_Rep2_peak_19257	25
19418500	19419021	H2AZ_Rep2_peak_19258	13
19421300	19423032	H2AZ_Rep2_peak_19259	75
19532400	19536334	H2AZ_Rep2_peak_19261	100
19532400	19536334	H2AZ_Rep2_peak_19261	100
19566254	19568011	H2AZ_Rep2_peak_19262	131
19728654	19730743	H2AZ_Rep2_peak_19265	164
19895919	19898681	H2AZ_Rep2_peak_19267	56
19909583	19910959	H2AZ_Rep2_peak_19268	15
19918642	19919227	H2AZ_Rep2_peak_19269	32
20752358	20753766	H2AZ_Rep2_peak_19272	101

20774783	20775531	H2AZ_Rep2_peak_19273	50
20817179	20818867	H2AZ_Rep2_peak_19274	162
20877009	20877828	H2AZ_Rep2_peak_19275	21
20910825	20912939	H2AZ_Rep2_peak_19276	57
20925211	20925539	H2AZ_Rep2_peak_19278	14
21169261	21170807	H2AZ_Rep2_peak_19281	174
21199633	21200462	H2AZ_Rep2_peak_19282	137
21311672	21313916	H2AZ_Rep2_peak_19283	126
21530970	21533506	H2AZ_Rep2_peak_19285	38
21563951	21567116	H2AZ_Rep2_peak_19287	115
21608952	21612034	H2AZ_Rep2_peak_19289	97
21963604	21965318	H2AZ_Rep2_peak_19291	206
22012113	22012907	H2AZ_Rep2_peak_19293	62
22018298	22020386	H2AZ_Rep2_peak_19294	67
22110113	22110684	H2AZ_Rep2_peak_19296	25
22199596	22203478	H2AZ_Rep2_peak_19298	84
22207171	22207797	H2AZ_Rep2_peak_19299	120
22209926	22211453	H2AZ_Rep2_peak_19300	66
22216172	22218698	H2AZ_Rep2_peak_19302	35
22243849	22244494	H2AZ_Rep2_peak_19303	48
22307424	22309588	H2AZ_Rep2_peak_19304	79
22383376	22386858	H2AZ_Rep2_peak_19305	65
23159522	23161577	H2AZ_Rep2_peak_19311	140
23308430	23308988	H2AZ_Rep2_peak_19314	41
23463554	23464957	H2AZ_Rep2_peak_19317	213
23521823	23522325	H2AZ_Rep2_peak_19318	42
23567565	23569917	H2AZ_Rep2_peak_19319	64
23607002	23608833	H2AZ_Rep2_peak_19320	82
23651637	23653310	H2AZ_Rep2_peak_19321	120
23688437	23691629	H2AZ_Rep2_peak_19322	102
23738987	23739462	H2AZ_Rep2_peak_19324	29
24057059	24059656	H2AZ_Rep2_peak_19328	22
24087806	24088239	H2AZ_Rep2_peak_19329	39
24297921	24298699	H2AZ_Rep2_peak_19335	73
24319433	24323437	H2AZ_Rep2_peak_19338	91
24329895	24330819	H2AZ_Rep2_peak_19340	28
24354646	24357251	H2AZ_Rep2_peak_19341	35
24354646	24357251	H2AZ_Rep2_peak_19341	35
24360329	24360657	H2AZ_Rep2_peak_19342	14
24442006	24442336	H2AZ_Rep2_peak_19347	28
24500960	24503383	H2AZ_Rep2_peak_19349	21
24504741	24505836	H2AZ_Rep2_peak_19350	31
24507956	24511797	H2AZ_Rep2_peak_19351	45

24507956	24511797	H2AZ_Rep2_peak_19351	45
24515732	24516338	H2AZ_Rep2_peak_19352	76
24528545	24528886	H2AZ_Rep2_peak_19353	52
24550138	24551678	H2AZ_Rep2_peak_19356	152
24596842	24597203	H2AZ_Rep2_peak_19357	58
24712189	24713364	H2AZ_Rep2_peak_19360	50
24740044	24741461	H2AZ_Rep2_peak_19361	48
24850007	24850741	H2AZ_Rep2_peak_19362	114
24855349	24856396	H2AZ_Rep2_peak_19363	61
25025695	25027354	H2AZ_Rep2_peak_19365	98
25041926	25043934	H2AZ_Rep2_peak_19366	123
25047158	25048106	H2AZ_Rep2_peak_19368	34
25059198	25061730	H2AZ_Rep2_peak_19369	36
25117734	25119467	H2AZ_Rep2_peak_19372	128
25121168	25123807	H2AZ_Rep2_peak_19373	100
25236478	25237293	H2AZ_Rep2_peak_19374	51
25268012	25270197	H2AZ_Rep2_peak_19376	85
25442618	25443944	H2AZ_Rep2_peak_19381	25
25504522	25504990	H2AZ_Rep2_peak_19383	27
27120853	27121796	H2AZ_Rep2_peak_19388	24
27214285	27216063	H2AZ_Rep2_peak_19390	231
27279386	27281246	H2AZ_Rep2_peak_19392	88
27297347	27298217	H2AZ_Rep2_peak_19393	19
27324161	27326883	H2AZ_Rep2_peak_19395	36
27338126	27339109	H2AZ_Rep2_peak_19396	20
27560623	27561946	H2AZ_Rep2_peak_19401	122
28222277	28224390	H2AZ_Rep2_peak_19406	134
28289018	28289662	H2AZ_Rep2_peak_19408	133
28302815	28304257	H2AZ_Rep2_peak_19409	256
28502552	28504324	H2AZ_Rep2_peak_19414	179
28543507	28544548	H2AZ_Rep2_peak_19415	14
28549949	28551755	H2AZ_Rep2_peak_19417	132
28564545	28566368	H2AZ_Rep2_peak_19419	96
28634378	28635004	H2AZ_Rep2_peak_19420	118
28833466	28835989	H2AZ_Rep2_peak_19421	58
28857146	28858837	H2AZ_Rep2_peak_19422	118
28874713	28875905	H2AZ_Rep2_peak_19423	88
28890620	28891826	H2AZ_Rep2_peak_19424	93
28935718	28937636	H2AZ_Rep2_peak_19426	78
28955378	28957563	H2AZ_Rep2_peak_19427	120
28958896	28960293	H2AZ_Rep2_peak_19428	106
28961507	28962635	H2AZ_Rep2_peak_19429	37
28985357	28986921	H2AZ_Rep2_peak_19430	188

29126281	29127029	H2AZ_Rep2_peak_19434	148
29215729	29216214	H2AZ_Rep2_peak_19437	41
29301950	29303182	H2AZ_Rep2_peak_19438	26
29624503	29625040	H2AZ_Rep2_peak_19440	41
29656027	29657538	H2AZ_Rep2_peak_19441	26
29702864	29703517	H2AZ_Rep2_peak_19442	185
29721543	29721961	H2AZ_Rep2_peak_19443	16
29740384	29740863	H2AZ_Rep2_peak_19444	60
29769176	29769893	H2AZ_Rep2_peak_19445	27
29787016	29787373	H2AZ_Rep2_peak_19448	40
29801212	29802853	H2AZ_Rep2_peak_19451	179
29816280	29817203	H2AZ_Rep2_peak_19452	53
29822702	29823287	H2AZ_Rep2_peak_19453	66
29826935	29828665	H2AZ_Rep2_peak_19454	117
29836554	29837037	H2AZ_Rep2_peak_19456	40
29873716	29876510	H2AZ_Rep2_peak_19457	87
29909965	29913208	H2AZ_Rep2_peak_19458	60
29936573	29938492	H2AZ_Rep2_peak_19459	135
29954133	29956746	H2AZ_Rep2_peak_19460	46
29972438	29974500	H2AZ_Rep2_peak_19461	123
29984416	29986302	H2AZ_Rep2_peak_19462	59
30006140	30008236	H2AZ_Rep2_peak_19463	125
30032578	30033360	H2AZ_Rep2_peak_19464	49
30063173	30066088	H2AZ_Rep2_peak_19465	50
30074903	30079063	H2AZ_Rep2_peak_19466	55
30101206	30104270	H2AZ_Rep2_peak_19467	84
30107075	30108234	H2AZ_Rep2_peak_19468	151
30123846	30125531	H2AZ_Rep2_peak_19469	55
30132946	30136164	H2AZ_Rep2_peak_19470	41
30193688	30195027	H2AZ_Rep2_peak_19472	47
30346614	30347357	H2AZ_Rep2_peak_19473	87
30365897	30367546	H2AZ_Rep2_peak_19474	96
30382453	30383909	H2AZ_Rep2_peak_19476	36
30388609	30390680	H2AZ_Rep2_peak_19477	89
30406379	30407888	H2AZ_Rep2_peak_19478	93
30411376	30413161	H2AZ_Rep2_peak_19479	77
30418193	30419688	H2AZ_Rep2_peak_19480	52
30440443	30442342	H2AZ_Rep2_peak_19482	174
30456289	30459060	H2AZ_Rep2_peak_19484	110
30538158	30539352	H2AZ_Rep2_peak_19491	82
30545356	30547616	H2AZ_Rep2_peak_19492	95
30568780	30571385	H2AZ_Rep2_peak_19493	97
30578558	30579996	H2AZ_Rep2_peak_19494	15

30582346	30584002	H2AZ_Rep2_peak_19495	121
30596188	30597827	H2AZ_Rep2_peak_19496	114
30620680	30622367	H2AZ_Rep2_peak_19498	162
30639522	30641805	H2AZ_Rep2_peak_19500	37
30645181	30646383	H2AZ_Rep2_peak_19501	71
30661186	30663445	H2AZ_Rep2_peak_19502	143
30668631	30671567	H2AZ_Rep2_peak_19503	52
30704907	30705414	H2AZ_Rep2_peak_19504	37
30708793	30711580	H2AZ_Rep2_peak_19505	83
30758732	30760025	H2AZ_Rep2_peak_19506	61
30772684	30774068	H2AZ_Rep2_peak_19507	150
30786295	30787735	H2AZ_Rep2_peak_19508	44
30797558	30799412	H2AZ_Rep2_peak_19509	148
30816248	30817858	H2AZ_Rep2_peak_19512	174
30825089	30826665	H2AZ_Rep2_peak_19513	153
30854996	30856930	H2AZ_Rep2_peak_19514	122
30885740	30888288	H2AZ_Rep2_peak_19515	92
30904732	30906695	H2AZ_Rep2_peak_19516	127
30912691	30916200	H2AZ_Rep2_peak_19517	59
30932939	30934718	H2AZ_Rep2_peak_19518	167
30953043	30953836	H2AZ_Rep2_peak_19519	65
30960106	30961926	H2AZ_Rep2_peak_19520	21
30968230	30969394	H2AZ_Rep2_peak_19521	96
30996551	30997579	H2AZ_Rep2_peak_19522	50
31012152	31012485	H2AZ_Rep2_peak_19524	34
31007600	31010926	H2AZ_Rep2_peak_19523	81
31036982	31037356	H2AZ_Rep2_peak_19525	43
31043836	31045710	H2AZ_Rep2_peak_19526	195
31083114	31086315	H2AZ_Rep2_peak_19528	67
31105317	31108103	H2AZ_Rep2_peak_19529	81
31117054	31117593	H2AZ_Rep2_peak_19531	159
31118889	31120288	H2AZ_Rep2_peak_19532	77
31128945	31129655	H2AZ_Rep2_peak_19533	39
31149483	31150843	H2AZ_Rep2_peak_19534	172
31152831	31154345	H2AZ_Rep2_peak_19535	83
31160767	31162251	H2AZ_Rep2_peak_19536	122
31190315	31191834	H2AZ_Rep2_peak_19538	139
31226590	31227343	H2AZ_Rep2_peak_19539	61
31232373	31233393	H2AZ_Rep2_peak_19540	48
31414696	31416586	H2AZ_Rep2_peak_19544	100
31454014	31455682	H2AZ_Rep2_peak_19545	89
31469518	31471939	H2AZ_Rep2_peak_19547	60
31482463	31484302	H2AZ_Rep2_peak_19548	67



31518844	31520554	H2AZ_Rep2_peak_19549	89
31710392	31712611	H2AZ_Rep2_peak_19552	59
31724105	31725809	H2AZ_Rep2_peak_19553	74
31880192	31882196	H2AZ_Rep2_peak_19554	30
31883601	31885789	H2AZ_Rep2_peak_19555	38
46654387	46655813	H2AZ_Rep2_peak_19567	139
46661915	46664238	H2AZ_Rep2_peak_19568	87
46722156	46724644	H2AZ_Rep2_peak_19570	119
46822999	46825257	H2AZ_Rep2_peak_19573	98
46863944	46865831	H2AZ_Rep2_peak_19574	45
46888054	46888431	H2AZ_Rep2_peak_19575	30
46893459	46894834	H2AZ_Rep2_peak_19576	47
46898162	46898775	H2AZ_Rep2_peak_19577	62
46916532	46918994	H2AZ_Rep2_peak_19578	100
47006444	47008728	H2AZ_Rep2_peak_19580	59
47051690	47052543	H2AZ_Rep2_peak_19581	25
47071292	47072500	H2AZ_Rep2_peak_19583	100
47175887	47178722	H2AZ_Rep2_peak_19584	54
47494189	47496208	H2AZ_Rep2_peak_19586	117
48190530	48190987	H2AZ_Rep2_peak_19592	20
48198830	48200349	H2AZ_Rep2_peak_19593	36
48277448	48279425	H2AZ_Rep2_peak_19594	124
48418118	48421121	H2AZ_Rep2_peak_19596	65
48442501	48445656	H2AZ_Rep2_peak_19597	103
48478686	48480630	H2AZ_Rep2_peak_19601	152
48486963	48487877	H2AZ_Rep2_peak_19602	32
48532047	48534434	H2AZ_Rep2_peak_19605	23
48558330	48561059	H2AZ_Rep2_peak_19606	43
48643283	48647633	H2AZ_Rep2_peak_19607	153
48643283	48647633	H2AZ_Rep2_peak_19607	153
48656763	48658003	H2AZ_Rep2_peak_19608	126
48662840	48664481	H2AZ_Rep2_peak_19609	35
50057780	50060207	H2AZ_Rep2_peak_19619	102
50099045	50100947	H2AZ_Rep2_peak_19620	140
50185343	50188487	H2AZ_Rep2_peak_19623	87
50278382	50280706	H2AZ_Rep2_peak_19624	108
50297766	50301300	H2AZ_Rep2_peak_19625	111
50402203	50404104	H2AZ_Rep2_peak_19626	60
50699055	50699437	H2AZ_Rep2_peak_19630	30
50730434	50733893	H2AZ_Rep2_peak_19632	33
50775031	50777236	H2AZ_Rep2_peak_19634	93
50839811	50840777	H2AZ_Rep2_peak_19635	171
51795954	51796718	H2AZ_Rep2_peak_19639	29

51913473	51914766	H2AZ_Rep2_peak_19642	27
51932881	51933481	H2AZ_Rep2_peak_19643	20
51969952	51972042	H2AZ_Rep2_peak_19644	30
53086356	53090169	H2AZ_Rep2_peak_19645	111
53127918	53128563	H2AZ_Rep2_peak_19646	34
53132796	53134643	H2AZ_Rep2_peak_19647	35
53163756	53165967	H2AZ_Rep2_peak_19648	50
53241865	53242696	H2AZ_Rep2_peak_19649	104
53467540	53469643	H2AZ_Rep2_peak_19650	219
53536141	53539194	H2AZ_Rep2_peak_19651	62
53737210	53738580	H2AZ_Rep2_peak_19656	146
54111279	54111894	H2AZ_Rep2_peak_19660	60
54154879	54155713	H2AZ_Rep2_peak_19661	32
54169306	54170635	H2AZ_Rep2_peak_19662	66
54226004	54228232	H2AZ_Rep2_peak_19664	65
54319078	54321317	H2AZ_Rep2_peak_19668	58
54464846	54465413	H2AZ_Rep2_peak_19670	25
54480262	54482146	H2AZ_Rep2_peak_19672	28
54682417	54682888	H2AZ_Rep2_peak_19674	15
54691471	54691970	H2AZ_Rep2_peak_19675	36
54961855	54965773	H2AZ_Rep2_peak_19676	75
55504311	55506115	H2AZ_Rep2_peak_19682	38
55533995	55537330	H2AZ_Rep2_peak_19684	36
55533995	55537330	H2AZ_Rep2_peak_19684	36
55542907	55543326	H2AZ_Rep2_peak_19685	64
55768619	55769432	H2AZ_Rep2_peak_19687	30
55807802	55808151	H2AZ_Rep2_peak_19690	30
55869860	55870880	H2AZ_Rep2_peak_19692	23
56280249	56280817	H2AZ_Rep2_peak_19696	44
56389379	56391556	H2AZ_Rep2_peak_19698	65
56457859	56460358	H2AZ_Rep2_peak_19699	18
56484737	56486222	H2AZ_Rep2_peak_19700	110
56553305	56555555	H2AZ_Rep2_peak_19701	124
56572963	56574439	H2AZ_Rep2_peak_19702	53
56610854	56611379	H2AZ_Rep2_peak_19704	23
56634262	56635514	H2AZ_Rep2_peak_19706	25
56639078	56642267	H2AZ_Rep2_peak_19707	29
56644087	56645797	H2AZ_Rep2_peak_19708	35
56658935	56661302	H2AZ_Rep2_peak_19709	122
56676950	56677937	H2AZ_Rep2_peak_19710	55
56690896	56692381	H2AZ_Rep2_peak_19711	41
56715562	56717336	H2AZ_Rep2_peak_19712	162
56722606	56725166	H2AZ_Rep2_peak_19713	46

56735460	56736863	H2AZ_Rep2_peak_19714	27
56762861	56764776	H2AZ_Rep2_peak_19715	122
56882083	56886758	H2AZ_Rep2_peak_19716	40
56893683	56901651	H2AZ_Rep2_peak_19717	40
56893683	56901651	H2AZ_Rep2_peak_19717	40
56964495	56967107	H2AZ_Rep2_peak_19719	46
56998206	57000476	H2AZ_Rep2_peak_19721	120
57018794	57020173	H2AZ_Rep2_peak_19723	66
57022647	57026053	H2AZ_Rep2_peak_19724	85
57094710	57095774	H2AZ_Rep2_peak_19725	102
57125096	57127307	H2AZ_Rep2_peak_19727	36
57219163	57221725	H2AZ_Rep2_peak_19728	73
57278162	57279539	H2AZ_Rep2_peak_19729	64
57317260	57319491	H2AZ_Rep2_peak_19732	69
57326039	57327194	H2AZ_Rep2_peak_19733	68
57332797	57335434	H2AZ_Rep2_peak_19734	91
57336688	57338660	H2AZ_Rep2_peak_19735	81
57347445	57351361	H2AZ_Rep2_peak_19737	23
57413437	57414297	H2AZ_Rep2_peak_19741	59
57417539	57418632	H2AZ_Rep2_peak_19742	115
57421915	57423846	H2AZ_Rep2_peak_19743	63
57443857	57444695	H2AZ_Rep2_peak_19745	103
57450590	57453335	H2AZ_Rep2_peak_19746	82
57456170	57456789	H2AZ_Rep2_peak_19747	26
57480516	57482139	H2AZ_Rep2_peak_19748	89
57496284	57498158	H2AZ_Rep2_peak_19749	88
57513748	57514903	H2AZ_Rep2_peak_19750	66
57518845	57521752	H2AZ_Rep2_peak_19751	93
57569506	57570956	H2AZ_Rep2_peak_19754	100
57596827	57599027	H2AZ_Rep2_peak_19756	41
57610377	57610945	H2AZ_Rep2_peak_19757	38
57624262	57625608	H2AZ_Rep2_peak_19758	72
57634042	57634724	H2AZ_Rep2_peak_19759	116
57640629	57645985	H2AZ_Rep2_peak_19760	29
57652044	57658854	H2AZ_Rep2_peak_19761	47
57652044	57658854	H2AZ_Rep2_peak_19761	47
57709536	57710333	H2AZ_Rep2_peak_19765	35
57727558	57729387	H2AZ_Rep2_peak_19767	17
57768539	57771035	H2AZ_Rep2_peak_19770	117
57835819	57837618	H2AZ_Rep2_peak_19771	82
57849230	57850830	H2AZ_Rep2_peak_19773	84
57855075	57855677	H2AZ_Rep2_peak_19775	38
57857607	57860091	H2AZ_Rep2_peak_19776	43

57879736	57880900	H2AZ_Rep2_peak_19777	51
57896590	57897838	H2AZ_Rep2_peak_19779	40
57926519	57928976	H2AZ_Rep2_peak_19781	43
57937783	57938342	H2AZ_Rep2_peak_19783	31
57943805	57946736	H2AZ_Rep2_peak_19785	18
57950124	57951433	H2AZ_Rep2_peak_19786	27
57965482	57967182	H2AZ_Rep2_peak_19787	58
57969744	57971108	H2AZ_Rep2_peak_19788	25
57972467	57975417	H2AZ_Rep2_peak_19789	63
57979704	57981006	H2AZ_Rep2_peak_19790	15
58008803	58010725	H2AZ_Rep2_peak_19793	21
58033824	58035712	H2AZ_Rep2_peak_19794	74
58058242	58061760	H2AZ_Rep2_peak_19795	79
58162540	58164429	H2AZ_Rep2_peak_19798	92
58231059	58233197	H2AZ_Rep2_peak_19800	69
58269605	58272073	H2AZ_Rep2_peak_19802	76
58277490	58278593	H2AZ_Rep2_peak_19803	12
58282668	58285226	H2AZ_Rep2_peak_19804	133
58298848	58299567	H2AZ_Rep2_peak_19805	82
58351755	58353580	H2AZ_Rep2_peak_19807	18
58370589	58371369	H2AZ_Rep2_peak_19808	39
58425814	58427439	H2AZ_Rep2_peak_19812	132
58492829	58493793	H2AZ_Rep2_peak_19814	37
58521449	58522747	H2AZ_Rep2_peak_19815	51
58547898	58549998	H2AZ_Rep2_peak_19816	129
58663038	58664955	H2AZ_Rep2_peak_19817	151
58671978	58672914	H2AZ_Rep2_peak_19818	25
58717846	58719216	H2AZ_Rep2_peak_19820	221
58767162	58768891	H2AZ_Rep2_peak_19821	147
58789911	58790462	H2AZ_Rep2_peak_19823	44
59912582	59912991	H2AZ_Rep2_peak_19825	13
60026809	60027542	H2AZ_Rep2_peak_19828	12
61797426	61798284	H2AZ_Rep2_peak_19831	13
61921420	61922287	H2AZ_Rep2_peak_19833	20
61974348	61974705	H2AZ_Rep2_peak_19835	16
66392820	66394062	H2AZ_Rep2_peak_19841	29
66401898	66402922	H2AZ_Rep2_peak_19842	14
66404479	66405301	H2AZ_Rep2_peak_19843	57
66412709	66417931	H2AZ_Rep2_peak_19844	58
66412709	66417931	H2AZ_Rep2_peak_19844	58
66440008	66442972	H2AZ_Rep2_peak_19847	180
66467739	66468904	H2AZ_Rep2_peak_19848	24
66510425	66514149	H2AZ_Rep2_peak_19850	102

66510425	66514149 H2AZ_Rep2_peak_19850	102
66550863	66551668 H2AZ_Rep2_peak_19853	81
66583198	66587098 H2AZ_Rep2_peak_19854	156
66583198	66587098 H2AZ_Rep2_peak_19854	156
66642677	66643117 H2AZ_Rep2_peak_19855	61
66694417	66695471 H2AZ_Rep2_peak_19856	20
66729687	66731532 H2AZ_Rep2_peak_19857	120
66784767	66786633 H2AZ_Rep2_peak_19859	166
66864375	66867916 H2AZ_Rep2_peak_19861	81
66905951	66908239 H2AZ_Rep2_peak_19863	134
66913632	66915203 H2AZ_Rep2_peak_19864	203
66932811	66935361 H2AZ_Rep2_peak_19866	102
66966670	66968824 H2AZ_Rep2_peak_19869	84
66987734	66988065 H2AZ_Rep2_peak_19870	24
66994669	66996049 H2AZ_Rep2_peak_19871	136
67054701	67057011 H2AZ_Rep2_peak_19876	54
67054701	67057011 H2AZ_Rep2_peak_19876	54
67062177	67064049 H2AZ_Rep2_peak_19877	137
67142842	67144487 H2AZ_Rep2_peak_19878	201
67184418	67185750 H2AZ_Rep2_peak_19879	35
67193176	67195395 H2AZ_Rep2_peak_19880	50
67197142	67198783 H2AZ_Rep2_peak_19881	76
67203796	67205394 H2AZ_Rep2_peak_19882	48
67207096	67208314 H2AZ_Rep2_peak_19883	50
67212061	67212764 H2AZ_Rep2_peak_19884	72
67217138	67219770 H2AZ_Rep2_peak_19885	95
67224341	67227259 H2AZ_Rep2_peak_19886	68
67247004	67247423 H2AZ_Rep2_peak_19888	26
67260248	67261636 H2AZ_Rep2_peak_19889	113
67274734	67275751 H2AZ_Rep2_peak_19890	43
67279939	67282243 H2AZ_Rep2_peak_19891	59
67312378	67314245 H2AZ_Rep2_peak_19894	68
67344586	67349091 H2AZ_Rep2_peak_19897	46
67376631	67381353 H2AZ_Rep2_peak_19900	22
67429333	67431040 H2AZ_Rep2_peak_19906	49
67462362	67465903 H2AZ_Rep2_peak_19907	59
67514340	67516643 H2AZ_Rep2_peak_19908	113
67537590	67538588 H2AZ_Rep2_peak_19909	24
67548517	67550805 H2AZ_Rep2_peak_19910	20
67554731	67555701 H2AZ_Rep2_peak_19911	173
67562096	67564419 H2AZ_Rep2_peak_19912	59
67589723	67590163 H2AZ_Rep2_peak_19913	14
67595487	67597792 H2AZ_Rep2_peak_19914	54

67693227	67695389	H2AZ_Rep2_peak_19915	182
67699656	67701179	H2AZ_Rep2_peak_19916	83
67752174	67755294	H2AZ_Rep2_peak_19918	127
67839192	67841634	H2AZ_Rep2_peak_19919	114
67850271	67850613	H2AZ_Rep2_peak_19921	17
67866878	67868480	H2AZ_Rep2_peak_19922	121
67875247	67876928	H2AZ_Rep2_peak_19923	186
67879640	67881512	H2AZ_Rep2_peak_19924	60
67906403	67907610	H2AZ_Rep2_peak_19925	104
67926463	67927809	H2AZ_Rep2_peak_19926	103
67969131	67971336	H2AZ_Rep2_peak_19927	101
68001526	68003125	H2AZ_Rep2_peak_19928	53
68025761	68028194	H2AZ_Rep2_peak_19929	84
68039403	68040653	H2AZ_Rep2_peak_19930	85
68056124	68057818	H2AZ_Rep2_peak_19933	203
68118645	68120956	H2AZ_Rep2_peak_19934	85
68268832	68272080	H2AZ_Rep2_peak_19935	73
68278556	68280070	H2AZ_Rep2_peak_19936	153
68291365	68292518	H2AZ_Rep2_peak_19937	65
68297263	68299755	H2AZ_Rep2_peak_19938	74
68343648	68345566	H2AZ_Rep2_peak_19939	169
68361488	68363031	H2AZ_Rep2_peak_19940	18
68450729	68452183	H2AZ_Rep2_peak_19943	48
68504170	68504500	H2AZ_Rep2_peak_19944	37
68572579	68574491	H2AZ_Rep2_peak_19946	153
68669806	68671413	H2AZ_Rep2_peak_19948	65
68674691	68675635	H2AZ_Rep2_peak_19949	74
68692070	68693197	H2AZ_Rep2_peak_19950	143
68740216	68742390	H2AZ_Rep2_peak_19951	96
68765594	68766796	H2AZ_Rep2_peak_19952	59
68794587	68795709	H2AZ_Rep2_peak_19955	77
68876869	68878625	H2AZ_Rep2_peak_19957	173
69106619	69107937	H2AZ_Rep2_peak_19963	58
69123136	69123870	H2AZ_Rep2_peak_19964	43
69139345	69140594	H2AZ_Rep2_peak_19965	90
69166403	69167172	H2AZ_Rep2_peak_19966	63
69207098	69207766	H2AZ_Rep2_peak_19967	41
69220250	69222361	H2AZ_Rep2_peak_19969	141
69344474	69346069	H2AZ_Rep2_peak_19970	56
69364047	69365031	H2AZ_Rep2_peak_19971	45
69372706	69374393	H2AZ_Rep2_peak_19972	87
69419142	69421017	H2AZ_Rep2_peak_19973	45
69451421	69453185	H2AZ_Rep2_peak_19977	33

69457907	69459060	H2AZ_Rep2_peak_19978	96
69511016	69511774	H2AZ_Rep2_peak_19979	20
69513711	69516786	H2AZ_Rep2_peak_19980	25
69554901	69558381	H2AZ_Rep2_peak_19984	34
69563358	69564946	H2AZ_Rep2_peak_19985	59
69566566	69567437	H2AZ_Rep2_peak_19986	87
69597618	69601087	H2AZ_Rep2_peak_19989	39
69759085	69762037	H2AZ_Rep2_peak_19990	32
69788182	69789244	H2AZ_Rep2_peak_19991	147
69795607	69796947	H2AZ_Rep2_peak_19992	83
70099467	70100934	H2AZ_Rep2_peak_19995	25
70147712	70148829	H2AZ_Rep2_peak_19996	39
70284866	70285674	H2AZ_Rep2_peak_19997	34
70321648	70325227	H2AZ_Rep2_peak_19998	46
70332433	70333802	H2AZ_Rep2_peak_19999	114
70380605	70381498	H2AZ_Rep2_peak_20000	127
70414159	70415820	H2AZ_Rep2_peak_20001	75
70461794	70463035	H2AZ_Rep2_peak_20002	37
70471884	70474106	H2AZ_Rep2_peak_20003	115
70487311	70489382	H2AZ_Rep2_peak_20004	102
70504967	70505267	H2AZ_Rep2_peak_20005	31
70556361	70558463	H2AZ_Rep2_peak_20007	61
70687457	70688520	H2AZ_Rep2_peak_20009	85
70834254	70836061	H2AZ_Rep2_peak_20013	183
70838272	70838700	H2AZ_Rep2_peak_20014	44
71322486	71324258	H2AZ_Rep2_peak_20015	88
71371576	71373086	H2AZ_Rep2_peak_20016	45
71391503	71392989	H2AZ_Rep2_peak_20017	34
71495402	71496865	H2AZ_Rep2_peak_20018	279
71517805	71519095	H2AZ_Rep2_peak_20019	118
71598383	71599556	H2AZ_Rep2_peak_20020	36
71741761	71742424	H2AZ_Rep2_peak_20021	26
71756649	71758368	H2AZ_Rep2_peak_20022	73
71841796	71843814	H2AZ_Rep2_peak_20023	120
71850352	71851292	H2AZ_Rep2_peak_20024	48
71879137	71880640	H2AZ_Rep2_peak_20025	62
71916597	71919356	H2AZ_Rep2_peak_20026	141
71927852	71930281	H2AZ_Rep2_peak_20027	75
72041802	72043173	H2AZ_Rep2_peak_20030	176
72126434	72128565	H2AZ_Rep2_peak_20031	102
72158562	72159512	H2AZ_Rep2_peak_20032	34
72223206	72224659	H2AZ_Rep2_peak_20034	41
72324902	72325368	H2AZ_Rep2_peak_20035	27

72697923	72699674	H2AZ_Rep2_peak_20037	84
72882924	72883487	H2AZ_Rep2_peak_20038	40
73023965	73024620	H2AZ_Rep2_peak_20040	64
73081181	73082925	H2AZ_Rep2_peak_20043	35
73087419	73089934	H2AZ_Rep2_peak_20044	69
73097862	73098538	H2AZ_Rep2_peak_20046	33
73104370	73105744	H2AZ_Rep2_peak_20048	17
73126517	73131130	H2AZ_Rep2_peak_20049	50
73126517	73131130	H2AZ_Rep2_peak_20049	50
73145617	73147670	H2AZ_Rep2_peak_20050	39
73156544	73160480	H2AZ_Rep2_peak_20051	35
73156544	73160480	H2AZ_Rep2_peak_20051	35
73176111	73176699	H2AZ_Rep2_peak_20052	14
73204524	73207742	H2AZ_Rep2_peak_20054	52
73266388	73267896	H2AZ_Rep2_peak_20055	56
74329690	74331338	H2AZ_Rep2_peak_20066	94
74401319	74402425	H2AZ_Rep2_peak_20067	34
74639972	74642222	H2AZ_Rep2_peak_20070	112
74700455	74701871	H2AZ_Rep2_peak_20071	95
74734051	74736079	H2AZ_Rep2_peak_20072	124
74763669	74764726	H2AZ_Rep2_peak_20074	35
74770465	74779157	H2AZ_Rep2_peak_20075	64
74770465	74779157	H2AZ_Rep2_peak_20075	64
74770465	74779157	H2AZ_Rep2_peak_20075	64
74807299	74809543	H2AZ_Rep2_peak_20076	102
74845874	74848023	H2AZ_Rep2_peak_20077	60
74885812	74886966	H2AZ_Rep2_peak_20079	42
75018289	75021391	H2AZ_Rep2_peak_20080	109
75031946	75032869	H2AZ_Rep2_peak_20081	74
75142654	75143561	H2AZ_Rep2_peak_20082	73
75144885	75145605	H2AZ_Rep2_peak_20083	60
75150280	75151127	H2AZ_Rep2_peak_20084	93
75181994	75183225	H2AZ_Rep2_peak_20085	89
75278571	75280557	H2AZ_Rep2_peak_20088	36
75284312	75285993	H2AZ_Rep2_peak_20089	36
75299101	75300702	H2AZ_Rep2_peak_20090	155
75466533	75468653	H2AZ_Rep2_peak_20092	266
75497522	75499662	H2AZ_Rep2_peak_20093	94
75511020	75512460	H2AZ_Rep2_peak_20094	81
75515781	75521248	H2AZ_Rep2_peak_20095	33
75526041	75526704	H2AZ_Rep2_peak_20096	17
75543249	75544042	H2AZ_Rep2_peak_20098	72
75550599	75552510	H2AZ_Rep2_peak_20099	35



75588773	75591162	H2AZ_Rep2_peak_20100	113
75598941	75600951	H2AZ_Rep2_peak_20102	117
75656087	75657571	H2AZ_Rep2_peak_20103	66
75680879	75683086	H2AZ_Rep2_peak_20104	117
75854626	75855359	H2AZ_Rep2_peak_20110	23
77223224	77225855	H2AZ_Rep2_peak_20115	131
77755775	77757339	H2AZ_Rep2_peak_20116	91
78132489	78134456	H2AZ_Rep2_peak_20117	196
78717592	78718327	H2AZ_Rep2_peak_20119	15
80061228	80061826	H2AZ_Rep2_peak_20122	81
80574002	80575458	H2AZ_Rep2_peak_20126	146
80838819	80841531	H2AZ_Rep2_peak_20129	47
80881727	80883094	H2AZ_Rep2_peak_20132	35
80933758	80936731	H2AZ_Rep2_peak_20135	56
80933758	80936731	H2AZ_Rep2_peak_20135	56
80945974	80947110	H2AZ_Rep2_peak_20136	21
80965709	80967022	H2AZ_Rep2_peak_20139	48
80968484	80973207	H2AZ_Rep2_peak_20140	17
81039521	81041756	H2AZ_Rep2_peak_20142	153
81109946	81111502	H2AZ_Rep2_peak_20145	166
81129140	81131532	H2AZ_Rep2_peak_20146	53
81214403	81215260	H2AZ_Rep2_peak_20150	150
81271922	81272628	H2AZ_Rep2_peak_20155	71
81299482	81302244	H2AZ_Rep2_peak_20157	40
81347395	81349658	H2AZ_Rep2_peak_20159	110
81434572	81435481	H2AZ_Rep2_peak_20160	107
81437177	81437903	H2AZ_Rep2_peak_20161	117
81439246	81441460	H2AZ_Rep2_peak_20162	94
81477528	81479876	H2AZ_Rep2_peak_20166	22
81763652	81764636	H2AZ_Rep2_peak_20169	157
81771439	81772316	H2AZ_Rep2_peak_20170	91
81778754	81780543	H2AZ_Rep2_peak_20171	140
81812301	81813703	H2AZ_Rep2_peak_20173	89
82203244	82204331	H2AZ_Rep2_peak_20177	98
82661360	82663530	H2AZ_Rep2_peak_20183	47
82665279	82665579	H2AZ_Rep2_peak_20184	19
82667623	82669083	H2AZ_Rep2_peak_20185	36
82671613	82674372	H2AZ_Rep2_peak_20186	21
82686992	82689657	H2AZ_Rep2_peak_20188	34
82731776	82736095	H2AZ_Rep2_peak_20191	52
82731776	82736095	H2AZ_Rep2_peak_20191	52
83340456	83344156	H2AZ_Rep2_peak_20196	60
83368109	83369141	H2AZ_Rep2_peak_20198	19

83372179	83373490	H2AZ_Rep2_peak_20200	35
83840754	83842356	H2AZ_Rep2_peak_20203	154
83858280	83859980	H2AZ_Rep2_peak_20204	51
83931981	83933630	H2AZ_Rep2_peak_20205	49
83960130	83961091	H2AZ_Rep2_peak_20206	85
83985057	83988473	H2AZ_Rep2_peak_20207	88
84026385	84028948	H2AZ_Rep2_peak_20208	40
84047938	84048347	H2AZ_Rep2_peak_20209	40
84149710	84151550	H2AZ_Rep2_peak_20210	88
84177817	84179481	H2AZ_Rep2_peak_20211	102
84207794	84210778	H2AZ_Rep2_peak_20213	44
84219951	84221256	H2AZ_Rep2_peak_20214	149
84261306	84262310	H2AZ_Rep2_peak_20216	34
84279860	84282599	H2AZ_Rep2_peak_20218	31
84297556	84301851	H2AZ_Rep2_peak_20219	73
84456604	84457463	H2AZ_Rep2_peak_20224	101
84534800	84540348	H2AZ_Rep2_peak_20225	82
84534800	84540348	H2AZ_Rep2_peak_20225	82
84544707	84545655	H2AZ_Rep2_peak_20226	70
84650221	84652893	H2AZ_Rep2_peak_20227	62
84655458	84657656	H2AZ_Rep2_peak_20228	54
84681437	84682491	H2AZ_Rep2_peak_20230	131
84704599	84707009	H2AZ_Rep2_peak_20231	19
84732626	84734009	H2AZ_Rep2_peak_20233	86
84839454	84840748	H2AZ_Rep2_peak_20234	71
84853610	84854080	H2AZ_Rep2_peak_20235	74
84913372	84913722	H2AZ_Rep2_peak_20239	25
84918062	84918662	H2AZ_Rep2_peak_20240	19
84958407	84959262	H2AZ_Rep2_peak_20241	20
85028052	85028915	H2AZ_Rep2_peak_20244	25
85044292	85045833	H2AZ_Rep2_peak_20245	84
85060715	85063833	H2AZ_Rep2_peak_20246	51
85060715	85063833	H2AZ_Rep2_peak_20246	51
85070317	85071220	H2AZ_Rep2_peak_20247	67
85119813	85120892	H2AZ_Rep2_peak_20249	73
85148506	85149315	H2AZ_Rep2_peak_20250	38
85157650	85158010	H2AZ_Rep2_peak_20251	45
85170098	85171808	H2AZ_Rep2_peak_20252	71
85184850	85185400	H2AZ_Rep2_peak_20254	36
85205670	85208538	H2AZ_Rep2_peak_20255	68
85269030	85270019	H2AZ_Rep2_peak_20256	16
85449542	85450234	H2AZ_Rep2_peak_20260	16
85525499	85526537	H2AZ_Rep2_peak_20261	17

85548046	85549908	H2AZ_Rep2_peak_20262	144
85556294	85560086	H2AZ_Rep2_peak_20263	47
85587152	85588915	H2AZ_Rep2_peak_20265	38
85722025	85723134	H2AZ_Rep2_peak_20268	48
85766700	85767549	H2AZ_Rep2_peak_20269	94
85783518	85786033	H2AZ_Rep2_peak_20271	39
85793376	85793681	H2AZ_Rep2_peak_20272	35
85799669	85802211	H2AZ_Rep2_peak_20273	69
85832200	85833849	H2AZ_Rep2_peak_20274	54
85949951	85950445	H2AZ_Rep2_peak_20278	69
86020439	86021219	H2AZ_Rep2_peak_20279	33
86108158	86109222	H2AZ_Rep2_peak_20281	34
86111335	86113318	H2AZ_Rep2_peak_20282	51
86243097	86248567	H2AZ_Rep2_peak_20288	20
86256181	86258799	H2AZ_Rep2_peak_20289	32
86337913	86339329	H2AZ_Rep2_peak_20291	15
86340663	86342190	H2AZ_Rep2_peak_20292	25
86353174	86353910	H2AZ_Rep2_peak_20294	41
86355986	86356413	H2AZ_Rep2_peak_20295	28
86360812	86361968	H2AZ_Rep2_peak_20296	30
86373872	86378055	H2AZ_Rep2_peak_20297	50
86373872	86378055	H2AZ_Rep2_peak_20297	50
86386898	86389935	H2AZ_Rep2_peak_20298	32
86395227	86397994	H2AZ_Rep2_peak_20300	24
86416732	86418212	H2AZ_Rep2_peak_20301	52
86420042	86421726	H2AZ_Rep2_peak_20302	65
86425010	86426687	H2AZ_Rep2_peak_20303	57
86430143	86432105	H2AZ_Rep2_peak_20304	73
86435307	86437632	H2AZ_Rep2_peak_20305	22
86457704	86459411	H2AZ_Rep2_peak_20307	109
86499967	86502247	H2AZ_Rep2_peak_20309	59
86510560	86511922	H2AZ_Rep2_peak_20310	30
86541300	86543894	H2AZ_Rep2_peak_20311	101
86550855	86554495	H2AZ_Rep2_peak_20312	54
86550855	86554495	H2AZ_Rep2_peak_20312	54
86588243	86589577	H2AZ_Rep2_peak_20313	100
86596751	86598041	H2AZ_Rep2_peak_20314	85
86600436	86602683	H2AZ_Rep2_peak_20315	39
86609062	86610905	H2AZ_Rep2_peak_20316	54
86618476	86620413	H2AZ_Rep2_peak_20317	47
86623618	86624606	H2AZ_Rep2_peak_20318	40
86648398	86649131	H2AZ_Rep2_peak_20319	14
86664893	86666228	H2AZ_Rep2_peak_20320	35

86697805	86699352	H2AZ_Rep2_peak_20322	23
86774422	86775594	H2AZ_Rep2_peak_20328	154
86784485	86785438	H2AZ_Rep2_peak_20329	62
86794561	86795890	H2AZ_Rep2_peak_20330	67
86805893	86807317	H2AZ_Rep2_peak_20331	45
86856844	86859535	H2AZ_Rep2_peak_20333	109
86934698	86935902	H2AZ_Rep2_peak_20336	78
86944824	86945143	H2AZ_Rep2_peak_20337	39
86985560	86986664	H2AZ_Rep2_peak_20341	117
87080878	87081367	H2AZ_Rep2_peak_20343	16
87096181	87096668	H2AZ_Rep2_peak_20344	14
87110364	87111147	H2AZ_Rep2_peak_20345	94
87177267	87179723	H2AZ_Rep2_peak_20347	75
87182128	87182834	H2AZ_Rep2_peak_20348	49
87203056	87203826	H2AZ_Rep2_peak_20349	37
87211967	87214202	H2AZ_Rep2_peak_20351	51
87233573	87237136	H2AZ_Rep2_peak_20352	42
87240237	87242062	H2AZ_Rep2_peak_20353	43
87273931	87277045	H2AZ_Rep2_peak_20356	30
87311348	87312816	H2AZ_Rep2_peak_20357	36
87350257	87351422	H2AZ_Rep2_peak_20358	80
87416440	87418527	H2AZ_Rep2_peak_20359	48
87424954	87425624	H2AZ_Rep2_peak_20361	36
87495255	87495607	H2AZ_Rep2_peak_20362	22
87526879	87527386	H2AZ_Rep2_peak_20364	30
87533398	87536677	H2AZ_Rep2_peak_20365	20
87550936	87553302	H2AZ_Rep2_peak_20366	104
87583557	87586823	H2AZ_Rep2_peak_20367	16
87594151	87595448	H2AZ_Rep2_peak_20368	72
87604683	87605217	H2AZ_Rep2_peak_20369	11
87615732	87616629	H2AZ_Rep2_peak_20370	23
87668787	87670658	H2AZ_Rep2_peak_20371	138
87799009	87800235	H2AZ_Rep2_peak_20373	59
87811371	87814524	H2AZ_Rep2_peak_20374	38
87811371	87814524	H2AZ_Rep2_peak_20374	38
87818505	87818967	H2AZ_Rep2_peak_20375	29
87823137	87824720	H2AZ_Rep2_peak_20376	65
87839776	87841398	H2AZ_Rep2_peak_20378	112
87904074	87905269	H2AZ_Rep2_peak_20379	56
87981699	87985819	H2AZ_Rep2_peak_20380	124
88152601	88153498	H2AZ_Rep2_peak_20381	40
88298284	88299580	H2AZ_Rep2_peak_20384	39
88348999	88350102	H2AZ_Rep2_peak_20386	108

88363937	88368478	H2AZ_Rep2_peak_20387	41
88518693	88519435	H2AZ_Rep2_peak_20391	102
88521162	88521618	H2AZ_Rep2_peak_20392	15
88635392	88637380	H2AZ_Rep2_peak_20395	72
88717640	88718251	H2AZ_Rep2_peak_20396	22
88728599	88730492	H2AZ_Rep2_peak_20397	78
88752029	88753357	H2AZ_Rep2_peak_20398	40
88771761	88773649	H2AZ_Rep2_peak_20399	55
88851830	88852500	H2AZ_Rep2_peak_20400	38
88877498	88879175	H2AZ_Rep2_peak_20402	35
88923473	88924711	H2AZ_Rep2_peak_20403	103
88987693	88989215	H2AZ_Rep2_peak_20404	16
88991399	88993775	H2AZ_Rep2_peak_20405	30
89118580	89120452	H2AZ_Rep2_peak_20406	143
89133740	89134735	H2AZ_Rep2_peak_20407	72
89159396	89161074	H2AZ_Rep2_peak_20409	61
89283258	89284729	H2AZ_Rep2_peak_20411	70
89307016	89308136	H2AZ_Rep2_peak_20412	103
89313089	89313664	H2AZ_Rep2_peak_20413	15
89557246	89558374	H2AZ_Rep2_peak_20414	68
89568513	89569415	H2AZ_Rep2_peak_20415	59
89571505	89575659	H2AZ_Rep2_peak_20416	52
89571505	89575659	H2AZ_Rep2_peak_20416	52
89640539	89642613	H2AZ_Rep2_peak_20417	60
89699135	89701134	H2AZ_Rep2_peak_20420	81
89707357	89707838	H2AZ_Rep2_peak_20421	60
89723751	89725311	H2AZ_Rep2_peak_20422	82
89752162	89753962	H2AZ_Rep2_peak_20423	67
89766906	89768968	H2AZ_Rep2_peak_20424	44
89772390	89773018	H2AZ_Rep2_peak_20425	78
89786125	89789371	H2AZ_Rep2_peak_20426	31
89882841	89884225	H2AZ_Rep2_peak_20427	34
89894164	89895652	H2AZ_Rep2_peak_20428	21
89939327	89940326	H2AZ_Rep2_peak_20430	45
89988428	89989445	H2AZ_Rep2_peak_20431	32
90038323	90039930	H2AZ_Rep2_peak_20433	139
90085953	90086903	H2AZ_Rep2_peak_20434	90
90088425	90089579	H2AZ_Rep2_peak_20435	96
90143183	90145211	H2AZ_Rep2_peak_20437	88
90148480	90149023	H2AZ_Rep2_peak_20438	81
64998	66680	H2AZ_Rep2_peak_20441	115
200779	201187	H2AZ_Rep2_peak_20443	21
235135	236928	H2AZ_Rep2_peak_20444	54

258991	261003 H2AZ_Rep2_peak_20445	88
617410	619643 H2AZ_Rep2_peak_20446	100
635086	637070 H2AZ_Rep2_peak_20447	29
654609	656356 H2AZ_Rep2_peak_20448	100
684771	686524 H2AZ_Rep2_peak_20449	202
882625	884859 H2AZ_Rep2_peak_20453	52
899234	900922 H2AZ_Rep2_peak_20454	172
1011642	1015497 H2AZ_Rep2_peak_20456	52
1011642	1015497 H2AZ_Rep2_peak_20456	52
1018290	1018902 H2AZ_Rep2_peak_20457	25
1024246	1026997 H2AZ_Rep2_peak_20458	86
1050600	1051051 H2AZ_Rep2_peak_20459	49
1089729	1090559 H2AZ_Rep2_peak_20461	48
1106464	1107464 H2AZ_Rep2_peak_20463	192
1116547	1116992 H2AZ_Rep2_peak_20464	19
1162538	1163121 H2AZ_Rep2_peak_20466	183
1170613	1172187 H2AZ_Rep2_peak_20467	99
1303119	1304042 H2AZ_Rep2_peak_20468	41
1358729	1360492 H2AZ_Rep2_peak_20469	32
1388279	1392103 H2AZ_Rep2_peak_20470	45
1394005	1395396 H2AZ_Rep2_peak_20471	51
1418767	1420683 H2AZ_Rep2_peak_20472	73
1469798	1470449 H2AZ_Rep2_peak_20474	66
1493607	1494174 H2AZ_Rep2_peak_20478	27
1531335	1533522 H2AZ_Rep2_peak_20480	75
1551534	1553510 H2AZ_Rep2_peak_20481	51
1587701	1590014 H2AZ_Rep2_peak_20482	71
1613373	1614206 H2AZ_Rep2_peak_20484	82
1620003	1621333 H2AZ_Rep2_peak_20485	112
1626255	1628712 H2AZ_Rep2_peak_20486	36
1655496	1656595 H2AZ_Rep2_peak_20487	178
1732323	1733999 H2AZ_Rep2_peak_20489	71
1849721	1850328 H2AZ_Rep2_peak_20490	15
1884750	1885122 H2AZ_Rep2_peak_20491	24
1932211	1934118 H2AZ_Rep2_peak_20494	129
1944481	1945865 H2AZ_Rep2_peak_20495	90
1952692	1953282 H2AZ_Rep2_peak_20496	67
1987582	1988410 H2AZ_Rep2_peak_20497	38
2092903	2094349 H2AZ_Rep2_peak_20498	28
2205414	2207695 H2AZ_Rep2_peak_20499	66
2239112	2241875 H2AZ_Rep2_peak_20501	84
2261610	2263414 H2AZ_Rep2_peak_20502	106
2295620	2297142 H2AZ_Rep2_peak_20503	30

2302646	2306015 H2AZ_Rep2_peak_20504	23
2302646	2306015 H2AZ_Rep2_peak_20504	23
2309881	2311096 H2AZ_Rep2_peak_20505	71
2414305	2415791 H2AZ_Rep2_peak_20506	184
2494210	2494912 H2AZ_Rep2_peak_20510	43
2496173	2498019 H2AZ_Rep2_peak_20511	35
2613645	2616161 H2AZ_Rep2_peak_20512	87
2626785	2628478 H2AZ_Rep2_peak_20513	27
2689224	2689774 H2AZ_Rep2_peak_20516	65
2699000	2700552 H2AZ_Rep2_peak_20517	68
2715257	2715865 H2AZ_Rep2_peak_20518	33
2757191	2758241 H2AZ_Rep2_peak_20519	50
2795617	2797163 H2AZ_Rep2_peak_20521	20
2852772	2853768 H2AZ_Rep2_peak_20524	70
2858429	2860103 H2AZ_Rep2_peak_20525	30
2863543	2865033 H2AZ_Rep2_peak_20526	118
2868671	2869523 H2AZ_Rep2_peak_20527	15
2878260	2879592 H2AZ_Rep2_peak_20528	80
2907009	2908214 H2AZ_Rep2_peak_20529	75
3538955	3540585 H2AZ_Rep2_peak_20531	129
3570820	3572707 H2AZ_Rep2_peak_20532	53
3598305	3599745 H2AZ_Rep2_peak_20533	160
3626245	3628116 H2AZ_Rep2_peak_20534	158
3747783	3750220 H2AZ_Rep2_peak_20537	35
3791516	3794026 H2AZ_Rep2_peak_20539	45
3795333	3800433 H2AZ_Rep2_peak_20540	54
3816868	3817677 H2AZ_Rep2_peak_20541	57
3819512	3822311 H2AZ_Rep2_peak_20542	22
3867703	3869148 H2AZ_Rep2_peak_20543	193
4045452	4047980 H2AZ_Rep2_peak_20544	46
4064451	4066342 H2AZ_Rep2_peak_20545	24
4166399	4167955 H2AZ_Rep2_peak_20546	126
4268727	4271855 H2AZ_Rep2_peak_20547	70
4297165	4299517 H2AZ_Rep2_peak_20548	65
4316180	4316816 H2AZ_Rep2_peak_20549	129
4323942	4324422 H2AZ_Rep2_peak_20550	65
4457969	4460362 H2AZ_Rep2_peak_20554	139
4468601	4469515 H2AZ_Rep2_peak_20556	56
4479009	4479610 H2AZ_Rep2_peak_20557	25
4606469	4608311 H2AZ_Rep2_peak_20558	153
4612999	4615848 H2AZ_Rep2_peak_20559	95
4624948	4626189 H2AZ_Rep2_peak_20560	150
4633745	4635095 H2AZ_Rep2_peak_20561	146

4642443	4644162 H2AZ_Rep2_peak_20562	93
4674994	4675798 H2AZ_Rep2_peak_20563	44
4690036	4691234 H2AZ_Rep2_peak_20564	19
4692868	4694347 H2AZ_Rep2_peak_20565	102
4698689	4700180 H2AZ_Rep2_peak_20566	70
4709686	4711075 H2AZ_Rep2_peak_20567	56
4736102	4737901 H2AZ_Rep2_peak_20568	72
4811728	4813380 H2AZ_Rep2_peak_20570	50
4842354	4844758 H2AZ_Rep2_peak_20571	61
4851984	4855184 H2AZ_Rep2_peak_20572	35
4869966	4872953 H2AZ_Rep2_peak_20573	51
4889787	4892333 H2AZ_Rep2_peak_20574	46
4900265	4902403 H2AZ_Rep2_peak_20575	50
4933864	4935498 H2AZ_Rep2_peak_20576	69
5014206	5015818 H2AZ_Rep2_peak_20577	126
5094520	5096140 H2AZ_Rep2_peak_20578	80
5184192	5187422 H2AZ_Rep2_peak_20580	54
5322322	5324077 H2AZ_Rep2_peak_20581	174
5341651	5343359 H2AZ_Rep2_peak_20582	87
5370733	5373476 H2AZ_Rep2_peak_20583	63
5388778	5390512 H2AZ_Rep2_peak_20584	71
5487418	5489764 H2AZ_Rep2_peak_20588	39
6135012	6135903 H2AZ_Rep2_peak_20591	53
6268218	6270120 H2AZ_Rep2_peak_20595	67
6277746	6278992 H2AZ_Rep2_peak_20596	76
6280238	6280953 H2AZ_Rep2_peak_20597	49
6346615	6348081 H2AZ_Rep2_peak_20600	109
6374533	6376891 H2AZ_Rep2_peak_20602	29
6409931	6411497 H2AZ_Rep2_peak_20603	41
6455101	6456062 H2AZ_Rep2_peak_20604	80
6457859	6459569 H2AZ_Rep2_peak_20605	110
6543309	6544948 H2AZ_Rep2_peak_20607	78
6554538	6555919 H2AZ_Rep2_peak_20608	95
6574367	6574974 H2AZ_Rep2_peak_20611	14
6614432	6614898 H2AZ_Rep2_peak_20614	21
6655389	6656519 H2AZ_Rep2_peak_20615	22
6757172	6757805 H2AZ_Rep2_peak_20618	27
6770915	6771444 H2AZ_Rep2_peak_20620	39
6774384	6778987 H2AZ_Rep2_peak_20621	37
6816841	6818491 H2AZ_Rep2_peak_20624	32
6830716	6831165 H2AZ_Rep2_peak_20625	20
6872589	6873185 H2AZ_Rep2_peak_20626	23
6881828	6882642 H2AZ_Rep2_peak_20628	46



6915315	6918823 H2AZ_Rep2_peak_20629	103
6924892	6926164 H2AZ_Rep2_peak_20630	24
6938373	6940187 H2AZ_Rep2_peak_20632	99
6949446	6949746 H2AZ_Rep2_peak_20633	18
6963865	6964765 H2AZ_Rep2_peak_20637	36
7079042	7082012 H2AZ_Rep2_peak_20641	188
7117513	7118511 H2AZ_Rep2_peak_20642	65
7122645	7123803 H2AZ_Rep2_peak_20643	93
7137161	7138158 H2AZ_Rep2_peak_20644	46
7144728	7146814 H2AZ_Rep2_peak_20645	131
7154473	7156299 H2AZ_Rep2_peak_20646	59
7166352	7168375 H2AZ_Rep2_peak_20647	102
7183248	7185282 H2AZ_Rep2_peak_20649	98
7199192	7200511 H2AZ_Rep2_peak_20650	155
7208396	7208701 H2AZ_Rep2_peak_20651	26
7209976	7210661 H2AZ_Rep2_peak_20652	169
7217854	7219697 H2AZ_Rep2_peak_20653	19
7231966	7233964 H2AZ_Rep2_peak_20654	156
7254240	7256148 H2AZ_Rep2_peak_20655	47
7283611	7285167 H2AZ_Rep2_peak_20657	107
7297183	7298620 H2AZ_Rep2_peak_20658	85
7306477	7308555 H2AZ_Rep2_peak_20659	47
7338257	7340369 H2AZ_Rep2_peak_20660	83
7358280	7359486 H2AZ_Rep2_peak_20661	108
7381899	7383749 H2AZ_Rep2_peak_20662	70
7386233	7389361 H2AZ_Rep2_peak_20663	66
7451840	7453132 H2AZ_Rep2_peak_20665	37
7461026	7463074 H2AZ_Rep2_peak_20666	91
7464404	7465903 H2AZ_Rep2_peak_20667	50
7486631	7488051 H2AZ_Rep2_peak_20669	108
7516958	7519067 H2AZ_Rep2_peak_20670	32
7529638	7531548 H2AZ_Rep2_peak_20671	45
7535221	7536522 H2AZ_Rep2_peak_20672	84
7589077	7593028 H2AZ_Rep2_peak_20673	44
7589077	7593028 H2AZ_Rep2_peak_20673	44
7613593	7614126 H2AZ_Rep2_peak_20674	69
7620194	7621932 H2AZ_Rep2_peak_20675	62
7645808	7648899 H2AZ_Rep2_peak_20677	32
7650647	7651722 H2AZ_Rep2_peak_20678	89
7653602	7654168 H2AZ_Rep2_peak_20679	33
7658387	7659345 H2AZ_Rep2_peak_20681	154
7677341	7678099 H2AZ_Rep2_peak_20682	54
7707014	7707898 H2AZ_Rep2_peak_20685	80

7712431	7713436 H2AZ_Rep2_peak_20686	96
7736735	7740590 H2AZ_Rep2_peak_20687	52
7744639	7748524 H2AZ_Rep2_peak_20688	60
7759947	7762168 H2AZ_Rep2_peak_20689	138
7788898	7792190 H2AZ_Rep2_peak_20690	48
7818515	7820496 H2AZ_Rep2_peak_20691	118
7834718	7836289 H2AZ_Rep2_peak_20692	192
7885197	7886242 H2AZ_Rep2_peak_20693	38
7892453	7893981 H2AZ_Rep2_peak_20694	98
7900630	7900930 H2AZ_Rep2_peak_20695	23
7932025	7932982 H2AZ_Rep2_peak_20698	23
7959698	7961644 H2AZ_Rep2_peak_20700	20
7963179	7966890 H2AZ_Rep2_peak_20701	39
7976719	7977700 H2AZ_Rep2_peak_20703	59
7983043	7984004 H2AZ_Rep2_peak_20704	47
7990609	7991611 H2AZ_Rep2_peak_20705	32
8013530	8014133 H2AZ_Rep2_peak_20707	19
8021157	8030863 H2AZ_Rep2_peak_20708	78
8021157	8030863 H2AZ_Rep2_peak_20708	78
8021157	8030863 H2AZ_Rep2_peak_20708	78
8041617	8043131 H2AZ_Rep2_peak_20709	58
8059436	8060630 H2AZ_Rep2_peak_20711	28
8065189	8068332 H2AZ_Rep2_peak_20712	87
8076977	8080591 H2AZ_Rep2_peak_20713	91
8076977	8080591 H2AZ_Rep2_peak_20713	91
8088925	8090942 H2AZ_Rep2_peak_20714	187
8092415	8097091 H2AZ_Rep2_peak_20715	49
8102987	8104363 H2AZ_Rep2_peak_20716	82
8113205	8114361 H2AZ_Rep2_peak_20717	70
8122755	8127447 H2AZ_Rep2_peak_20719	84
8150326	8153664 H2AZ_Rep2_peak_20720	78
8191211	8192803 H2AZ_Rep2_peak_20721	118
8198130	8199351 H2AZ_Rep2_peak_20722	85
8237248	8237772 H2AZ_Rep2_peak_20724	52
8279282	8280155 H2AZ_Rep2_peak_20726	81
8286255	8288834 H2AZ_Rep2_peak_20727	60
8297107	8297615 H2AZ_Rep2_peak_20728	21
8313363	8314185 H2AZ_Rep2_peak_20730	47
8338436	8339988 H2AZ_Rep2_peak_20731	46
8533684	8535619 H2AZ_Rep2_peak_20732	54
9478355	9480954 H2AZ_Rep2_peak_20739	133
9547991	9550145 H2AZ_Rep2_peak_20740	119
9657039	9659775 H2AZ_Rep2_peak_20744	41

9663245	9668279 H2AZ_Rep2_peak_20745	29
9663245	9668279 H2AZ_Rep2_peak_20745	29
9669531	9672949 H2AZ_Rep2_peak_20746	43
9684628	9686757 H2AZ_Rep2_peak_20748	45
9694055	9695559 H2AZ_Rep2_peak_20750	22
9701590	9707468 H2AZ_Rep2_peak_20751	77
9701590	9707468 H2AZ_Rep2_peak_20751	77
9723630	9725433 H2AZ_Rep2_peak_20753	26
9720064	9722241 H2AZ_Rep2_peak_20752	20
9734440	9735299 H2AZ_Rep2_peak_20756	22
9741414	9746772 H2AZ_Rep2_peak_20758	42
9809085	9812590 H2AZ_Rep2_peak_20762	121
9826964	9828864 H2AZ_Rep2_peak_20763	59
9831799	9832680 H2AZ_Rep2_peak_20764	61
9862654	9863306 H2AZ_Rep2_peak_20766	24
10018031	10018985 H2AZ_Rep2_peak_20770	22
10534647	10535211 H2AZ_Rep2_peak_20776	30
10599969	10602132 H2AZ_Rep2_peak_20777	104
11041295	11041890 H2AZ_Rep2_peak_20780	15
11847930	11848627 H2AZ_Rep2_peak_20782	24
11899976	11901683 H2AZ_Rep2_peak_20783	203
11923740	11924489 H2AZ_Rep2_peak_20784	42
12920486	12922134 H2AZ_Rep2_peak_20785	118
12928096	12928552 H2AZ_Rep2_peak_20786	40
12934909	12935236 H2AZ_Rep2_peak_20787	40
13971870	13973424 H2AZ_Rep2_peak_20792	161
14634512	14635264 H2AZ_Rep2_peak_20795	19
14680411	14680738 H2AZ_Rep2_peak_20799	16
15163646	15166823 H2AZ_Rep2_peak_20800	173
15192472	15193602 H2AZ_Rep2_peak_20802	73
15301845	15302473 H2AZ_Rep2_peak_20806	19
15340253	15340864 H2AZ_Rep2_peak_20807	34
15393825	15395679 H2AZ_Rep2_peak_20809	29
15551752	15555478 H2AZ_Rep2_peak_20810	49
15551752	15555478 H2AZ_Rep2_peak_20810	49
15586987	15588026 H2AZ_Rep2_peak_20811	46
15602215	15603402 H2AZ_Rep2_peak_20812	67
15817205	15819593 H2AZ_Rep2_peak_20815	37
15845269	15846343 H2AZ_Rep2_peak_20817	49
15850029	15852015 H2AZ_Rep2_peak_20818	22
15860450	15860878 H2AZ_Rep2_peak_20819	33
15867043	15867444 H2AZ_Rep2_peak_20820	22
15902066	15904097 H2AZ_Rep2_peak_20822	61

16117881	16121101	H2AZ_Rep2_peak_20823	92
16188886	16191596	H2AZ_Rep2_peak_20824	67
16255293	16257353	H2AZ_Rep2_peak_20826	67
16282040	16284478	H2AZ_Rep2_peak_20828	66
16282040	16284478	H2AZ_Rep2_peak_20828	66
16289718	16290460	H2AZ_Rep2_peak_20829	36
16301638	16302325	H2AZ_Rep2_peak_20830	117
16321580	16323318	H2AZ_Rep2_peak_20831	45
16363132	16363891	H2AZ_Rep2_peak_20834	64
16380662	16381051	H2AZ_Rep2_peak_20836	46
16389971	16390405	H2AZ_Rep2_peak_20837	40
16394197	16396796	H2AZ_Rep2_peak_20838	28
16411220	16411782	H2AZ_Rep2_peak_20839	29
16419819	16420646	H2AZ_Rep2_peak_20840	34
16423956	16426123	H2AZ_Rep2_peak_20841	93
16438326	16440529	H2AZ_Rep2_peak_20843	107
16492397	16493065	H2AZ_Rep2_peak_20845	115
16556026	16557474	H2AZ_Rep2_peak_20846	125
16763399	16764652	H2AZ_Rep2_peak_20847	38
16769753	16770428	H2AZ_Rep2_peak_20848	52
16894677	16895211	H2AZ_Rep2_peak_20852	19
16917989	16918551	H2AZ_Rep2_peak_20855	13
16924186	16926188	H2AZ_Rep2_peak_20857	57
16928491	16929255	H2AZ_Rep2_peak_20858	23
16935135	16935939	H2AZ_Rep2_peak_20860	48
16942067	16946840	H2AZ_Rep2_peak_20861	78
17108395	17110564	H2AZ_Rep2_peak_20862	102
17139592	17141702	H2AZ_Rep2_peak_20863	144
17184213	17186742	H2AZ_Rep2_peak_20864	112
17206009	17207459	H2AZ_Rep2_peak_20865	132
17258365	17260117	H2AZ_Rep2_peak_20867	46
17266947	17267298	H2AZ_Rep2_peak_20868	19
17301447	17306189	H2AZ_Rep2_peak_20870	22
17301447	17306189	H2AZ_Rep2_peak_20870	22
17315332	17323964	H2AZ_Rep2_peak_20873	89
17337966	17341227	H2AZ_Rep2_peak_20875	16
17348738	17350372	H2AZ_Rep2_peak_20878	50
17377592	17380906	H2AZ_Rep2_peak_20881	67
17399319	17401008	H2AZ_Rep2_peak_20882	36
17493946	17496639	H2AZ_Rep2_peak_20884	118
17512351	17512981	H2AZ_Rep2_peak_20886	68
17569635	17570192	H2AZ_Rep2_peak_20890	34
17579123	17579850	H2AZ_Rep2_peak_20892	72

17585905	17586851	H2AZ_Rep2_peak_20894	20
17584179	17584601	H2AZ_Rep2_peak_20893	67
17588959	17589582	H2AZ_Rep2_peak_20895	21
17597033	17598500	H2AZ_Rep2_peak_20896	50
17655053	17656349	H2AZ_Rep2_peak_20898	72
17861256	17862440	H2AZ_Rep2_peak_20905	16
17875016	17876561	H2AZ_Rep2_peak_20906	62
17893339	17894210	H2AZ_Rep2_peak_20909	45
17941699	17944083	H2AZ_Rep2_peak_20911	83
17990649	17992316	H2AZ_Rep2_peak_20912	66
18059482	18060169	H2AZ_Rep2_peak_20915	14
18085414	18088180	H2AZ_Rep2_peak_20917	67
18127650	18129862	H2AZ_Rep2_peak_20918	120
18161113	18164604	H2AZ_Rep2_peak_20919	94
18217329	18219063	H2AZ_Rep2_peak_20920	93
18265925	18267425	H2AZ_Rep2_peak_20921	121
18274624	18275467	H2AZ_Rep2_peak_20922	48
18280583	18282015	H2AZ_Rep2_peak_20923	128
18529218	18529937	H2AZ_Rep2_peak_20925	13
18600871	18602084	H2AZ_Rep2_peak_20927	72
18621842	18622538	H2AZ_Rep2_peak_20928	23
18753242	18754378	H2AZ_Rep2_peak_20929	30
18758923	18760159	H2AZ_Rep2_peak_20930	142
18761633	18761986	H2AZ_Rep2_peak_20931	17
18907620	18908663	H2AZ_Rep2_peak_20934	62
18914352	18915289	H2AZ_Rep2_peak_20935	125
18917657	18919061	H2AZ_Rep2_peak_20936	34
19140766	19141970	H2AZ_Rep2_peak_20938	69
19265227	19266971	H2AZ_Rep2_peak_20939	160
19280263	19282413	H2AZ_Rep2_peak_20940	41
19350328	19353322	H2AZ_Rep2_peak_20945	37
19410298	19412246	H2AZ_Rep2_peak_20948	130
19549205	19552703	H2AZ_Rep2_peak_20950	84
19622434	19624429	H2AZ_Rep2_peak_20951	84
19630876	19632205	H2AZ_Rep2_peak_20952	91
19648489	19649706	H2AZ_Rep2_peak_20953	63
19651052	19652445	H2AZ_Rep2_peak_20954	114
19654068	19657481	H2AZ_Rep2_peak_20955	88
19669940	19670382	H2AZ_Rep2_peak_20958	33
19673649	19674463	H2AZ_Rep2_peak_20959	20
19769860	19772095	H2AZ_Rep2_peak_20960	102
19880472	19881921	H2AZ_Rep2_peak_20962	100
19894874	19896742	H2AZ_Rep2_peak_20963	88

19911747	19914044	H2AZ_Rep2_peak_20964	134
19966872	19968137	H2AZ_Rep2_peak_20966	70
20025239	20026285	H2AZ_Rep2_peak_20969	46
20058365	20060436	H2AZ_Rep2_peak_20970	51
20077727	20078665	H2AZ_Rep2_peak_20971	53
20610015	20611008	H2AZ_Rep2_peak_20973	46
20811008	20812716	H2AZ_Rep2_peak_20975	86
20819434	20820263	H2AZ_Rep2_peak_20976	28
20840634	20842039	H2AZ_Rep2_peak_20978	24
20847363	20848036	H2AZ_Rep2_peak_20979	23
20859189	20859588	H2AZ_Rep2_peak_20980	33
20945830	20947843	H2AZ_Rep2_peak_20984	70
20955035	20955729	H2AZ_Rep2_peak_20985	17
20984943	20986196	H2AZ_Rep2_peak_20986	31
21001785	21003320	H2AZ_Rep2_peak_20987	277
21022716	21023778	H2AZ_Rep2_peak_20988	20
21029609	21031385	H2AZ_Rep2_peak_20989	192
21116814	21118727	H2AZ_Rep2_peak_20990	88
21155973	21157414	H2AZ_Rep2_peak_20991	55
21175792	21177017	H2AZ_Rep2_peak_20993	34
21178460	21179677	H2AZ_Rep2_peak_20994	106
21182243	21183913	H2AZ_Rep2_peak_20995	57
21219161	21227466	H2AZ_Rep2_peak_20998	58
21219161	21227466	H2AZ_Rep2_peak_20998	58
21240094	21242487	H2AZ_Rep2_peak_20999	60
21243772	21253632	H2AZ_Rep2_peak_21000	24
21261867	21263047	H2AZ_Rep2_peak_21001	75
21270648	21272517	H2AZ_Rep2_peak_21002	27
21279143	21280712	H2AZ_Rep2_peak_21003	57
21303457	21308570	H2AZ_Rep2_peak_21004	47
21313087	21320853	H2AZ_Rep2_peak_21005	28
21415279	21416456	H2AZ_Rep2_peak_21012	20
21426261	21427907	H2AZ_Rep2_peak_21013	124
21454224	21454894	H2AZ_Rep2_peak_21014	109
25568459	25569854	H2AZ_Rep2_peak_21023	22
25571687	25572643	H2AZ_Rep2_peak_21024	55
25574311	25574859	H2AZ_Rep2_peak_21025	44
25620129	25622249	H2AZ_Rep2_peak_21029	104
25650170	25652088	H2AZ_Rep2_peak_21030	28
25658461	25661339	H2AZ_Rep2_peak_21031	62
25666880	25668566	H2AZ_Rep2_peak_21032	35
25675717	25676492	H2AZ_Rep2_peak_21033	43
25680135	25682701	H2AZ_Rep2_peak_21034	116

25703727	25704378	H2AZ_Rep2_peak_21035	102
25706931	25712057	H2AZ_Rep2_peak_21036	70
25706931	25712057	H2AZ_Rep2_peak_21036	70
25735827	25737064	H2AZ_Rep2_peak_21037	13
25782051	25784080	H2AZ_Rep2_peak_21040	38
25877876	25880535	H2AZ_Rep2_peak_21043	56
25886722	25888095	H2AZ_Rep2_peak_21044	33
25903462	25904672	H2AZ_Rep2_peak_21045	21
25981300	25981826	H2AZ_Rep2_peak_21046	38
26132537	26133372	H2AZ_Rep2_peak_21047	276
26219505	26220841	H2AZ_Rep2_peak_21051	41
26255428	26257358	H2AZ_Rep2_peak_21053	29
26290407	26293074	H2AZ_Rep2_peak_21059	49
26301117	26302689	H2AZ_Rep2_peak_21062	30
26305394	26305917	H2AZ_Rep2_peak_21063	30
26360989	26361899	H2AZ_Rep2_peak_21065	53
26543341	26543995	H2AZ_Rep2_peak_21067	43
26645040	26647274	H2AZ_Rep2_peak_21070	107
26661267	26663614	H2AZ_Rep2_peak_21071	84
26683745	26685116	H2AZ_Rep2_peak_21072	74
26696938	26698484	H2AZ_Rep2_peak_21073	35
26731750	26735349	H2AZ_Rep2_peak_21076	121
26743631	26744432	H2AZ_Rep2_peak_21077	66
26822048	26823839	H2AZ_Rep2_peak_21083	30
26834565	26835546	H2AZ_Rep2_peak_21084	51
26840877	26842054	H2AZ_Rep2_peak_21085	50
26851848	26853356	H2AZ_Rep2_peak_21086	34
26854880	26855828	H2AZ_Rep2_peak_21087	77
26859588	26860515	H2AZ_Rep2_peak_21088	37
26878747	26880025	H2AZ_Rep2_peak_21090	37
26897716	26899201	H2AZ_Rep2_peak_21091	165
26925269	26927497	H2AZ_Rep2_peak_21093	126
26971247	26973854	H2AZ_Rep2_peak_21094	47
26988512	26989778	H2AZ_Rep2_peak_21095	125
27043751	27047231	H2AZ_Rep2_peak_21097	47
27052579	27056818	H2AZ_Rep2_peak_21098	63
27070184	27070576	H2AZ_Rep2_peak_21101	31
27138530	27140305	H2AZ_Rep2_peak_21102	55
27168845	27171002	H2AZ_Rep2_peak_21103	121
27181179	27182739	H2AZ_Rep2_peak_21104	239
27223581	27225319	H2AZ_Rep2_peak_21105	69
27229094	27230528	H2AZ_Rep2_peak_21106	94
27275948	27280777	H2AZ_Rep2_peak_21107	70

27459311	27460596	H2AZ_Rep2_peak_21110	37
27466900	27468129	H2AZ_Rep2_peak_21111	27
27475409	27476008	H2AZ_Rep2_peak_21112	64
27481210	27483144	H2AZ_Rep2_peak_21113	30
27503244	27504949	H2AZ_Rep2_peak_21114	78
27506150	27508765	H2AZ_Rep2_peak_21115	137
27546279	27547068	H2AZ_Rep2_peak_21119	21
27620853	27621826	H2AZ_Rep2_peak_21122	114
27696870	27697606	H2AZ_Rep2_peak_21124	70
27706273	27706885	H2AZ_Rep2_peak_21126	48
27716709	27718559	H2AZ_Rep2_peak_21127	68
27892576	27896280	H2AZ_Rep2_peak_21128	107
27915857	27921950	H2AZ_Rep2_peak_21129	76
27946896	27947556	H2AZ_Rep2_peak_21130	49
27966068	27966794	H2AZ_Rep2_peak_21132	29
28087843	28088820	H2AZ_Rep2_peak_21133	96
28255847	28258857	H2AZ_Rep2_peak_21134	106
28285760	28287405	H2AZ_Rep2_peak_21135	81
28420431	28423115	H2AZ_Rep2_peak_21137	56
28420431	28423115	H2AZ_Rep2_peak_21137	56
28431602	28432141	H2AZ_Rep2_peak_21138	130
28439580	28440787	H2AZ_Rep2_peak_21139	44
28442227	28444465	H2AZ_Rep2_peak_21140	85
28618025	28619668	H2AZ_Rep2_peak_21143	74
28671316	28673088	H2AZ_Rep2_peak_21147	65
28702983	28707402	H2AZ_Rep2_peak_21150	68
28802284	28804984	H2AZ_Rep2_peak_21151	148
28926751	28928693	H2AZ_Rep2_peak_21152	91
29058138	29059050	H2AZ_Rep2_peak_21155	23
29150939	29153645	H2AZ_Rep2_peak_21156	78
29157933	29159850	H2AZ_Rep2_peak_21157	186
29232659	29234290	H2AZ_Rep2_peak_21158	248
29297245	29299008	H2AZ_Rep2_peak_21159	130
29378400	29380288	H2AZ_Rep2_peak_21160	73
29421294	29423045	H2AZ_Rep2_peak_21162	38
29813710	29815504	H2AZ_Rep2_peak_21169	30
29851905	29853504	H2AZ_Rep2_peak_21172	67
29876007	29877843	H2AZ_Rep2_peak_21175	83
29885323	29886827	H2AZ_Rep2_peak_21176	34
29897321	29898904	H2AZ_Rep2_peak_21177	64
29907736	29908988	H2AZ_Rep2_peak_21178	126
29922644	29924531	H2AZ_Rep2_peak_21180	133
30000872	30002008	H2AZ_Rep2_peak_21181	27



30114920	30117555	H2AZ_Rep2_peak_21185	46
30169031	30170335	H2AZ_Rep2_peak_21189	25
30185235	30187043	H2AZ_Rep2_peak_21190	60
30228062	30231264	H2AZ_Rep2_peak_21191	94
30263430	30264510	H2AZ_Rep2_peak_21193	41
30333580	30335908	H2AZ_Rep2_peak_21194	93
30394118	30394579	H2AZ_Rep2_peak_21195	38
30450149	30455722	H2AZ_Rep2_peak_21199	47
30465942	30466313	H2AZ_Rep2_peak_21200	20
30468314	30470665	H2AZ_Rep2_peak_21201	83
30667890	30670123	H2AZ_Rep2_peak_21206	136
30676562	30677630	H2AZ_Rep2_peak_21207	62
30770275	30772367	H2AZ_Rep2_peak_21208	100
30812633	30813663	H2AZ_Rep2_peak_21209	59
31203723	31204680	H2AZ_Rep2_peak_21214	28
33287488	33289246	H2AZ_Rep2_peak_21217	176
33306491	33308592	H2AZ_Rep2_peak_21218	38
33389912	33391165	H2AZ_Rep2_peak_21219	20
33414138	33417246	H2AZ_Rep2_peak_21220	122
33445900	33447492	H2AZ_Rep2_peak_21221	150
33468624	33470632	H2AZ_Rep2_peak_21222	142
33514219	33516734	H2AZ_Rep2_peak_21225	22
33569149	33570487	H2AZ_Rep2_peak_21227	15
33794964	33797593	H2AZ_Rep2_peak_21229	49
33866473	33868559	H2AZ_Rep2_peak_21230	35
33894104	33895934	H2AZ_Rep2_peak_21232	87
33904747	33906472	H2AZ_Rep2_peak_21233	119
33913692	33915008	H2AZ_Rep2_peak_21234	161
34073744	34076070	H2AZ_Rep2_peak_21235	88
34091010	34092675	H2AZ_Rep2_peak_21236	35
34110229	34112078	H2AZ_Rep2_peak_21237	65
34113947	34116411	H2AZ_Rep2_peak_21238	62
34113947	34116411	H2AZ_Rep2_peak_21238	62
34121796	34124361	H2AZ_Rep2_peak_21239	143
34127013	34127720	H2AZ_Rep2_peak_21240	31
34131978	34136941	H2AZ_Rep2_peak_21241	102
34217118	34219365	H2AZ_Rep2_peak_21242	35
34227656	34227989	H2AZ_Rep2_peak_21243	34
34274210	34274831	H2AZ_Rep2_peak_21245	52
34838497	34839390	H2AZ_Rep2_peak_21247	37
34841413	34843193	H2AZ_Rep2_peak_21248	155
34889829	34891495	H2AZ_Rep2_peak_21249	87
34899745	34901863	H2AZ_Rep2_peak_21250	72

34947941	34949789	H2AZ_Rep2_peak_21251	42
34956421	34960656	H2AZ_Rep2_peak_21252	124
35206892	35209192	H2AZ_Rep2_peak_21256	95
35215785	35216832	H2AZ_Rep2_peak_21257	93
35277538	35279804	H2AZ_Rep2_peak_21261	67
35288846	35291189	H2AZ_Rep2_peak_21262	56
35292658	35293831	H2AZ_Rep2_peak_21263	85
35303587	35306969	H2AZ_Rep2_peak_21264	103
35424466	35425918	H2AZ_Rep2_peak_21265	124
35715066	35717097	H2AZ_Rep2_peak_21266	81
35730190	35730692	H2AZ_Rep2_peak_21267	73
35748759	35749444	H2AZ_Rep2_peak_21268	82
35765729	35767982	H2AZ_Rep2_peak_21269	137
35848250	35851628	H2AZ_Rep2_peak_21271	83
35968489	35970027	H2AZ_Rep2_peak_21272	37
36002864	36004665	H2AZ_Rep2_peak_21273	79
36032292	36032980	H2AZ_Rep2_peak_21274	30
36068134	36069064	H2AZ_Rep2_peak_21278	23
36184082	36184974	H2AZ_Rep2_peak_21282	48
36187954	36188560	H2AZ_Rep2_peak_21283	19
36432996	36433499	H2AZ_Rep2_peak_21284	42
36442597	36443286	H2AZ_Rep2_peak_21285	59
36451902	36453492	H2AZ_Rep2_peak_21286	37
36507193	36508550	H2AZ_Rep2_peak_21288	102
36570853	36574562	H2AZ_Rep2_peak_21290	213
36583981	36585502	H2AZ_Rep2_peak_21292	73
36600217	36600847	H2AZ_Rep2_peak_21293	31
36607540	36610801	H2AZ_Rep2_peak_21294	32
36713239	36715851	H2AZ_Rep2_peak_21296	143
36740165	36744767	H2AZ_Rep2_peak_21297	107
36747274	36748581	H2AZ_Rep2_peak_21298	26
36761947	36762742	H2AZ_Rep2_peak_21299	55
36819348	36819883	H2AZ_Rep2_peak_21300	37
36830510	36833902	H2AZ_Rep2_peak_21302	55
36857447	36863043	H2AZ_Rep2_peak_21303	37
36886742	36887422	H2AZ_Rep2_peak_21304	124
36903925	36909601	H2AZ_Rep2_peak_21305	82
36955025	36956687	H2AZ_Rep2_peak_21306	82
36981018	36982119	H2AZ_Rep2_peak_21307	86
36991541	36992142	H2AZ_Rep2_peak_21309	30
37009636	37010488	H2AZ_Rep2_peak_21310	63
37013711	37014393	H2AZ_Rep2_peak_21311	15
37019342	37020436	H2AZ_Rep2_peak_21312	68

37023504	37027982	H2AZ_Rep2_peak_21313	88
37088186	37088633	H2AZ_Rep2_peak_21314	23
37123239	37124208	H2AZ_Rep2_peak_21315	124
37156826	37159865	H2AZ_Rep2_peak_21316	85
37170419	37172729	H2AZ_Rep2_peak_21317	33
37182943	37184137	H2AZ_Rep2_peak_21319	61
37212566	37213700	H2AZ_Rep2_peak_21320	166
37266713	37267452	H2AZ_Rep2_peak_21322	38
37294383	37296460	H2AZ_Rep2_peak_21324	50
37308570	37312263	H2AZ_Rep2_peak_21325	93
37320877	37321319	H2AZ_Rep2_peak_21326	27
37352228	37356912	H2AZ_Rep2_peak_21327	89
37352228	37356912	H2AZ_Rep2_peak_21327	89
37365187	37366489	H2AZ_Rep2_peak_21328	55
37369105	37370523	H2AZ_Rep2_peak_21329	30
37386997	37388336	H2AZ_Rep2_peak_21330	32
37391786	37392768	H2AZ_Rep2_peak_21331	23
37394293	37396032	H2AZ_Rep2_peak_21332	131
37556876	37558799	H2AZ_Rep2_peak_21334	114
37606579	37608279	H2AZ_Rep2_peak_21335	119
37616685	37618626	H2AZ_Rep2_peak_21336	58
37729949	37730710	H2AZ_Rep2_peak_21337	94
37773329	37775339	H2AZ_Rep2_peak_21339	78
37790590	37795072	H2AZ_Rep2_peak_21341	124
37843028	37845426	H2AZ_Rep2_peak_21342	110
37855755	37856807	H2AZ_Rep2_peak_21343	44
37886113	37887173	H2AZ_Rep2_peak_21344	46
37892952	37897949	H2AZ_Rep2_peak_21345	46
37909814	37911968	H2AZ_Rep2_peak_21347	118
38082984	38085194	H2AZ_Rep2_peak_21349	41
38108405	38111298	H2AZ_Rep2_peak_21351	55
38136015	38137769	H2AZ_Rep2_peak_21355	114
38210116	38211411	H2AZ_Rep2_peak_21357	191
38218517	38220144	H2AZ_Rep2_peak_21358	76
38224489	38229450	H2AZ_Rep2_peak_21359	32
38254958	38258249	H2AZ_Rep2_peak_21360	43
38266392	38271053	H2AZ_Rep2_peak_21362	50
38266392	38271053	H2AZ_Rep2_peak_21362	50
38277299	38277908	H2AZ_Rep2_peak_21363	63
38295795	38297397	H2AZ_Rep2_peak_21365	71
38336000	38337413	H2AZ_Rep2_peak_21367	30
38357907	38358351	H2AZ_Rep2_peak_21368	29
38373090	38376590	H2AZ_Rep2_peak_21369	72

38443561	38444732	H2AZ_Rep2_peak_21370	95
38464808	38465873	H2AZ_Rep2_peak_21371	64
38472385	38474932	H2AZ_Rep2_peak_21373	47
38514814	38516405	H2AZ_Rep2_peak_21376	43
38518428	38519631	H2AZ_Rep2_peak_21377	65
38573430	38574910	H2AZ_Rep2_peak_21378	95
38666047	38668858	H2AZ_Rep2_peak_21386	45
38688798	38694658	H2AZ_Rep2_peak_21389	27
38703968	38708280	H2AZ_Rep2_peak_21390	51
38715756	38718710	H2AZ_Rep2_peak_21391	78
38772003	38772602	H2AZ_Rep2_peak_21395	37
38776251	38776728	H2AZ_Rep2_peak_21396	46
38803417	38805220	H2AZ_Rep2_peak_21397	160
38852719	38853843	H2AZ_Rep2_peak_21401	51
38863681	38865060	H2AZ_Rep2_peak_21402	28
38875270	38875929	H2AZ_Rep2_peak_21403	14
38883047	38884377	H2AZ_Rep2_peak_21404	30
38890076	38890880	H2AZ_Rep2_peak_21405	35
39059005	39060087	H2AZ_Rep2_peak_21411	36
39533636	39534418	H2AZ_Rep2_peak_21417	26
39652966	39654854	H2AZ_Rep2_peak_21422	94
39656135	39657140	H2AZ_Rep2_peak_21423	52
39675833	39678914	H2AZ_Rep2_peak_21425	41
39683923	39688852	H2AZ_Rep2_peak_21426	59
39700594	39701366	H2AZ_Rep2_peak_21428	82
39702846	39706380	H2AZ_Rep2_peak_21429	124
39735120	39737056	H2AZ_Rep2_peak_21430	30
39768762	39769491	H2AZ_Rep2_peak_21431	38
39780419	39781463	H2AZ_Rep2_peak_21432	35
39791199	39791797	H2AZ_Rep2_peak_21434	22
39801735	39813306	H2AZ_Rep2_peak_21436	143
39801735	39813306	H2AZ_Rep2_peak_21436	143
39801735	39813306	H2AZ_Rep2_peak_21436	143
39801735	39813306	H2AZ_Rep2_peak_21436	143
39821713	39824002	H2AZ_Rep2_peak_21437	166
39834728	39836555	H2AZ_Rep2_peak_21438	76
39844112	39844956	H2AZ_Rep2_peak_21439	50
39873663	39874791	H2AZ_Rep2_peak_21442	52
39894351	39896448	H2AZ_Rep2_peak_21443	159
39942174	39942920	H2AZ_Rep2_peak_21444	38
39948870	39951135	H2AZ_Rep2_peak_21445	61
39955830	39958135	H2AZ_Rep2_peak_21446	44
39967192	39970050	H2AZ_Rep2_peak_21447	120

39991674	39993239	H2AZ_Rep2_peak_21448	85
40020706	40022172	H2AZ_Rep2_peak_21450	131
40074156	40076485	H2AZ_Rep2_peak_21451	108
40085395	40089455	H2AZ_Rep2_peak_21452	122
40111292	40112195	H2AZ_Rep2_peak_21453	21
40117538	40119629	H2AZ_Rep2_peak_21454	44
40168786	40172512	H2AZ_Rep2_peak_21455	130
40168786	40172512	H2AZ_Rep2_peak_21455	130
40201875	40203039	H2AZ_Rep2_peak_21456	88
40225541	40225906	H2AZ_Rep2_peak_21457	15
40233948	40234663	H2AZ_Rep2_peak_21458	80
40253662	40254309	H2AZ_Rep2_peak_21459	129
40306164	40308501	H2AZ_Rep2_peak_21461	45
40345783	40346976	H2AZ_Rep2_peak_21463	308
40427305	40429553	H2AZ_Rep2_peak_21464	31
40439202	40441183	H2AZ_Rep2_peak_21465	72
40539895	40542374	H2AZ_Rep2_peak_21467	58
40574494	40575835	H2AZ_Rep2_peak_21468	62
40610492	40611777	H2AZ_Rep2_peak_21470	51
40670176	40672873	H2AZ_Rep2_peak_21471	42
40682438	40684555	H2AZ_Rep2_peak_21473	65
40687333	40690204	H2AZ_Rep2_peak_21474	76
40706189	40707569	H2AZ_Rep2_peak_21475	99
40713517	40715071	H2AZ_Rep2_peak_21476	124
40719000	40720911	H2AZ_Rep2_peak_21477	65
40729220	40730460	H2AZ_Rep2_peak_21478	93
40760692	40762168	H2AZ_Rep2_peak_21479	117
40810830	40812718	H2AZ_Rep2_peak_21483	112
40827505	40834855	H2AZ_Rep2_peak_21484	72
40827505	40834855	H2AZ_Rep2_peak_21484	72
40827505	40834855	H2AZ_Rep2_peak_21484	72
40895759	40897700	H2AZ_Rep2_peak_21485	101
40914580	40916583	H2AZ_Rep2_peak_21487	30
40924415	40926163	H2AZ_Rep2_peak_21488	76
40950046	40951396	H2AZ_Rep2_peak_21489	165
40975631	40977541	H2AZ_Rep2_peak_21490	62
40984285	40986228	H2AZ_Rep2_peak_21491	183
41081076	41081468	H2AZ_Rep2_peak_21494	39
41115987	41117522	H2AZ_Rep2_peak_21495	121
41131383	41133562	H2AZ_Rep2_peak_21496	118
41149482	41150883	H2AZ_Rep2_peak_21497	29
41158532	41159365	H2AZ_Rep2_peak_21498	171
41173055	41174876	H2AZ_Rep2_peak_21499	146

41276755	41278415	H2AZ_Rep2_peak_21500	86
41321060	41323965	H2AZ_Rep2_peak_21501	78
41386923	41387677	H2AZ_Rep2_peak_21503	29
41392367	41393392	H2AZ_Rep2_peak_21504	115
41411323	41411738	H2AZ_Rep2_peak_21506	57
41437320	41439265	H2AZ_Rep2_peak_21508	67
41445489	41447264	H2AZ_Rep2_peak_21509	45
41465400	41467375	H2AZ_Rep2_peak_21510	147
41470402	41476511	H2AZ_Rep2_peak_21511	72
41470402	41476511	H2AZ_Rep2_peak_21511	72
41470402	41476511	H2AZ_Rep2_peak_21511	72
41484275	41489411	H2AZ_Rep2_peak_21512	39
41484275	41489411	H2AZ_Rep2_peak_21512	39
41494435	41497020	H2AZ_Rep2_peak_21513	97
41504892	41505204	H2AZ_Rep2_peak_21515	43
41506483	41507069	H2AZ_Rep2_peak_21516	31
41521766	41522485	H2AZ_Rep2_peak_21519	102
41534018	41538441	H2AZ_Rep2_peak_21522	79
41534018	41538441	H2AZ_Rep2_peak_21522	79
41545599	41547220	H2AZ_Rep2_peak_21523	41
41559389	41562050	H2AZ_Rep2_peak_21525	110
41621684	41624275	H2AZ_Rep2_peak_21526	78
41632397	41634282	H2AZ_Rep2_peak_21527	34
41733650	41734348	H2AZ_Rep2_peak_21532	58
41739055	41740424	H2AZ_Rep2_peak_21533	38
41742423	41743493	H2AZ_Rep2_peak_21534	29
41754840	41755933	H2AZ_Rep2_peak_21536	54
41810375	41810849	H2AZ_Rep2_peak_21544	25
41825457	41827705	H2AZ_Rep2_peak_21545	30
41855494	41857097	H2AZ_Rep2_peak_21546	74
41867760	41869636	H2AZ_Rep2_peak_21547	49
41909687	41911748	H2AZ_Rep2_peak_21548	38
41916809	41918515	H2AZ_Rep2_peak_21549	118
41956019	41956402	H2AZ_Rep2_peak_21551	36
41977256	41978793	H2AZ_Rep2_peak_21552	73
41983636	41985543	H2AZ_Rep2_peak_21553	33
42071777	42072904	H2AZ_Rep2_peak_21556	52
42083789	42085646	H2AZ_Rep2_peak_21558	99
42091789	42093118	H2AZ_Rep2_peak_21559	182
42142991	42144957	H2AZ_Rep2_peak_21560	40
42147438	42149410	H2AZ_Rep2_peak_21561	69
42172918	42173664	H2AZ_Rep2_peak_21562	129
42200244	42201848	H2AZ_Rep2_peak_21563	115

42214837	42216407	H2AZ_Rep2_peak_21565	72
42218812	42220269	H2AZ_Rep2_peak_21566	32
42263684	42264952	H2AZ_Rep2_peak_21567	93
42275984	42276420	H2AZ_Rep2_peak_21568	20
42277830	42278401	H2AZ_Rep2_peak_21569	69
42295158	42295807	H2AZ_Rep2_peak_21571	23
42298641	42299049	H2AZ_Rep2_peak_21572	60
42312126	42313463	H2AZ_Rep2_peak_21573	59
42324940	42325961	H2AZ_Rep2_peak_21574	54
42356776	42357908	H2AZ_Rep2_peak_21575	68
42386427	42387070	H2AZ_Rep2_peak_21577	83
42401791	42404580	H2AZ_Rep2_peak_21578	43
42415661	42416282	H2AZ_Rep2_peak_21581	34
42421393	42423515	H2AZ_Rep2_peak_21582	35
42440513	42441483	H2AZ_Rep2_peak_21583	35
42462331	42463889	H2AZ_Rep2_peak_21584	126
42580238	42581734	H2AZ_Rep2_peak_21585	177
42600413	42601344	H2AZ_Rep2_peak_21586	126
42610758	42611764	H2AZ_Rep2_peak_21587	157
42613145	42614056	H2AZ_Rep2_peak_21588	45
42620529	42621825	H2AZ_Rep2_peak_21589	44
42623921	42626369	H2AZ_Rep2_peak_21590	80
42632673	42635388	H2AZ_Rep2_peak_21591	81
42766204	42768804	H2AZ_Rep2_peak_21594	176
42784679	42787046	H2AZ_Rep2_peak_21595	152
42851875	42854025	H2AZ_Rep2_peak_21596	166
42856207	42857310	H2AZ_Rep2_peak_21597	78
42871649	42873768	H2AZ_Rep2_peak_21598	81
42906416	42908041	H2AZ_Rep2_peak_21599	37
42976162	42979533	H2AZ_Rep2_peak_21600	78
42996778	42997809	H2AZ_Rep2_peak_21603	75
43024238	43025790	H2AZ_Rep2_peak_21605	103
43037710	43038195	H2AZ_Rep2_peak_21606	26
43045903	43046329	H2AZ_Rep2_peak_21607	80
43057466	43059304	H2AZ_Rep2_peak_21609	61
43095889	43097066	H2AZ_Rep2_peak_21611	29
43099304	43099730	H2AZ_Rep2_peak_21612	29
43127896	43129961	H2AZ_Rep2_peak_21613	54
43137886	43139086	H2AZ_Rep2_peak_21614	136
43204647	43210813	H2AZ_Rep2_peak_21617	47
43204647	43210813	H2AZ_Rep2_peak_21617	47
43212881	43213566	H2AZ_Rep2_peak_21618	104
43224175	43225614	H2AZ_Rep2_peak_21619	91

43227196	43227496	H2AZ_Rep2_peak_21620	17
43238323	43240069	H2AZ_Rep2_peak_21621	71
43248331	43250738	H2AZ_Rep2_peak_21622	27
43253261	43254013	H2AZ_Rep2_peak_21623	79
43274233	43275411	H2AZ_Rep2_peak_21624	75
43301834	43306948	H2AZ_Rep2_peak_21625	26
43324732	43327469	H2AZ_Rep2_peak_21626	21
43662612	43663948	H2AZ_Rep2_peak_21627	27
43971434	43972151	H2AZ_Rep2_peak_21629	21
44343823	44345264	H2AZ_Rep2_peak_21630	51
44847412	44850511	H2AZ_Rep2_peak_21633	80
44859495	44860514	H2AZ_Rep2_peak_21634	160
44999846	45001113	H2AZ_Rep2_peak_21642	258
45078298	45079253	H2AZ_Rep2_peak_21644	31
45144304	45144989	H2AZ_Rep2_peak_21645	109
45177080	45178345	H2AZ_Rep2_peak_21646	53
45265632	45268555	H2AZ_Rep2_peak_21647	88
45302311	45303871	H2AZ_Rep2_peak_21650	32
45306871	45308116	H2AZ_Rep2_peak_21651	73
45316973	45318556	H2AZ_Rep2_peak_21653	97
45329697	45331601	H2AZ_Rep2_peak_21654	21
45334887	45335858	H2AZ_Rep2_peak_21655	94
45356160	45357209	H2AZ_Rep2_peak_21657	37
45365881	45366458	H2AZ_Rep2_peak_21658	16
45400582	45402277	H2AZ_Rep2_peak_21660	168
45569440	45570319	H2AZ_Rep2_peak_21661	41
45589099	45589408	H2AZ_Rep2_peak_21662	34
45726098	45726919	H2AZ_Rep2_peak_21663	111
45897401	45899967	H2AZ_Rep2_peak_21666	105
45908198	45909798	H2AZ_Rep2_peak_21667	155
45917817	45920616	H2AZ_Rep2_peak_21668	146
45928030	45928408	H2AZ_Rep2_peak_21669	38
45939907	45940914	H2AZ_Rep2_peak_21670	91
45971272	45974374	H2AZ_Rep2_peak_21672	90
46013179	46014361	H2AZ_Rep2_peak_21673	66
46018297	46019808	H2AZ_Rep2_peak_21674	95
46044743	46045636	H2AZ_Rep2_peak_21676	85
46047374	46049190	H2AZ_Rep2_peak_21677	179
46079557	46080731	H2AZ_Rep2_peak_21679	180
46088876	46089275	H2AZ_Rep2_peak_21681	34
46100240	46104856	H2AZ_Rep2_peak_21683	114
46124493	46126665	H2AZ_Rep2_peak_21686	151
46177780	46179289	H2AZ_Rep2_peak_21687	107



46184239	46186298	H2AZ_Rep2_peak_21688	183
46522074	46522438	H2AZ_Rep2_peak_21692	17
46549699	46550369	H2AZ_Rep2_peak_21694	27
46680126	46683441	H2AZ_Rep2_peak_21696	68
46687187	46690976	H2AZ_Rep2_peak_21697	78
46703220	46703640	H2AZ_Rep2_peak_21698	41
46723667	46724891	H2AZ_Rep2_peak_21699	32
46749095	46749581	H2AZ_Rep2_peak_21700	129
46755482	46757408	H2AZ_Rep2_peak_21701	48
46805295	46807078	H2AZ_Rep2_peak_21702	39
46868158	46869905	H2AZ_Rep2_peak_21705	80
46877833	46879152	H2AZ_Rep2_peak_21707	25
46882065	46882838	H2AZ_Rep2_peak_21708	26
46893994	46895178	H2AZ_Rep2_peak_21709	58
46907986	46909326	H2AZ_Rep2_peak_21710	156
46969072	46971079	H2AZ_Rep2_peak_21712	123
46984942	46986122	H2AZ_Rep2_peak_21713	133
47021106	47022886	H2AZ_Rep2_peak_21714	106
47037094	47039555	H2AZ_Rep2_peak_21715	24
47049554	47050276	H2AZ_Rep2_peak_21716	23
47073674	47077458	H2AZ_Rep2_peak_21717	54
47154144	47154956	H2AZ_Rep2_peak_21718	47
47268046	47270829	H2AZ_Rep2_peak_21721	82
47274629	47275224	H2AZ_Rep2_peak_21722	29
47304736	47305585	H2AZ_Rep2_peak_21723	16
47306990	47308525	H2AZ_Rep2_peak_21724	57
47325320	47327311	H2AZ_Rep2_peak_21725	27
47329569	47329932	H2AZ_Rep2_peak_21726	37
47337090	47338712	H2AZ_Rep2_peak_21727	184
47437882	47440611	H2AZ_Rep2_peak_21728	74
47464712	47469936	H2AZ_Rep2_peak_21730	126
47471249	47472567	H2AZ_Rep2_peak_21731	24
47491519	47493150	H2AZ_Rep2_peak_21732	166
47585209	47587395	H2AZ_Rep2_peak_21735	73
47591776	47593735	H2AZ_Rep2_peak_21736	197
47600985	47601619	H2AZ_Rep2_peak_21737	23
47632859	47635172	H2AZ_Rep2_peak_21739	93
47645147	47648978	H2AZ_Rep2_peak_21740	55
47754478	47756218	H2AZ_Rep2_peak_21741	101
47765250	47768795	H2AZ_Rep2_peak_21744	74
47784480	47787246	H2AZ_Rep2_peak_21746	119
47865175	47866463	H2AZ_Rep2_peak_21748	114
47957842	47958423	H2AZ_Rep2_peak_21750	30

47978878	47979887	H2AZ_Rep2_peak_21751	20
48036199	48037476	H2AZ_Rep2_peak_21757	63
48044844	48046666	H2AZ_Rep2_peak_21758	113
48063953	48065978	H2AZ_Rep2_peak_21760	31
48072238	48076437	H2AZ_Rep2_peak_21761	84
48104146	48108034	H2AZ_Rep2_peak_21764	74
48111013	48115814	H2AZ_Rep2_peak_21765	30
48122835	48123404	H2AZ_Rep2_peak_21766	28
48124753	48125149	H2AZ_Rep2_peak_21767	47
48126974	48129109	H2AZ_Rep2_peak_21768	34
48130467	48131075	H2AZ_Rep2_peak_21769	21
48132549	48134763	H2AZ_Rep2_peak_21770	37
48171857	48173134	H2AZ_Rep2_peak_21771	153
48177497	48180248	H2AZ_Rep2_peak_21772	28
48227301	48233121	H2AZ_Rep2_peak_21776	45
48227301	48233121	H2AZ_Rep2_peak_21776	45
48238118	48239450	H2AZ_Rep2_peak_21777	224
48254927	48257474	H2AZ_Rep2_peak_21781	67
48276875	48278851	H2AZ_Rep2_peak_21782	53
48350436	48352342	H2AZ_Rep2_peak_21783	63
48365504	48369066	H2AZ_Rep2_peak_21784	118
48422414	48424570	H2AZ_Rep2_peak_21790	81
48450003	48451038	H2AZ_Rep2_peak_21791	202
48473954	48475646	H2AZ_Rep2_peak_21792	85
48501132	48505061	H2AZ_Rep2_peak_21794	72
48529376	48530704	H2AZ_Rep2_peak_21796	28
48555382	48557356	H2AZ_Rep2_peak_21798	103
48564734	48565728	H2AZ_Rep2_peak_21799	37
48575252	48575788	H2AZ_Rep2_peak_21800	56
48580953	48583278	H2AZ_Rep2_peak_21801	25
48588326	48589203	H2AZ_Rep2_peak_21802	30
48595200	48595564	H2AZ_Rep2_peak_21803	36
48610959	48611946	H2AZ_Rep2_peak_21804	57
48618918	48622115	H2AZ_Rep2_peak_21806	83
48623825	48625147	H2AZ_Rep2_peak_21807	29
48711740	48713078	H2AZ_Rep2_peak_21811	43
48761938	48764833	H2AZ_Rep2_peak_21815	53
48784452	48787741	H2AZ_Rep2_peak_21816	60
48796366	48797379	H2AZ_Rep2_peak_21817	100
48845573	48845942	H2AZ_Rep2_peak_21818	35
48901034	48901349	H2AZ_Rep2_peak_21822	23
48918698	48919896	H2AZ_Rep2_peak_21823	19
48922356	48923444	H2AZ_Rep2_peak_21824	32

48928994	48930241	H2AZ_Rep2_peak_21825	85
48944224	48946323	H2AZ_Rep2_peak_21826	44
48960350	48962813	H2AZ_Rep2_peak_21828	103
48968681	48972258	H2AZ_Rep2_peak_21829	99
48981114	48983173	H2AZ_Rep2_peak_21830	22
48996873	48998516	H2AZ_Rep2_peak_21832	37
49007269	49010246	H2AZ_Rep2_peak_21833	68
49023593	49029682	H2AZ_Rep2_peak_21837	79
49197187	49200319	H2AZ_Rep2_peak_21838	53
49229807	49231871	H2AZ_Rep2_peak_21841	140
49242898	49244771	H2AZ_Rep2_peak_21842	82
49337114	49338813	H2AZ_Rep2_peak_21843	69
49449490	49450582	H2AZ_Rep2_peak_21844	77
49822752	49824036	H2AZ_Rep2_peak_21847	31
49826235	49826918	H2AZ_Rep2_peak_21848	28
52977456	52979496	H2AZ_Rep2_peak_21855	119
53044988	53047622	H2AZ_Rep2_peak_21856	158
53315321	53316861	H2AZ_Rep2_peak_21858	65
53325441	53325741	H2AZ_Rep2_peak_21859	15
53350755	53351372	H2AZ_Rep2_peak_21860	63
53498091	53499884	H2AZ_Rep2_peak_21864	99
53510081	53511878	H2AZ_Rep2_peak_21865	34
53529591	53530053	H2AZ_Rep2_peak_21867	56
53652959	53655338	H2AZ_Rep2_peak_21869	48
53828457	53829693	H2AZ_Rep2_peak_21871	99
54239785	54241039	H2AZ_Rep2_peak_21873	16
54248565	54253215	H2AZ_Rep2_peak_21875	26
54262783	54264298	H2AZ_Rep2_peak_21876	47
54280802	54281172	H2AZ_Rep2_peak_21878	19
54299355	54300157	H2AZ_Rep2_peak_21879	34
54367395	54368000	H2AZ_Rep2_peak_21880	19
54669646	54676746	H2AZ_Rep2_peak_21882	60
54758680	54760073	H2AZ_Rep2_peak_21884	18
54829808	54834356	H2AZ_Rep2_peak_21889	50
54856812	54859556	H2AZ_Rep2_peak_21890	81
54909774	54912699	H2AZ_Rep2_peak_21897	85
54989616	54991546	H2AZ_Rep2_peak_21898	72
55038049	55038534	H2AZ_Rep2_peak_21899	94
55055050	55056563	H2AZ_Rep2_peak_21900	77
55086278	55087819	H2AZ_Rep2_peak_21901	35
55131408	55132013	H2AZ_Rep2_peak_21906	64
55138550	55140898	H2AZ_Rep2_peak_21907	20
55161804	55163978	H2AZ_Rep2_peak_21908	132

55220448	55220780	H2AZ_Rep2_peak_21909	23
55235785	55236608	H2AZ_Rep2_peak_21910	27
55244027	55245202	H2AZ_Rep2_peak_21911	60
55287800	55289679	H2AZ_Rep2_peak_21913	61
55292118	55293972	H2AZ_Rep2_peak_21914	71
55320239	55321694	H2AZ_Rep2_peak_21916	13
55332282	55335403	H2AZ_Rep2_peak_21917	37
55332282	55335403	H2AZ_Rep2_peak_21917	37
55619054	55619735	H2AZ_Rep2_peak_21920	35
55926464	55929494	H2AZ_Rep2_peak_21924	144
55938117	55939843	H2AZ_Rep2_peak_21925	22
55952533	55954008	H2AZ_Rep2_peak_21926	26
55956464	55956781	H2AZ_Rep2_peak_21927	24
55976388	55977831	H2AZ_Rep2_peak_21929	73
55980060	55980867	H2AZ_Rep2_peak_21930	165
56032859	56035283	H2AZ_Rep2_peak_21933	78
56064384	56066469	H2AZ_Rep2_peak_21934	101
56084173	56085686	H2AZ_Rep2_peak_21935	131
56158914	56161667	H2AZ_Rep2_peak_21937	80
56190433	56190756	H2AZ_Rep2_peak_21938	24
56266931	56269099	H2AZ_Rep2_peak_21940	43
56295790	56297567	H2AZ_Rep2_peak_21941	227
56327220	56327926	H2AZ_Rep2_peak_21942	37
56428813	56430643	H2AZ_Rep2_peak_21945	136
56591221	56591982	H2AZ_Rep2_peak_21948	79
56594616	56596761	H2AZ_Rep2_peak_21949	160
56598145	56598812	H2AZ_Rep2_peak_21950	39
56602226	56603363	H2AZ_Rep2_peak_21951	97
56612092	56612965	H2AZ_Rep2_peak_21953	21
56675997	56676851	H2AZ_Rep2_peak_21954	29
56709388	56710731	H2AZ_Rep2_peak_21955	50
56736551	56737214	H2AZ_Rep2_peak_21958	92
56769089	56770615	H2AZ_Rep2_peak_21960	222
56818244	56819045	H2AZ_Rep2_peak_21961	41
57183409	57185090	H2AZ_Rep2_peak_21963	78
57231555	57233864	H2AZ_Rep2_peak_21964	47
57236206	57239097	H2AZ_Rep2_peak_21965	24
57286692	57288035	H2AZ_Rep2_peak_21967	104
57297184	57298790	H2AZ_Rep2_peak_21969	308
57373637	57374536	H2AZ_Rep2_peak_21971	15
57406910	57410500	H2AZ_Rep2_peak_21974	52
57439133	57440257	H2AZ_Rep2_peak_21975	22
57500090	57502595	H2AZ_Rep2_peak_21978	124

57598353	57599324	H2AZ_Rep2_peak_21984	26
57642071	57643730	H2AZ_Rep2_peak_21986	342
57695865	57697604	H2AZ_Rep2_peak_21987	78
57784510	57785715	H2AZ_Rep2_peak_21988	100
57924000	57924571	H2AZ_Rep2_peak_21989	32
57929219	57931006	H2AZ_Rep2_peak_21990	81
57932757	57934991	H2AZ_Rep2_peak_21991	15
57969396	57971189	H2AZ_Rep2_peak_21992	175
58041152	58042812	H2AZ_Rep2_peak_21993	179
58114189	58115310	H2AZ_Rep2_peak_21994	111
58154581	58157413	H2AZ_Rep2_peak_21995	112
58159331	58159951	H2AZ_Rep2_peak_21996	65
58164250	58165749	H2AZ_Rep2_peak_21997	45
58211687	58213829	H2AZ_Rep2_peak_21999	86
58219201	58220927	H2AZ_Rep2_peak_22000	90
58468419	58470870	H2AZ_Rep2_peak_22004	65
58483738	58486345	H2AZ_Rep2_peak_22005	16
58512969	58513761	H2AZ_Rep2_peak_22007	26
58602588	58604453	H2AZ_Rep2_peak_22008	109
58674925	58679451	H2AZ_Rep2_peak_22009	98
58754115	58756095	H2AZ_Rep2_peak_22010	127
59415196	59415528	H2AZ_Rep2_peak_22015	22
59467121	59467675	H2AZ_Rep2_peak_22016	31
59475946	59477818	H2AZ_Rep2_peak_22017	35
59489518	59489910	H2AZ_Rep2_peak_22018	31
59493916	59494912	H2AZ_Rep2_peak_22020	35
59645808	59646476	H2AZ_Rep2_peak_22025	23
59939845	59941734	H2AZ_Rep2_peak_22027	92
60004222	60005968	H2AZ_Rep2_peak_22028	177
60142119	60143874	H2AZ_Rep2_peak_22029	80
60240361	60243382	H2AZ_Rep2_peak_22033	31
60248670	60249125	H2AZ_Rep2_peak_22034	61
60255903	60257623	H2AZ_Rep2_peak_22035	67
60283786	60284412	H2AZ_Rep2_peak_22037	20
60500614	60501966	H2AZ_Rep2_peak_22038	72
60756955	60758724	H2AZ_Rep2_peak_22039	153
60780185	60783649	H2AZ_Rep2_peak_22041	85
60792539	60793049	H2AZ_Rep2_peak_22042	30
60797627	60797961	H2AZ_Rep2_peak_22044	24
60801864	60803613	H2AZ_Rep2_peak_22045	27
60856061	60859154	H2AZ_Rep2_peak_22047	60
60896765	60897420	H2AZ_Rep2_peak_22052	35
60898838	60902772	H2AZ_Rep2_peak_22053	39

60905322	60905681	H2AZ_Rep2_peak_22054	55
60952727	60956032	H2AZ_Rep2_peak_22055	16
60970341	60970867	H2AZ_Rep2_peak_22057	24
61042186	61044766	H2AZ_Rep2_peak_22059	39
61522893	61524927	H2AZ_Rep2_peak_22061	66
61537336	61538577	H2AZ_Rep2_peak_22063	32
61555866	61557089	H2AZ_Rep2_peak_22065	99
61626756	61629012	H2AZ_Rep2_peak_22068	138
61677068	61679344	H2AZ_Rep2_peak_22069	121
61698438	61701280	H2AZ_Rep2_peak_22070	65
61752786	61753496	H2AZ_Rep2_peak_22071	38
61817978	61820176	H2AZ_Rep2_peak_22072	74
61850108	61852211	H2AZ_Rep2_peak_22073	51
61903823	61905512	H2AZ_Rep2_peak_22074	186
61919086	61921244	H2AZ_Rep2_peak_22075	39
61925638	61927184	H2AZ_Rep2_peak_22076	128
62038561	62040047	H2AZ_Rep2_peak_22078	44
62082619	62085260	H2AZ_Rep2_peak_22081	22
62102923	62104727	H2AZ_Rep2_peak_22082	78
62151435	62152148	H2AZ_Rep2_peak_22083	19
62159168	62161894	H2AZ_Rep2_peak_22084	55
62192360	62192878	H2AZ_Rep2_peak_22086	23
62206566	62208128	H2AZ_Rep2_peak_22087	32
62222245	62224151	H2AZ_Rep2_peak_22088	59
62339436	62341807	H2AZ_Rep2_peak_22090	109
62397089	62399359	H2AZ_Rep2_peak_22094	32
62403478	62405342	H2AZ_Rep2_peak_22096	35
62462411	62462782	H2AZ_Rep2_peak_22098	32
62492423	62493567	H2AZ_Rep2_peak_22099	128
62503023	62503609	H2AZ_Rep2_peak_22100	58
62657444	62659158	H2AZ_Rep2_peak_22101	104
62660444	62661117	H2AZ_Rep2_peak_22102	26
62666860	62667781	H2AZ_Rep2_peak_22103	48
62675807	62676478	H2AZ_Rep2_peak_22104	33
62696047	62697392	H2AZ_Rep2_peak_22105	57
62702395	62703980	H2AZ_Rep2_peak_22106	31
62728483	62729193	H2AZ_Rep2_peak_22107	116
62832683	62833819	H2AZ_Rep2_peak_22109	48
62961326	62963046	H2AZ_Rep2_peak_22110	17
62970824	62972565	H2AZ_Rep2_peak_22111	121
62980648	62981760	H2AZ_Rep2_peak_22112	100
62984739	62985353	H2AZ_Rep2_peak_22113	35
63051530	63053588	H2AZ_Rep2_peak_22114	82

63060614	63061155	H2AZ_Rep2_peak_22115	13
63096090	63097883	H2AZ_Rep2_peak_22117	97
63118949	63120242	H2AZ_Rep2_peak_22119	156
63132987	63134017	H2AZ_Rep2_peak_22121	44
63159839	63161376	H2AZ_Rep2_peak_22123	50
63557044	63558510	H2AZ_Rep2_peak_22128	21
64187298	64188806	H2AZ_Rep2_peak_22131	64
64268565	64270192	H2AZ_Rep2_peak_22132	24
64272132	64272918	H2AZ_Rep2_peak_22133	48
64297893	64300685	H2AZ_Rep2_peak_22134	58
64456140	64456821	H2AZ_Rep2_peak_22136	15
64498862	64499662	H2AZ_Rep2_peak_22137	32
64503487	64505799	H2AZ_Rep2_peak_22138	23
64687581	64688364	H2AZ_Rep2_peak_22141	69
64708131	64708617	H2AZ_Rep2_peak_22142	43
64901115	64903013	H2AZ_Rep2_peak_22143	112
65240373	65243186	H2AZ_Rep2_peak_22149	92
65256487	65256952	H2AZ_Rep2_peak_22150	68
65362012	65363374	H2AZ_Rep2_peak_22152	84
65370569	65371183	H2AZ_Rep2_peak_22153	59
65372674	65375829	H2AZ_Rep2_peak_22154	70
65385225	65387556	H2AZ_Rep2_peak_22155	43
65486990	65487848	H2AZ_Rep2_peak_22157	27
65667266	65668065	H2AZ_Rep2_peak_22158	55
65710969	65714941	H2AZ_Rep2_peak_22160	100
65755793	65756275	H2AZ_Rep2_peak_22161	24
65775231	65775759	H2AZ_Rep2_peak_22163	61
65795396	65796932	H2AZ_Rep2_peak_22164	24
65820677	65822614	H2AZ_Rep2_peak_22166	61
65988814	65992299	H2AZ_Rep2_peak_22167	73
65988814	65992299	H2AZ_Rep2_peak_22167	73
66006954	66007755	H2AZ_Rep2_peak_22168	108
66015571	66017085	H2AZ_Rep2_peak_22170	167
66029932	66032516	H2AZ_Rep2_peak_22172	53
66096662	66098915	H2AZ_Rep2_peak_22173	86
66179131	66182046	H2AZ_Rep2_peak_22176	32
66196566	66197539	H2AZ_Rep2_peak_22177	112
66200695	66202745	H2AZ_Rep2_peak_22178	50
66243525	66244854	H2AZ_Rep2_peak_22179	94
66254606	66256368	H2AZ_Rep2_peak_22180	23
66308470	66309181	H2AZ_Rep2_peak_22182	90
66314646	66314972	H2AZ_Rep2_peak_22183	16
66379922	66381483	H2AZ_Rep2_peak_22187	21

66393000	66396974 H2AZ_Rep2_peak_22189	94
66393000	66396974 H2AZ_Rep2_peak_22189	94
66432140	66432691 H2AZ_Rep2_peak_22190	26
66452538	66454473 H2AZ_Rep2_peak_22191	25
66457125	66459277 H2AZ_Rep2_peak_22192	49
66470275	66470885 H2AZ_Rep2_peak_22194	23
66507467	66509314 H2AZ_Rep2_peak_22195	121
66754753	66756203 H2AZ_Rep2_peak_22202	86
66789100	66791359 H2AZ_Rep2_peak_22204	19
66904319	66907608 H2AZ_Rep2_peak_22206	33
66969266	66969668 H2AZ_Rep2_peak_22207	51
66986371	66987640 H2AZ_Rep2_peak_22208	14
67026324	67026739 H2AZ_Rep2_peak_22211	14
67043156	67044449 H2AZ_Rep2_peak_22212	28
67171219	67172874 H2AZ_Rep2_peak_22215	17
67174405	67176028 H2AZ_Rep2_peak_22216	51
67264561	67265342 H2AZ_Rep2_peak_22218	38
67322007	67324075 H2AZ_Rep2_peak_22219	202
67344697	67345089 H2AZ_Rep2_peak_22220	20
67399347	67402339 H2AZ_Rep2_peak_22221	50
67410190	67412467 H2AZ_Rep2_peak_22222	125
67413719	67414487 H2AZ_Rep2_peak_22223	30
67535230	67537000 H2AZ_Rep2_peak_22225	55
67584998	67585441 H2AZ_Rep2_peak_22227	33
67728477	67731203 H2AZ_Rep2_peak_22232	39
68069529	68070828 H2AZ_Rep2_peak_22235	41
68076972	68078322 H2AZ_Rep2_peak_22236	13
68132972	68135063 H2AZ_Rep2_peak_22238	71
68165046	68166210 H2AZ_Rep2_peak_22239	87
68339797	68340856 H2AZ_Rep2_peak_22240	21
70117033	70117982 H2AZ_Rep2_peak_22246	34
70367090	70367394 H2AZ_Rep2_peak_22251	25
70370123	70370548 H2AZ_Rep2_peak_22252	38
70389635	70390168 H2AZ_Rep2_peak_22254	31
70403137	70405201 H2AZ_Rep2_peak_22255	30
70418805	70419558 H2AZ_Rep2_peak_22256	26
70461530	70462643 H2AZ_Rep2_peak_22257	49
70586864	70589459 H2AZ_Rep2_peak_22261	73
70593473	70594026 H2AZ_Rep2_peak_22262	22
70599147	70599763 H2AZ_Rep2_peak_22263	20
70609516	70610367 H2AZ_Rep2_peak_22264	66
70614202	70614652 H2AZ_Rep2_peak_22265	39
71088021	71089555 H2AZ_Rep2_peak_22274	108



71130236	71130836 H2AZ_Rep2_peak_22276	20
71139113	71139602 H2AZ_Rep2_peak_22277	16
71152111	71153178 H2AZ_Rep2_peak_22278	51
71187966	71189990 H2AZ_Rep2_peak_22279	92
71227674	71229821 H2AZ_Rep2_peak_22280	81
71307483	71309167 H2AZ_Rep2_peak_22283	50
71335710	71338975 H2AZ_Rep2_peak_22286	44
72199624	72200148 H2AZ_Rep2_peak_22294	46
72208781	72210004 H2AZ_Rep2_peak_22295	74
72375572	72377522 H2AZ_Rep2_peak_22298	63
72426276	72428613 H2AZ_Rep2_peak_22300	71
72438717	72439838 H2AZ_Rep2_peak_22301	44
72449106	72450911 H2AZ_Rep2_peak_22302	95
72452639	72453830 H2AZ_Rep2_peak_22303	31
72740796	72741408 H2AZ_Rep2_peak_22308	106
72743225	72746045 H2AZ_Rep2_peak_22309	41
72754136	72754864 H2AZ_Rep2_peak_22310	20
72772011	72773160 H2AZ_Rep2_peak_22311	95
72838486	72839187 H2AZ_Rep2_peak_22312	69
72868642	72871666 H2AZ_Rep2_peak_22314	82
72874023	72874943 H2AZ_Rep2_peak_22315	64
72949296	72949641 H2AZ_Rep2_peak_22317	38
72956160	72958136 H2AZ_Rep2_peak_22318	71
72977601	72979204 H2AZ_Rep2_peak_22319	124
72983267	72985167 H2AZ_Rep2_peak_22320	43
73007628	73009414 H2AZ_Rep2_peak_22322	92
73028149	73033007 H2AZ_Rep2_peak_22323	115
73042469	73044038 H2AZ_Rep2_peak_22324	78
73073909	73075709 H2AZ_Rep2_peak_22327	47
73082720	73085380 H2AZ_Rep2_peak_22330	22
73105837	73106782 H2AZ_Rep2_peak_22332	52
73109896	73110666 H2AZ_Rep2_peak_22333	40
73119899	73121535 H2AZ_Rep2_peak_22334	62
73127377	73128563 H2AZ_Rep2_peak_22335	48
73149399	73151562 H2AZ_Rep2_peak_22336	48
73178422	73179794 H2AZ_Rep2_peak_22337	104
73185147	73185913 H2AZ_Rep2_peak_22338	114
73200893	73202437 H2AZ_Rep2_peak_22339	157
73256893	73258784 H2AZ_Rep2_peak_22340	134
73265965	73267889 H2AZ_Rep2_peak_22341	81
73284692	73287027 H2AZ_Rep2_peak_22342	97
73389612	73390591 H2AZ_Rep2_peak_22343	45
73400419	73403113 H2AZ_Rep2_peak_22344	104

73408517	73410629 H2AZ_Rep2_peak_22345	48
73422302	73423051 H2AZ_Rep2_peak_22346	45
73424598	73427070 H2AZ_Rep2_peak_22347	102
73436941	73438838 H2AZ_Rep2_peak_22349	20
73451644	73453288 H2AZ_Rep2_peak_22351	97
73455718	73456173 H2AZ_Rep2_peak_22352	18
73510790	73513902 H2AZ_Rep2_peak_22353	68
73520454	73522697 H2AZ_Rep2_peak_22354	43
73527303	73527776 H2AZ_Rep2_peak_22355	13
73544890	73546247 H2AZ_Rep2_peak_22356	96
73574791	73575430 H2AZ_Rep2_peak_22358	64
73584819	73587332 H2AZ_Rep2_peak_22360	47
73597384	73598025 H2AZ_Rep2_peak_22361	83
73606300	73607292 H2AZ_Rep2_peak_22362	84
73662879	73663900 H2AZ_Rep2_peak_22363	60
73716698	73719537 H2AZ_Rep2_peak_22367	57
73760139	73761776 H2AZ_Rep2_peak_22368	96
73778997	73781666 H2AZ_Rep2_peak_22369	55
73839895	73842522 H2AZ_Rep2_peak_22370	41
73850410	73852663 H2AZ_Rep2_peak_22371	113
73858027	73858327 H2AZ_Rep2_peak_22372	32
73865229	73867108 H2AZ_Rep2_peak_22373	73
73868527	73869340 H2AZ_Rep2_peak_22374	85
73873630	73875162 H2AZ_Rep2_peak_22375	57
73892168	73893110 H2AZ_Rep2_peak_22376	41
73900138	73901645 H2AZ_Rep2_peak_22377	54
73936473	73937828 H2AZ_Rep2_peak_22378	86
73974466	73976298 H2AZ_Rep2_peak_22379	114
74022878	74023958 H2AZ_Rep2_peak_22381	69
74025590	74026203 H2AZ_Rep2_peak_22382	124
74067840	74069330 H2AZ_Rep2_peak_22383	210
74098968	74100545 H2AZ_Rep2_peak_22384	161
74178046	74178616 H2AZ_Rep2_peak_22390	113
74236800	74237554 H2AZ_Rep2_peak_22391	132
74260575	74262767 H2AZ_Rep2_peak_22395	21
74348969	74351116 H2AZ_Rep2_peak_22399	170
74379236	74382580 H2AZ_Rep2_peak_22400	76
74448823	74449438 H2AZ_Rep2_peak_22401	58
74496377	74498568 H2AZ_Rep2_peak_22402	90
74502179	74503349 H2AZ_Rep2_peak_22403	183
74505870	74507560 H2AZ_Rep2_peak_22404	16
74519063	74521578 H2AZ_Rep2_peak_22405	73
74525180	74527141 H2AZ_Rep2_peak_22406	160

74530890	74532287	H2AZ_Rep2_peak_22407	45
74536431	74537762	H2AZ_Rep2_peak_22408	84
74552814	74554516	H2AZ_Rep2_peak_22410	84
74581753	74583168	H2AZ_Rep2_peak_22411	40
74597326	74598572	H2AZ_Rep2_peak_22413	56
74607375	74610292	H2AZ_Rep2_peak_22414	47
74639092	74641801	H2AZ_Rep2_peak_22417	156
74654262	74656546	H2AZ_Rep2_peak_22418	59
74666710	74668709	H2AZ_Rep2_peak_22420	109
74706163	74707752	H2AZ_Rep2_peak_22421	87
74722094	74723455	H2AZ_Rep2_peak_22422	51
74733026	74734745	H2AZ_Rep2_peak_22423	50
74863273	74865433	H2AZ_Rep2_peak_22427	32
74868672	74869743	H2AZ_Rep2_peak_22428	94
74998271	74998571	H2AZ_Rep2_peak_22429	20
75016218	75016706	H2AZ_Rep2_peak_22430	84
75023299	75024339	H2AZ_Rep2_peak_22431	67
75060678	75063968	H2AZ_Rep2_peak_22433	47
75082365	75085431	H2AZ_Rep2_peak_22434	114
75099784	75100192	H2AZ_Rep2_peak_22435	32
75117802	75122853	H2AZ_Rep2_peak_22436	47
75128538	75129261	H2AZ_Rep2_peak_22437	44
75133872	75134439	H2AZ_Rep2_peak_22438	38
75135882	75137943	H2AZ_Rep2_peak_22439	43
75243253	75244726	H2AZ_Rep2_peak_22441	36
75250062	75252493	H2AZ_Rep2_peak_22442	67
75275600	75278963	H2AZ_Rep2_peak_22443	63
75315498	75316272	H2AZ_Rep2_peak_22444	22
75319090	75319681	H2AZ_Rep2_peak_22445	21
75830374	75830934	H2AZ_Rep2_peak_22447	116
76031048	76031624	H2AZ_Rep2_peak_22450	53
76035619	76037951	H2AZ_Rep2_peak_22451	151
76123544	76125617	H2AZ_Rep2_peak_22452	43
76135905	76137179	H2AZ_Rep2_peak_22454	34
76140089	76141532	H2AZ_Rep2_peak_22455	36
76164164	76164835	H2AZ_Rep2_peak_22458	69
76182516	76184540	H2AZ_Rep2_peak_22459	71
76208658	76211095	H2AZ_Rep2_peak_22460	96
76247148	76247804	H2AZ_Rep2_peak_22463	190
76250055	76251661	H2AZ_Rep2_peak_22464	163
76265395	76265876	H2AZ_Rep2_peak_22465	36
76296949	76297630	H2AZ_Rep2_peak_22468	32
76303311	76305496	H2AZ_Rep2_peak_22469	38

76309805	76314317	H2AZ_Rep2_peak_22470	51
76309805	76314317	H2AZ_Rep2_peak_22470	51
76325247	76327415	H2AZ_Rep2_peak_22471	58
76337657	76339862	H2AZ_Rep2_peak_22472	21
76347643	76350125	H2AZ_Rep2_peak_22473	23
76355751	76357186	H2AZ_Rep2_peak_22474	41
76371052	76375303	H2AZ_Rep2_peak_22475	92
76480253	76481609	H2AZ_Rep2_peak_22478	116
76537649	76538671	H2AZ_Rep2_peak_22481	39
76563959	76564893	H2AZ_Rep2_peak_22482	23
76585054	76588876	H2AZ_Rep2_peak_22485	50
76627917	76628736	H2AZ_Rep2_peak_22488	36
76640592	76642512	H2AZ_Rep2_peak_22489	62
76732405	76733362	H2AZ_Rep2_peak_22491	37
76777297	76779103	H2AZ_Rep2_peak_22492	69
76835957	76837589	H2AZ_Rep2_peak_22493	38
76857807	76859948	H2AZ_Rep2_peak_22494	52
76878430	76882552	H2AZ_Rep2_peak_22495	37
76912042	76913022	H2AZ_Rep2_peak_22496	25
76919605	76920453	H2AZ_Rep2_peak_22497	39
76929005	76931043	H2AZ_Rep2_peak_22498	127
76935452	76937180	H2AZ_Rep2_peak_22499	70
76943191	76944162	H2AZ_Rep2_peak_22500	197
76954371	76955269	H2AZ_Rep2_peak_22501	171
76956941	76959024	H2AZ_Rep2_peak_22502	67
76975407	76976722	H2AZ_Rep2_peak_22503	132
77005149	77007791	H2AZ_Rep2_peak_22504	93
77022473	77025496	H2AZ_Rep2_peak_22505	107
77034332	77035391	H2AZ_Rep2_peak_22506	57
77068255	77071718	H2AZ_Rep2_peak_22511	27
77701935	77703189	H2AZ_Rep2_peak_22516	183
77742027	77744489	H2AZ_Rep2_peak_22517	172
77766092	77767890	H2AZ_Rep2_peak_22519	67
77774543	77776245	H2AZ_Rep2_peak_22521	78
77784279	77785964	H2AZ_Rep2_peak_22523	87
77805187	77805974	H2AZ_Rep2_peak_22524	31
77813459	77814299	H2AZ_Rep2_peak_22525	74
77817644	77818218	H2AZ_Rep2_peak_22526	14
77824583	77828076	H2AZ_Rep2_peak_22527	33
77889743	77890049	H2AZ_Rep2_peak_22529	35
77892639	77893504	H2AZ_Rep2_peak_22530	38
77898539	77899681	H2AZ_Rep2_peak_22531	97
77965213	77968008	H2AZ_Rep2_peak_22533	67

77982418	77982829	H2AZ_Rep2_peak_22534	61
78009157	78010987	H2AZ_Rep2_peak_22535	82
78037881	78038731	H2AZ_Rep2_peak_22536	34
78055869	78057549	H2AZ_Rep2_peak_22538	38
78073872	78076299	H2AZ_Rep2_peak_22539	128
78120238	78122049	H2AZ_Rep2_peak_22540	32
78148683	78149787	H2AZ_Rep2_peak_22542	95
78160755	78161888	H2AZ_Rep2_peak_22544	136
78193172	78194435	H2AZ_Rep2_peak_22545	31
78227488	78229081	H2AZ_Rep2_peak_22546	27
78230769	78235254	H2AZ_Rep2_peak_22547	26
78230769	78235254	H2AZ_Rep2_peak_22547	26
78388126	78389661	H2AZ_Rep2_peak_22548	213
78427760	78429868	H2AZ_Rep2_peak_22549	53
78446168	78451222	H2AZ_Rep2_peak_22550	27
78474577	78476834	H2AZ_Rep2_peak_22554	66
78517511	78519863	H2AZ_Rep2_peak_22558	153
78829729	78831067	H2AZ_Rep2_peak_22564	29
78962851	78963337	H2AZ_Rep2_peak_22565	31
78964784	78966503	H2AZ_Rep2_peak_22566	77
78997423	78997793	H2AZ_Rep2_peak_22567	38
79014061	79014957	H2AZ_Rep2_peak_22569	34
79023926	79024576	H2AZ_Rep2_peak_22571	33
79104720	79107289	H2AZ_Rep2_peak_22574	47
79111487	79114361	H2AZ_Rep2_peak_22575	20
79116229	79117663	H2AZ_Rep2_peak_22576	63
79196066	79198032	H2AZ_Rep2_peak_22577	96
79211968	79213906	H2AZ_Rep2_peak_22578	35
79268451	79270078	H2AZ_Rep2_peak_22579	89
79282537	79283610	H2AZ_Rep2_peak_22580	98
79302108	79304579	H2AZ_Rep2_peak_22581	50
79308304	79309745	H2AZ_Rep2_peak_22582	26
79316755	79317055	H2AZ_Rep2_peak_22583	21
79338706	79340260	H2AZ_Rep2_peak_22586	109
79360828	79361324	H2AZ_Rep2_peak_22588	52
79368552	79374319	H2AZ_Rep2_peak_22589	43
79368552	79374319	H2AZ_Rep2_peak_22589	43
79392704	79394417	H2AZ_Rep2_peak_22591	39
79396741	79397601	H2AZ_Rep2_peak_22592	42
79428455	79429350	H2AZ_Rep2_peak_22594	47
79451128	79452268	H2AZ_Rep2_peak_22595	158
79454555	79455317	H2AZ_Rep2_peak_22596	33
79485814	79486977	H2AZ_Rep2_peak_22599	43

79493917	79495327	H2AZ_Rep2_peak_22600	57
79518687	79520654	H2AZ_Rep2_peak_22601	78
79603616	79604663	H2AZ_Rep2_peak_22603	92
79632860	79634345	H2AZ_Rep2_peak_22604	76
79650056	79651751	H2AZ_Rep2_peak_22605	41
79669555	79671166	H2AZ_Rep2_peak_22606	24
79679117	79680063	H2AZ_Rep2_peak_22607	20
79700557	79703566	H2AZ_Rep2_peak_22608	100
79762655	79763320	H2AZ_Rep2_peak_22609	69
79772960	79773789	H2AZ_Rep2_peak_22610	98
79779210	79780501	H2AZ_Rep2_peak_22611	47
79790058	79791975	H2AZ_Rep2_peak_22612	60
79817761	79819632	H2AZ_Rep2_peak_22613	47
79829337	79830230	H2AZ_Rep2_peak_22614	89
79849714	79850239	H2AZ_Rep2_peak_22615	34
79868543	79869035	H2AZ_Rep2_peak_22616	49
79875232	79875810	H2AZ_Rep2_peak_22617	30
79885637	79886084	H2AZ_Rep2_peak_22618	73
79894445	79895651	H2AZ_Rep2_peak_22619	48
79916551	79918662	H2AZ_Rep2_peak_22620	70
79925450	79926386	H2AZ_Rep2_peak_22621	44
79934712	79935972	H2AZ_Rep2_peak_22622	60
79961220	79961875	H2AZ_Rep2_peak_22624	146
79978816	79981986	H2AZ_Rep2_peak_22625	81
79988461	79989234	H2AZ_Rep2_peak_22626	23
79994772	79996109	H2AZ_Rep2_peak_22627	32
80023177	80024660	H2AZ_Rep2_peak_22630	149
80064298	80064809	H2AZ_Rep2_peak_22632	35
80170192	80171765	H2AZ_Rep2_peak_22634	38
80172976	80176089	H2AZ_Rep2_peak_22635	28
80231277	80232259	H2AZ_Rep2_peak_22637	69
80239077	80241933	H2AZ_Rep2_peak_22638	65
80245611	80246795	H2AZ_Rep2_peak_22639	35
80255002	80256524	H2AZ_Rep2_peak_22641	48
80290104	80293406	H2AZ_Rep2_peak_22643	47
80296667	80297725	H2AZ_Rep2_peak_22644	93
80303529	80304888	H2AZ_Rep2_peak_22645	48
80309544	80310280	H2AZ_Rep2_peak_22646	55
80375809	80377067	H2AZ_Rep2_peak_22648	54
80407290	80409264	H2AZ_Rep2_peak_22649	47
80416727	80417326	H2AZ_Rep2_peak_22650	36
80450245	80452957	H2AZ_Rep2_peak_22651	52
80454924	80455831	H2AZ_Rep2_peak_22652	31

80475285	80478958	H2AZ_Rep2_peak_22654	38
80606130	80608041	H2AZ_Rep2_peak_22656	36
80656289	80657405	H2AZ_Rep2_peak_22657	67
80673689	80675309	H2AZ_Rep2_peak_22659	94
80709730	80710842	H2AZ_Rep2_peak_22660	73
81008852	81010394	H2AZ_Rep2_peak_22662	102
81031097	81032007	H2AZ_Rep2_peak_22665	120
81059675	81060143	H2AZ_Rep2_peak_22667	38
81066428	81069343	H2AZ_Rep2_peak_22668	58
33213	34260	H2AZ_Rep2_peak_22671	42
84505	89969	H2AZ_Rep2_peak_22672	390
157715	159264	H2AZ_Rep2_peak_22676	73
267227	269132	H2AZ_Rep2_peak_22677	167
657124	658782	H2AZ_Rep2_peak_22681	93
711323	713293	H2AZ_Rep2_peak_22682	85
811445	813423	H2AZ_Rep2_peak_22683	122
829670	832524	H2AZ_Rep2_peak_22684	44
829670	832524	H2AZ_Rep2_peak_22684	44
838991	839903	H2AZ_Rep2_peak_22685	43
949993	951747	H2AZ_Rep2_peak_22688	59
961707	963193	H2AZ_Rep2_peak_22689	28
995573	996241	H2AZ_Rep2_peak_22690	36
1002539	1003338	H2AZ_Rep2_peak_22691	21
1917293	1918999	H2AZ_Rep2_peak_22697	45
1997989	1998476	H2AZ_Rep2_peak_22699	31
2111971	2112934	H2AZ_Rep2_peak_22701	85
2171659	2174095	H2AZ_Rep2_peak_22702	31
2293055	2294283	H2AZ_Rep2_peak_22710	52
2299133	2306941	H2AZ_Rep2_peak_22711	30
2515979	2518006	H2AZ_Rep2_peak_22715	88
2569973	2574216	H2AZ_Rep2_peak_22716	123
2636496	2637688	H2AZ_Rep2_peak_22717	49
2654434	2656581	H2AZ_Rep2_peak_22718	46
2857210	2858081	H2AZ_Rep2_peak_22721	106
2981040	2983322	H2AZ_Rep2_peak_22724	46
3012514	3016167	H2AZ_Rep2_peak_22725	27
3029306	3029742	H2AZ_Rep2_peak_22726	41
3037557	3038155	H2AZ_Rep2_peak_22727	36
3051934	3053706	H2AZ_Rep2_peak_22730	13
3120204	3120727	H2AZ_Rep2_peak_22735	48
3161483	3162581	H2AZ_Rep2_peak_22738	32
3207419	3208089	H2AZ_Rep2_peak_22741	55
3245658	3247873	H2AZ_Rep2_peak_22743	73

3260496	3262189 H2AZ_Rep2_peak_22744	60
3296650	3297631 H2AZ_Rep2_peak_22745	129
3383609	3385581 H2AZ_Rep2_peak_22747	117
3409334	3413081 H2AZ_Rep2_peak_22748	22
3423697	3424649 H2AZ_Rep2_peak_22749	66
3446606	3447708 H2AZ_Rep2_peak_22751	28
3593014	3594717 H2AZ_Rep2_peak_22756	30
3590284	3591308 H2AZ_Rep2_peak_22755	26
3615380	3618679 H2AZ_Rep2_peak_22757	26
3648503	3650986 H2AZ_Rep2_peak_22759	55
3655535	3655908 H2AZ_Rep2_peak_22760	31
3662827	3666568 H2AZ_Rep2_peak_22761	25
3703312	3704206 H2AZ_Rep2_peak_22762	58
3708406	3711149 H2AZ_Rep2_peak_22763	71
3747365	3748110 H2AZ_Rep2_peak_22767	70
3770251	3771804 H2AZ_Rep2_peak_22768	24
3793070	3794736 H2AZ_Rep2_peak_22769	63
3814012	3818732 H2AZ_Rep2_peak_22771	39
3935522	3936442 H2AZ_Rep2_peak_22778	21
3964552	3968088 H2AZ_Rep2_peak_22780	45
3972595	3974017 H2AZ_Rep2_peak_22781	35
3983559	3985262 H2AZ_Rep2_peak_22782	34
3993939	3995715 H2AZ_Rep2_peak_22783	21
4004223	4005110 H2AZ_Rep2_peak_22784	36
5236966	5239009 H2AZ_Rep2_peak_22791	142
5294358	5295149 H2AZ_Rep2_peak_22792	153
5296419	5297699 H2AZ_Rep2_peak_22793	95
6055923	6056806 H2AZ_Rep2_peak_22798	22
6088184	6088649 H2AZ_Rep2_peak_22800	29
6539881	6540491 H2AZ_Rep2_peak_22802	36
6729185	6731827 H2AZ_Rep2_peak_22806	154
7034490	7040339 H2AZ_Rep2_peak_22809	42
7069211	7069815 H2AZ_Rep2_peak_22812	35
7084256	7084881 H2AZ_Rep2_peak_22813	22
7132486	7133490 H2AZ_Rep2_peak_22816	32
7161745	7163034 H2AZ_Rep2_peak_22818	15
7164417	7166059 H2AZ_Rep2_peak_22819	36
7170706	7172881 H2AZ_Rep2_peak_22820	46
7247950	7248382 H2AZ_Rep2_peak_22827	25
7272189	7274211 H2AZ_Rep2_peak_22828	85
7566395	7568971 H2AZ_Rep2_peak_22832	60
7870217	7871773 H2AZ_Rep2_peak_22834	12
7945784	7947578 H2AZ_Rep2_peak_22837	42



8415779	8417019 H2AZ_Rep2_peak_22843	54
8478562	8480958 H2AZ_Rep2_peak_22848	26
8608840	8610528 H2AZ_Rep2_peak_22853	42
8704081	8706959 H2AZ_Rep2_peak_22860	86
8794375	8794984 H2AZ_Rep2_peak_22862	18
8799170	8801884 H2AZ_Rep2_peak_22863	24
8912327	8912717 H2AZ_Rep2_peak_22867	37
8948569	8949043 H2AZ_Rep2_peak_22869	32
9016610	9018223 H2AZ_Rep2_peak_22872	199
9094202	9095881 H2AZ_Rep2_peak_22874	60
9101956	9103256 H2AZ_Rep2_peak_22875	43
9135607	9138531 H2AZ_Rep2_peak_22876	86
9333920	9335581 H2AZ_Rep2_peak_22877	69
9449812	9450845 H2AZ_Rep2_peak_22881	15
9461934	9462348 H2AZ_Rep2_peak_22882	29
9474393	9476731 H2AZ_Rep2_peak_22883	128
9613850	9615743 H2AZ_Rep2_peak_22884	43
9627359	9628038 H2AZ_Rep2_peak_22885	48
9652188	9653730 H2AZ_Rep2_peak_22887	39
9657881	9659240 H2AZ_Rep2_peak_22888	94
9673246	9673842 H2AZ_Rep2_peak_22890	97
9683469	9685735 H2AZ_Rep2_peak_22891	119
9705297	9707829 H2AZ_Rep2_peak_22892	32
9868429	9872576 H2AZ_Rep2_peak_22895	35
9877248	9877580 H2AZ_Rep2_peak_22896	23
9895449	9896929 H2AZ_Rep2_peak_22897	47
9898745	9899279 H2AZ_Rep2_peak_22898	27
9913019	9915149 H2AZ_Rep2_peak_22899	72
10014989	10016459 H2AZ_Rep2_peak_22901	79
10056930	10058899 H2AZ_Rep2_peak_22902	40
10086223	10087099 H2AZ_Rep2_peak_22903	32
10122094	10122498 H2AZ_Rep2_peak_22904	26
10196841	10197730 H2AZ_Rep2_peak_22907	63
10524963	10526789 H2AZ_Rep2_peak_22910	63
10715807	10716231 H2AZ_Rep2_peak_22913	31
11034845	11035258 H2AZ_Rep2_peak_22923	26
11096266	11096932 H2AZ_Rep2_peak_22926	54
11104352	11104761 H2AZ_Rep2_peak_22927	42
11175536	11176995 H2AZ_Rep2_peak_22929	28
11179010	11179372 H2AZ_Rep2_peak_22930	18
11323271	11323750 H2AZ_Rep2_peak_22931	51
11688826	11690431 H2AZ_Rep2_peak_22936	64
11733093	11733630 H2AZ_Rep2_peak_22937	88

11806844	11808472	H2AZ_Rep2_peak_22939	32
11849632	11851981	H2AZ_Rep2_peak_22940	58
11859213	11860499	H2AZ_Rep2_peak_22942	56
11907899	11910038	H2AZ_Rep2_peak_22943	52
11945858	11949388	H2AZ_Rep2_peak_22944	35
11954462	11955747	H2AZ_Rep2_peak_22946	35
11962406	11964145	H2AZ_Rep2_peak_22947	50
11975863	11977154	H2AZ_Rep2_peak_22948	81
11982154	11982491	H2AZ_Rep2_peak_22949	33
12038606	12039580	H2AZ_Rep2_peak_22951	108
12085918	12089542	H2AZ_Rep2_peak_22952	181
12271276	12272124	H2AZ_Rep2_peak_22956	113
12278304	12279954	H2AZ_Rep2_peak_22957	46
12287630	12288886	H2AZ_Rep2_peak_22959	106
12308172	12309193	H2AZ_Rep2_peak_22960	36
12375994	12378299	H2AZ_Rep2_peak_22961	101
12403637	12404107	H2AZ_Rep2_peak_22963	40
12407439	12408783	H2AZ_Rep2_peak_22964	42
12418699	12420526	H2AZ_Rep2_peak_22965	153
12656798	12659035	H2AZ_Rep2_peak_22967	55
12701994	12703615	H2AZ_Rep2_peak_22968	112
12741016	12741908	H2AZ_Rep2_peak_22969	24
12749068	12749762	H2AZ_Rep2_peak_22970	26
12766608	12767505	H2AZ_Rep2_peak_22971	65
12883190	12884963	H2AZ_Rep2_peak_22974	42
12947201	12948789	H2AZ_Rep2_peak_22982	41
12990130	12992159	H2AZ_Rep2_peak_22983	90
13725529	13727270	H2AZ_Rep2_peak_22989	64
13796438	13797051	H2AZ_Rep2_peak_22990	38
14132065	14132959	H2AZ_Rep2_peak_22994	24
14170480	14171711	H2AZ_Rep2_peak_22995	29
14173281	14173946	H2AZ_Rep2_peak_22996	32
14189191	14191076	H2AZ_Rep2_peak_22997	30
18690578	18692852	H2AZ_Rep2_peak_23000	122
18742854	18746709	H2AZ_Rep2_peak_23003	35
18774932	18775509	H2AZ_Rep2_peak_23005	11
18802993	18803785	H2AZ_Rep2_peak_23007	30
18822243	18823597	H2AZ_Rep2_peak_23008	110
18894555	18896443	H2AZ_Rep2_peak_23010	102
18908959	18911171	H2AZ_Rep2_peak_23011	147
19178761	19181775	H2AZ_Rep2_peak_23012	57
19189068	19192644	H2AZ_Rep2_peak_23013	73
19283279	19285582	H2AZ_Rep2_peak_23014	102

19319952	19322074	H2AZ_Rep2_peak_23015	60
19477472	19477982	H2AZ_Rep2_peak_23016	76
19571146	19572175	H2AZ_Rep2_peak_23018	13
19576673	19577768	H2AZ_Rep2_peak_23019	31
19690494	19691460	H2AZ_Rep2_peak_23021	29
19693304	19693626	H2AZ_Rep2_peak_23022	37
19748329	19753388	H2AZ_Rep2_peak_23024	62
19806382	19807138	H2AZ_Rep2_peak_23025	37
19810520	19811073	H2AZ_Rep2_peak_23026	24
19862013	19863748	H2AZ_Rep2_peak_23030	48
19866316	19867087	H2AZ_Rep2_peak_23031	16
19925350	19929630	H2AZ_Rep2_peak_23034	60
20010593	20015364	H2AZ_Rep2_peak_23037	41
20050183	20051691	H2AZ_Rep2_peak_23040	90
20083865	20084592	H2AZ_Rep2_peak_23041	15
20131062	20131745	H2AZ_Rep2_peak_23042	15
20139280	20140726	H2AZ_Rep2_peak_23043	64
20159827	20160916	H2AZ_Rep2_peak_23044	19
20189191	20189949	H2AZ_Rep2_peak_23045	20
20247662	20248660	H2AZ_Rep2_peak_23046	36
20263048	20264648	H2AZ_Rep2_peak_23047	69
20274879	20275179	H2AZ_Rep2_peak_23048	21
20290344	20292523	H2AZ_Rep2_peak_23049	54
20512719	20514615	H2AZ_Rep2_peak_23053	136
20681809	20682947	H2AZ_Rep2_peak_23057	35
20713858	20717526	H2AZ_Rep2_peak_23059	78
20722530	20724186	H2AZ_Rep2_peak_23060	61
20861615	20862461	H2AZ_Rep2_peak_23062	26
21016935	21019047	H2AZ_Rep2_peak_23066	108
21031873	21033785	H2AZ_Rep2_peak_23067	43
21067054	21068449	H2AZ_Rep2_peak_23068	42
21082323	21084209	H2AZ_Rep2_peak_23069	96
21165387	21167673	H2AZ_Rep2_peak_23072	49
21171022	21171529	H2AZ_Rep2_peak_23073	39
21205151	21207130	H2AZ_Rep2_peak_23076	19
21215045	21215995	H2AZ_Rep2_peak_23077	45
21241982	21243691	H2AZ_Rep2_peak_23078	170
21248662	21249131	H2AZ_Rep2_peak_23079	34
21268779	21270614	H2AZ_Rep2_peak_23083	93
21543321	21544850	H2AZ_Rep2_peak_23085	68
21562137	21562785	H2AZ_Rep2_peak_23087	78
21593798	21596020	H2AZ_Rep2_peak_23091	48
21631122	21631852	H2AZ_Rep2_peak_23092	45

21655767	21656824	H2AZ_Rep2_peak_23093	61
21850658	21852768	H2AZ_Rep2_peak_23095	86
21976720	21978683	H2AZ_Rep2_peak_23096	95
22006034	22007989	H2AZ_Rep2_peak_23098	75
22066936	22068159	H2AZ_Rep2_peak_23099	25
22110302	22111280	H2AZ_Rep2_peak_23100	78
22133618	22133930	H2AZ_Rep2_peak_23102	19
22306741	22307481	H2AZ_Rep2_peak_23103	34
22311115	22312168	H2AZ_Rep2_peak_23104	36
22372157	22372473	H2AZ_Rep2_peak_23106	40
22931810	22932297	H2AZ_Rep2_peak_23112	101
23501499	23502454	H2AZ_Rep2_peak_23116	108
23533388	23534431	H2AZ_Rep2_peak_23117	42
23669508	23671654	H2AZ_Rep2_peak_23118	136
23805349	23807483	H2AZ_Rep2_peak_23120	85
23987789	23988777	H2AZ_Rep2_peak_23121	46
24016414	24016883	H2AZ_Rep2_peak_23123	18
24060926	24061702	H2AZ_Rep2_peak_23124	53
24128074	24130644	H2AZ_Rep2_peak_23125	99
24159844	24160528	H2AZ_Rep2_peak_23126	42
24237045	24238529	H2AZ_Rep2_peak_23127	64
24319934	24322809	H2AZ_Rep2_peak_23128	32
24325289	24326940	H2AZ_Rep2_peak_23129	75
25440026	25440995	H2AZ_Rep2_peak_23136	23
25501054	25502548	H2AZ_Rep2_peak_23137	57
26091347	26092907	H2AZ_Rep2_peak_23141	24
26371792	26372654	H2AZ_Rep2_peak_23142	32
27291744	27292901	H2AZ_Rep2_peak_23145	20
27722545	27723191	H2AZ_Rep2_peak_23149	16
28681091	28682041	H2AZ_Rep2_peak_23150	38
28787037	28787480	H2AZ_Rep2_peak_23152	42
28796632	28797895	H2AZ_Rep2_peak_23153	10
28823871	28825310	H2AZ_Rep2_peak_23154	26
29009380	29010505	H2AZ_Rep2_peak_23157	26
29034206	29034730	H2AZ_Rep2_peak_23158	100
29067325	29068014	H2AZ_Rep2_peak_23160	24
29077382	29079430	H2AZ_Rep2_peak_23161	58
29092286	29093740	H2AZ_Rep2_peak_23162	21
29257450	29260778	H2AZ_Rep2_peak_23167	28
29264279	29266148	H2AZ_Rep2_peak_23168	37
29522207	29524487	H2AZ_Rep2_peak_23171	180
29537073	29537505	H2AZ_Rep2_peak_23172	13
29590153	29590697	H2AZ_Rep2_peak_23175	49

29597403	29599681	H2AZ_Rep2_peak_23176	182
29628705	29629906	H2AZ_Rep2_peak_23177	27
29671414	29672964	H2AZ_Rep2_peak_23178	25
29737837	29738559	H2AZ_Rep2_peak_23179	22
29951635	29954146	H2AZ_Rep2_peak_23181	25
30048599	30051729	H2AZ_Rep2_peak_23182	68
30081319	30081820	H2AZ_Rep2_peak_23183	31
30133004	30133326	H2AZ_Rep2_peak_23184	22
31619493	31619972	H2AZ_Rep2_peak_23186	13
31733516	31734257	H2AZ_Rep2_peak_23187	21
32227294	32230638	H2AZ_Rep2_peak_23191	19
32239454	32240461	H2AZ_Rep2_peak_23192	15
32289149	32290747	H2AZ_Rep2_peak_23193	37
32439673	32440758	H2AZ_Rep2_peak_23195	23
32451510	32451903	H2AZ_Rep2_peak_23196	50
32508271	32509705	H2AZ_Rep2_peak_23198	63
32556502	32559217	H2AZ_Rep2_peak_23199	53
32609453	32610807	H2AZ_Rep2_peak_23201	35
32620880	32622641	H2AZ_Rep2_peak_23202	127
32811152	32811551	H2AZ_Rep2_peak_23203	36
32820065	32821643	H2AZ_Rep2_peak_23204	19
32869314	32870993	H2AZ_Rep2_peak_23205	105
32923872	32925716	H2AZ_Rep2_peak_23206	76
32956966	32958768	H2AZ_Rep2_peak_23207	46
33018124	33018889	H2AZ_Rep2_peak_23210	33
33036012	33036905	H2AZ_Rep2_peak_23211	61
33038441	33041670	H2AZ_Rep2_peak_23212	33
33058049	33058981	H2AZ_Rep2_peak_23213	27
33060214	33060748	H2AZ_Rep2_peak_23214	39
33069511	33071875	H2AZ_Rep2_peak_23215	40
33076959	33078283	H2AZ_Rep2_peak_23216	91
33092852	33095232	H2AZ_Rep2_peak_23218	113
33105686	33107565	H2AZ_Rep2_peak_23219	36
33160750	33162743	H2AZ_Rep2_peak_23220	43
33196584	33197463	H2AZ_Rep2_peak_23221	26
33340074	33340495	H2AZ_Rep2_peak_23222	18
33551338	33553370	H2AZ_Rep2_peak_23224	187
33646744	33648109	H2AZ_Rep2_peak_23225	86
33708522	33710567	H2AZ_Rep2_peak_23229	76
33766667	33768832	H2AZ_Rep2_peak_23230	47
33889171	33890095	H2AZ_Rep2_peak_23233	91
34243334	34244464	H2AZ_Rep2_peak_23235	14
34252349	34253174	H2AZ_Rep2_peak_23236	29

34408020	34410248	H2AZ_Rep2_peak_23237	146
34879653	34880197	H2AZ_Rep2_peak_23238	44
34972280	34975388	H2AZ_Rep2_peak_23240	28
34982635	34983982	H2AZ_Rep2_peak_23241	104
34989376	34990767	H2AZ_Rep2_peak_23242	19
34997371	35003384	H2AZ_Rep2_peak_23243	29
34997371	35003384	H2AZ_Rep2_peak_23243	29
35007827	35010072	H2AZ_Rep2_peak_23244	22
35023324	35033823	H2AZ_Rep2_peak_23247	31
35023324	35033823	H2AZ_Rep2_peak_23247	31
35023324	35033823	H2AZ_Rep2_peak_23247	31
35117631	35119572	H2AZ_Rep2_peak_23251	76
35158461	35159483	H2AZ_Rep2_peak_23252	21
37379626	37383016	H2AZ_Rep2_peak_23255	48
38446638	38448903	H2AZ_Rep2_peak_23263	26
38904509	38905833	H2AZ_Rep2_peak_23267	22
38971802	38972318	H2AZ_Rep2_peak_23268	24
39275222	39275778	H2AZ_Rep2_peak_23270	53
39299923	39300346	H2AZ_Rep2_peak_23271	42
39311201	39312599	H2AZ_Rep2_peak_23272	19
39325302	39326198	H2AZ_Rep2_peak_23273	16
39534388	39535952	H2AZ_Rep2_peak_23275	77
39693708	39694171	H2AZ_Rep2_peak_23276	33
40709985	40710373	H2AZ_Rep2_peak_23278	31
42206982	42208158	H2AZ_Rep2_peak_23280	22
42217248	42217966	H2AZ_Rep2_peak_23281	16
42258438	42260729	H2AZ_Rep2_peak_23282	78
42305527	42305920	H2AZ_Rep2_peak_23284	30
42406424	42406897	H2AZ_Rep2_peak_23286	46
42418448	42419368	H2AZ_Rep2_peak_23287	22
42904486	42905296	H2AZ_Rep2_peak_23290	44
43169684	43170860	H2AZ_Rep2_peak_23293	27
43201132	43201472	H2AZ_Rep2_peak_23295	22
43244721	43247392	H2AZ_Rep2_peak_23297	57
43249696	43253095	H2AZ_Rep2_peak_23298	64
43271055	43272049	H2AZ_Rep2_peak_23299	49
43343564	43344537	H2AZ_Rep2_peak_23300	59
43381304	43383710	H2AZ_Rep2_peak_23302	43
43386304	43387092	H2AZ_Rep2_peak_23303	27
43407346	43409545	H2AZ_Rep2_peak_23304	25
43546476	43547963	H2AZ_Rep2_peak_23305	118
43651972	43653585	H2AZ_Rep2_peak_23307	43
43677514	43679378	H2AZ_Rep2_peak_23308	139

43683734	43685341	H2AZ_Rep2_peak_23309	100
43728870	43730217	H2AZ_Rep2_peak_23310	28
43732212	43733501	H2AZ_Rep2_peak_23311	129
43740030	43740716	H2AZ_Rep2_peak_23313	60
43747944	43750215	H2AZ_Rep2_peak_23314	106
43753188	43754418	H2AZ_Rep2_peak_23315	137
43873089	43875402	H2AZ_Rep2_peak_23317	39
43877017	43877413	H2AZ_Rep2_peak_23318	15
43900298	43905748	H2AZ_Rep2_peak_23320	45
43900298	43905748	H2AZ_Rep2_peak_23320	45
43912809	43915904	H2AZ_Rep2_peak_23321	65
44255969	44256751	H2AZ_Rep2_peak_23323	23
44496081	44498203	H2AZ_Rep2_peak_23324	96
44601657	44602401	H2AZ_Rep2_peak_23325	89
44675951	44677930	H2AZ_Rep2_peak_23326	135
44701794	44703103	H2AZ_Rep2_peak_23327	60
45297898	45299448	H2AZ_Rep2_peak_23329	78
45459270	45460498	H2AZ_Rep2_peak_23331	27
45468517	45468817	H2AZ_Rep2_peak_23333	39
45470431	45472191	H2AZ_Rep2_peak_23334	35
45478460	45480394	H2AZ_Rep2_peak_23335	26
45493206	45495047	H2AZ_Rep2_peak_23337	68
45513104	45515935	H2AZ_Rep2_peak_23342	22
45525410	45529830	H2AZ_Rep2_peak_23344	22
45532724	45534474	H2AZ_Rep2_peak_23345	17
45546048	45551029	H2AZ_Rep2_peak_23346	41
45662611	45666841	H2AZ_Rep2_peak_23349	65
45662611	45666841	H2AZ_Rep2_peak_23349	65
45668470	45670029	H2AZ_Rep2_peak_23350	100
45677417	45680566	H2AZ_Rep2_peak_23351	65
45688380	45688864	H2AZ_Rep2_peak_23353	70
45693473	45695209	H2AZ_Rep2_peak_23355	38
45754739	45758449	H2AZ_Rep2_peak_23356	18
45826885	45827367	H2AZ_Rep2_peak_23357	64
45936389	45937212	H2AZ_Rep2_peak_23358	53
45972735	45973558	H2AZ_Rep2_peak_23359	56
46064587	46068137	H2AZ_Rep2_peak_23362	91
46188246	46188744	H2AZ_Rep2_peak_23364	81
46419735	46420417	H2AZ_Rep2_peak_23366	32
46428432	46429618	H2AZ_Rep2_peak_23367	50
46475597	46476814	H2AZ_Rep2_peak_23368	23
46478742	46479693	H2AZ_Rep2_peak_23369	61
46481758	46482863	H2AZ_Rep2_peak_23370	71

46515581	46520882	H2AZ_Rep2_peak_23373	62
46523180	46525104	H2AZ_Rep2_peak_23374	41
46542977	46544029	H2AZ_Rep2_peak_23375	48
46545815	46548417	H2AZ_Rep2_peak_23376	78
46986318	46987773	H2AZ_Rep2_peak_23377	123
47012796	47014036	H2AZ_Rep2_peak_23378	43
47018353	47019861	H2AZ_Rep2_peak_23379	59
47089083	47089568	H2AZ_Rep2_peak_23380	22
47217667	47218104	H2AZ_Rep2_peak_23382	39
47339079	47341135	H2AZ_Rep2_peak_23385	44
47374612	47376800	H2AZ_Rep2_peak_23386	44
47384395	47386048	H2AZ_Rep2_peak_23387	39
47807260	47808605	H2AZ_Rep2_peak_23389	159
47813657	47814831	H2AZ_Rep2_peak_23390	185
47882456	47883768	H2AZ_Rep2_peak_23392	51
47900695	47902890	H2AZ_Rep2_peak_23393	90
47947080	47947804	H2AZ_Rep2_peak_23394	32
48033651	48034293	H2AZ_Rep2_peak_23395	44
48141332	48141884	H2AZ_Rep2_peak_23401	29
48157789	48159925	H2AZ_Rep2_peak_23402	31
48183221	48186206	H2AZ_Rep2_peak_23404	23
48205368	48206227	H2AZ_Rep2_peak_23407	31
48213803	48214433	H2AZ_Rep2_peak_23408	38
48310931	48311328	H2AZ_Rep2_peak_23416	34
48343404	48346679	H2AZ_Rep2_peak_23418	95
48404646	48406605	H2AZ_Rep2_peak_23419	97
48493661	48495168	H2AZ_Rep2_peak_23420	95
48555729	48556900	H2AZ_Rep2_peak_23422	105
48659026	48664501	H2AZ_Rep2_peak_23425	55
48676128	48677111	H2AZ_Rep2_peak_23426	84
48722115	48724725	H2AZ_Rep2_peak_23427	47
48760956	48762149	H2AZ_Rep2_peak_23429	28
51645976	51646762	H2AZ_Rep2_peak_23435	113
51749966	51751806	H2AZ_Rep2_peak_23437	59
51780618	51781127	H2AZ_Rep2_peak_23438	37
51794220	51796876	H2AZ_Rep2_peak_23440	57
51883329	51885577	H2AZ_Rep2_peak_23441	151
51913036	51915624	H2AZ_Rep2_peak_23442	43
52274435	52275709	H2AZ_Rep2_peak_23444	51
52379831	52380417	H2AZ_Rep2_peak_23445	45
52432400	52434263	H2AZ_Rep2_peak_23446	46
52440666	52445794	H2AZ_Rep2_peak_23447	31
52490162	52491979	H2AZ_Rep2_peak_23449	25



52495167	52496586	H2AZ_Rep2_peak_23450	115
52613441	52613821	H2AZ_Rep2_peak_23451	17
52623778	52627128	H2AZ_Rep2_peak_23452	28
52635010	52636157	H2AZ_Rep2_peak_23453	32
52642602	52643019	H2AZ_Rep2_peak_23454	59
54041392	54041924	H2AZ_Rep2_peak_23458	20
54305217	54306817	H2AZ_Rep2_peak_23461	64
54317281	54319542	H2AZ_Rep2_peak_23463	121
54751657	54752598	H2AZ_Rep2_peak_23464	48
54808631	54809512	H2AZ_Rep2_peak_23465	30
54877138	54879029	H2AZ_Rep2_peak_23468	57
55093903	55098710	H2AZ_Rep2_peak_23471	41
55100266	55103274	H2AZ_Rep2_peak_23472	49
55104775	55106627	H2AZ_Rep2_peak_23473	22
55252801	55254421	H2AZ_Rep2_peak_23477	158
55288558	55289998	H2AZ_Rep2_peak_23479	73
55296711	55298129	H2AZ_Rep2_peak_23480	99
55316859	55317804	H2AZ_Rep2_peak_23481	27
55378543	55380159	H2AZ_Rep2_peak_23482	26
55415218	55415914	H2AZ_Rep2_peak_23483	38
55437737	55439818	H2AZ_Rep2_peak_23484	30
55487284	55487999	H2AZ_Rep2_peak_23488	37
55512809	55513414	H2AZ_Rep2_peak_23489	20
55568306	55570187	H2AZ_Rep2_peak_23494	75
55572478	55578128	H2AZ_Rep2_peak_23495	42
55583054	55583805	H2AZ_Rep2_peak_23496	29
55587902	55589619	H2AZ_Rep2_peak_23497	20
55710103	55713319	H2AZ_Rep2_peak_23499	46
56278806	56279403	H2AZ_Rep2_peak_23513	44
56301693	56304968	H2AZ_Rep2_peak_23514	22
56306900	56308091	H2AZ_Rep2_peak_23515	62
56337817	56339738	H2AZ_Rep2_peak_23517	91
56435440	56438085	H2AZ_Rep2_peak_23518	38
56448801	56449276	H2AZ_Rep2_peak_23519	42
56452339	56452949	H2AZ_Rep2_peak_23520	49
56529696	56532371	H2AZ_Rep2_peak_23523	77
56657897	56660070	H2AZ_Rep2_peak_23524	26
56679794	56680987	H2AZ_Rep2_peak_23527	73
56737358	56737999	H2AZ_Rep2_peak_23531	38
56805693	56807976	H2AZ_Rep2_peak_23532	145
57025861	57027214	H2AZ_Rep2_peak_23534	75
57382739	57383461	H2AZ_Rep2_peak_23535	17
57548462	57549553	H2AZ_Rep2_peak_23540	16

57552749	57553761	H2AZ_Rep2_peak_23541	30
57566210	57568075	H2AZ_Rep2_peak_23542	49
57575951	57580404	H2AZ_Rep2_peak_23543	30
57584547	57586198	H2AZ_Rep2_peak_23544	68
59249230	59249837	H2AZ_Rep2_peak_23550	24
59273473	59274214	H2AZ_Rep2_peak_23552	20
59852963	59855281	H2AZ_Rep2_peak_23553	130
59992718	59993709	H2AZ_Rep2_peak_23554	169
60065830	60067555	H2AZ_Rep2_peak_23555	54
60087408	60088338	H2AZ_Rep2_peak_23557	44
60092402	60094207	H2AZ_Rep2_peak_23558	49
60104310	60106241	H2AZ_Rep2_peak_23559	76
60117908	60118922	H2AZ_Rep2_peak_23560	43
60128249	60128627	H2AZ_Rep2_peak_23561	31
60172965	60174213	H2AZ_Rep2_peak_23562	71
60189424	60194118	H2AZ_Rep2_peak_23563	77
60288724	60289509	H2AZ_Rep2_peak_23565	83
60291637	60293205	H2AZ_Rep2_peak_23566	40
60301600	60302787	H2AZ_Rep2_peak_23567	30
60330214	60331707	H2AZ_Rep2_peak_23568	30
60381614	60384998	H2AZ_Rep2_peak_23569	123
60822588	60822936	H2AZ_Rep2_peak_23570	28
60904753	60906106	H2AZ_Rep2_peak_23573	46
60908090	60909646	H2AZ_Rep2_peak_23574	86
60986325	60988321	H2AZ_Rep2_peak_23575	45
61033310	61035467	H2AZ_Rep2_peak_23577	57
61089274	61091093	H2AZ_Rep2_peak_23580	122
61093575	61095063	H2AZ_Rep2_peak_23581	33
61105250	61108497	H2AZ_Rep2_peak_23582	34
61111137	61114509	H2AZ_Rep2_peak_23583	34
61118762	61119596	H2AZ_Rep2_peak_23584	33
61121526	61122538	H2AZ_Rep2_peak_23585	82
61139667	61139971	H2AZ_Rep2_peak_23587	40
61142983	61145638	H2AZ_Rep2_peak_23588	51
61174941	61176452	H2AZ_Rep2_peak_23589	32
61185418	61187755	H2AZ_Rep2_peak_23592	54
61272225	61272781	H2AZ_Rep2_peak_23598	58
61349438	61351509	H2AZ_Rep2_peak_23600	37
61392971	61394707	H2AZ_Rep2_peak_23602	18
61397330	61399284	H2AZ_Rep2_peak_23603	29
61409295	61409684	H2AZ_Rep2_peak_23604	16
61441708	61442056	H2AZ_Rep2_peak_23605	31
61455867	61456224	H2AZ_Rep2_peak_23606	40

61485243	61485966 H2AZ_Rep2_peak_23607	26
61534973	61535373 H2AZ_Rep2_peak_23610	32
61536739	61537964 H2AZ_Rep2_peak_23611	29
61635647	61638685 H2AZ_Rep2_peak_23615	21
61875283	61876172 H2AZ_Rep2_peak_23619	20
62660771	62661901 H2AZ_Rep2_peak_23623	26
62724799	62725430 H2AZ_Rep2_peak_23624	41
62791523	62792948 H2AZ_Rep2_peak_23625	13
62873752	62874388 H2AZ_Rep2_peak_23626	36
62903137	62903925 H2AZ_Rep2_peak_23627	40
63392492	63393598 H2AZ_Rep2_peak_23631	28
63419074	63421007 H2AZ_Rep2_peak_23632	20
63435495	63435986 H2AZ_Rep2_peak_23635	24
63489199	63489585 H2AZ_Rep2_peak_23638	44
63572717	63574210 H2AZ_Rep2_peak_23641	29
63889045	63890434 H2AZ_Rep2_peak_23649	25
64307686	64308434 H2AZ_Rep2_peak_23657	75
64339162	64340413 H2AZ_Rep2_peak_23658	14
64382103	64382403 H2AZ_Rep2_peak_23660	19
64403263	64404048 H2AZ_Rep2_peak_23662	16
64505493	64506073 H2AZ_Rep2_peak_23666	23
64932768	64934226 H2AZ_Rep2_peak_23669	22
65085125	65085914 H2AZ_Rep2_peak_23673	40
65182724	65185365 H2AZ_Rep2_peak_23674	76
65293961	65296419 H2AZ_Rep2_peak_23676	17
66381512	66383223 H2AZ_Rep2_peak_23688	150
66584006	66584343 H2AZ_Rep2_peak_23690	32
67136829	67137411 H2AZ_Rep2_peak_23695	13
67247394	67248434 H2AZ_Rep2_peak_23697	32
67506094	67506471 H2AZ_Rep2_peak_23701	50
67872376	67874734 H2AZ_Rep2_peak_23702	121
67910560	67911027 H2AZ_Rep2_peak_23703	22
68032998	68034140 H2AZ_Rep2_peak_23705	42
68037909	68041306 H2AZ_Rep2_peak_23706	37
68037909	68041306 H2AZ_Rep2_peak_23706	37
68049224	68052782 H2AZ_Rep2_peak_23708	25
68078536	68079605 H2AZ_Rep2_peak_23709	22
68089970	68091846 H2AZ_Rep2_peak_23712	38
68098126	68101339 H2AZ_Rep2_peak_23713	21
68098126	68101339 H2AZ_Rep2_peak_23713	21
68131689	68132526 H2AZ_Rep2_peak_23714	35
70307850	70308810 H2AZ_Rep2_peak_23729	18
70538227	70538561 H2AZ_Rep2_peak_23732	25

71007503	71008169	H2AZ_Rep2_peak_23733	52
71312399	71313927	H2AZ_Rep2_peak_23735	15
71336240	71336829	H2AZ_Rep2_peak_23736	42
71350911	71352265	H2AZ_Rep2_peak_23737	17
71814444	71816325	H2AZ_Rep2_peak_23740	121
71863313	71863850	H2AZ_Rep2_peak_23741	81
71886088	71886441	H2AZ_Rep2_peak_23742	74
71901571	71902069	H2AZ_Rep2_peak_23743	13
71916493	71919842	H2AZ_Rep2_peak_23744	31
72162768	72164431	H2AZ_Rep2_peak_23746	108
72209085	72210125	H2AZ_Rep2_peak_23747	37
72213717	72214872	H2AZ_Rep2_peak_23748	29
72263998	72266187	H2AZ_Rep2_peak_23749	94
72782380	72783642	H2AZ_Rep2_peak_23753	79
72919813	72924263	H2AZ_Rep2_peak_23758	46
73879507	73881681	H2AZ_Rep2_peak_23766	25
73920368	73921584	H2AZ_Rep2_peak_23768	22
73942910	73943672	H2AZ_Rep2_peak_23769	26
74204314	74205767	H2AZ_Rep2_peak_23772	67
74276517	74278206	H2AZ_Rep2_peak_23773	46
74513602	74516165	H2AZ_Rep2_peak_23776	44
74532064	74535475	H2AZ_Rep2_peak_23777	71
74695058	74695392	H2AZ_Rep2_peak_23778	28
74766316	74767403	H2AZ_Rep2_peak_23779	48
74779292	74780056	H2AZ_Rep2_peak_23781	53
74812977	74813885	H2AZ_Rep2_peak_23783	28
74842985	74845433	H2AZ_Rep2_peak_23785	27
74919376	74920015	H2AZ_Rep2_peak_23787	46
75612027	75612481	H2AZ_Rep2_peak_23790	21
76828363	76830115	H2AZ_Rep2_peak_23798	62
77005649	77006857	H2AZ_Rep2_peak_23799	34
77153425	77154964	H2AZ_Rep2_peak_23800	36
77200409	77201228	H2AZ_Rep2_peak_23801	50
77329626	77331641	H2AZ_Rep2_peak_23802	28
77438607	77440865	H2AZ_Rep2_peak_23804	92
77545701	77547373	H2AZ_Rep2_peak_23806	46
77550998	77552379	H2AZ_Rep2_peak_23807	53
77710821	77712261	H2AZ_Rep2_peak_23809	32
77719659	77720392	H2AZ_Rep2_peak_23810	15
77724043	77725785	H2AZ_Rep2_peak_23811	48
77748067	77749207	H2AZ_Rep2_peak_23812	79
77769855	77770857	H2AZ_Rep2_peak_23813	55
77793160	77795485	H2AZ_Rep2_peak_23814	92

77865971	77867239	H2AZ_Rep2_peak_23815	40
77905556	77907190	H2AZ_Rep2_peak_23816	30
78004914	78005952	H2AZ_Rep2_peak_23817	32
267057	267709	H2AZ_Rep2_peak_23819	36
289644	292126	H2AZ_Rep2_peak_23820	46
344848	345556	H2AZ_Rep2_peak_23821	148
459591	460217	H2AZ_Rep2_peak_23823	48
461498	462457	H2AZ_Rep2_peak_23824	83
488507	489348	H2AZ_Rep2_peak_23826	33
506331	507928	H2AZ_Rep2_peak_23827	153
528178	528673	H2AZ_Rep2_peak_23828	22
530899	531500	H2AZ_Rep2_peak_23829	54
554900	556978	H2AZ_Rep2_peak_23830	38
571001	571835	H2AZ_Rep2_peak_23831	43
588066	589479	H2AZ_Rep2_peak_23832	50
632666	634489	H2AZ_Rep2_peak_23834	83
662982	665332	H2AZ_Rep2_peak_23836	62
675512	677120	H2AZ_Rep2_peak_23837	34
703043	704620	H2AZ_Rep2_peak_23839	67
750812	753304	H2AZ_Rep2_peak_23840	31
778928	779268	H2AZ_Rep2_peak_23841	36
781192	784628	H2AZ_Rep2_peak_23842	43
796581	797008	H2AZ_Rep2_peak_23843	71
823517	823872	H2AZ_Rep2_peak_23844	54
850191	851191	H2AZ_Rep2_peak_23847	111
858848	861116	H2AZ_Rep2_peak_23848	49
892857	893482	H2AZ_Rep2_peak_23849	100
913312	913917	H2AZ_Rep2_peak_23850	56
924798	925929	H2AZ_Rep2_peak_23851	92
940367	941593	H2AZ_Rep2_peak_23852	23
982509	984695	H2AZ_Rep2_peak_23854	93
1020851	1022088	H2AZ_Rep2_peak_23855	22
1025962	1028648	H2AZ_Rep2_peak_23856	64
1039667	1042830	H2AZ_Rep2_peak_23857	67
1064755	1067627	H2AZ_Rep2_peak_23858	36
1101464	1102910	H2AZ_Rep2_peak_23860	20
1177145	1177911	H2AZ_Rep2_peak_23862	74
1180370	1181134	H2AZ_Rep2_peak_23863	39
1183736	1184056	H2AZ_Rep2_peak_23864	28
1226535	1228255	H2AZ_Rep2_peak_23865	35
1237381	1242402	H2AZ_Rep2_peak_23866	24
1275410	1276970	H2AZ_Rep2_peak_23870	40
1324762	1325921	H2AZ_Rep2_peak_23872	57

1354422	1354813 H2AZ_Rep2_peak_23873	57
1382993	1384436 H2AZ_Rep2_peak_23874	48
1400823	1403192 H2AZ_Rep2_peak_23875	103
1406729	1407386 H2AZ_Rep2_peak_23876	36
1437913	1438600 H2AZ_Rep2_peak_23877	33
1444897	1446008 H2AZ_Rep2_peak_23878	60
1453422	1454304 H2AZ_Rep2_peak_23879	48
1478659	1479793 H2AZ_Rep2_peak_23881	87
1489943	1492378 H2AZ_Rep2_peak_23882	81
1507431	1508764 H2AZ_Rep2_peak_23884	56
1512835	1514191 H2AZ_Rep2_peak_23886	30
1545956	1546685 H2AZ_Rep2_peak_23887	17
1591809	1593297 H2AZ_Rep2_peak_23888	29
1604684	1606493 H2AZ_Rep2_peak_23889	133
1652652	1653610 H2AZ_Rep2_peak_23890	111
1655182	1657395 H2AZ_Rep2_peak_23891	33
1671818	1673370 H2AZ_Rep2_peak_23893	108
1675373	1675942 H2AZ_Rep2_peak_23894	26
1725298	1726630 H2AZ_Rep2_peak_23895	30
1746754	1748724 H2AZ_Rep2_peak_23896	50
1766603	1767669 H2AZ_Rep2_peak_23898	104
1773237	1775366 H2AZ_Rep2_peak_23899	32
1773237	1775366 H2AZ_Rep2_peak_23899	32
1811560	1813299 H2AZ_Rep2_peak_23901	58
1848378	1848865 H2AZ_Rep2_peak_23902	24
1864505	1865657 H2AZ_Rep2_peak_23903	52
1875571	1876631 H2AZ_Rep2_peak_23904	43
1884433	1886067 H2AZ_Rep2_peak_23905	35
1897611	1897974 H2AZ_Rep2_peak_23906	17
1904478	1906061 H2AZ_Rep2_peak_23907	56
1929033	1930593 H2AZ_Rep2_peak_23908	54
1940038	1942376 H2AZ_Rep2_peak_23910	94
2031980	2033091 H2AZ_Rep2_peak_23912	72
2051403	2054323 H2AZ_Rep2_peak_23914	62
2051403	2054323 H2AZ_Rep2_peak_23914	62
2058460	2062484 H2AZ_Rep2_peak_23915	39
2069519	2070102 H2AZ_Rep2_peak_23916	29
2095873	2097161 H2AZ_Rep2_peak_23917	26
2150201	2152263 H2AZ_Rep2_peak_23918	25
2235233	2237174 H2AZ_Rep2_peak_23920	51
2258675	2261952 H2AZ_Rep2_peak_23921	25
2266378	2266819 H2AZ_Rep2_peak_23922	51
2327810	2329469 H2AZ_Rep2_peak_23924	101

2385157	2385887 H2AZ_Rep2_peak_23925	146
2426994	2428195 H2AZ_Rep2_peak_23926	86
2456389	2457502 H2AZ_Rep2_peak_23927	81
2468963	2470009 H2AZ_Rep2_peak_23928	149
2474685	2475667 H2AZ_Rep2_peak_23929	97
2489779	2491711 H2AZ_Rep2_peak_23930	82
2494366	2496138 H2AZ_Rep2_peak_23931	49
2503731	2504383 H2AZ_Rep2_peak_23932	38
2507023	2507522 H2AZ_Rep2_peak_23933	40
2524525	2525817 H2AZ_Rep2_peak_23936	73
2527213	2530133 H2AZ_Rep2_peak_23937	40
2540620	2544386 H2AZ_Rep2_peak_23939	45
2552783	2553297 H2AZ_Rep2_peak_23940	51
2575885	2579925 H2AZ_Rep2_peak_23941	58
2587539	2588950 H2AZ_Rep2_peak_23942	57
2598778	2599598 H2AZ_Rep2_peak_23943	43
2610975	2611464 H2AZ_Rep2_peak_23945	104
2624580	2625103 H2AZ_Rep2_peak_23947	103
2627731	2628049 H2AZ_Rep2_peak_23948	27
2637248	2637762 H2AZ_Rep2_peak_23949	39
2722873	2723581 H2AZ_Rep2_peak_23951	39
2739231	2739979 H2AZ_Rep2_peak_23952	94
2782567	2786310 H2AZ_Rep2_peak_23953	63
2819463	2820645 H2AZ_Rep2_peak_23954	86
2866439	2867852 H2AZ_Rep2_peak_23957	43
2900223	2901674 H2AZ_Rep2_peak_23958	90
2944363	2945792 H2AZ_Rep2_peak_23959	85
2949870	2951287 H2AZ_Rep2_peak_23960	75
2952822	2953757 H2AZ_Rep2_peak_23961	90
2968560	2971659 H2AZ_Rep2_peak_23962	53
2976735	2978208 H2AZ_Rep2_peak_23963	61
3033907	3037409 H2AZ_Rep2_peak_23965	121
3061614	3063365 H2AZ_Rep2_peak_23968	57
3075600	3076417 H2AZ_Rep2_peak_23969	59
3080263	3080672 H2AZ_Rep2_peak_23970	27
3093678	3095319 H2AZ_Rep2_peak_23971	49
3140292	3143144 H2AZ_Rep2_peak_23975	105
3150478	3151914 H2AZ_Rep2_peak_23976	32
3159918	3164252 H2AZ_Rep2_peak_23978	49
3175829	3177605 H2AZ_Rep2_peak_23979	24
3183817	3186353 H2AZ_Rep2_peak_23980	146
3275106	3276618 H2AZ_Rep2_peak_23983	94
3289835	3290540 H2AZ_Rep2_peak_23985	74

3335326	3339150 H2AZ_Rep2_peak_23986	38
3343156	3344419 H2AZ_Rep2_peak_23987	65
3359030	3362286 H2AZ_Rep2_peak_23988	51
3365643	3366137 H2AZ_Rep2_peak_23989	37
3481440	3481809 H2AZ_Rep2_peak_23992	28
3499960	3501358 H2AZ_Rep2_peak_23993	176
3504894	3507660 H2AZ_Rep2_peak_23994	53
3605524	3608474 H2AZ_Rep2_peak_23998	39
3626028	3627495 H2AZ_Rep2_peak_23999	72
3699347	3701384 H2AZ_Rep2_peak_24000	36
3707924	3710798 H2AZ_Rep2_peak_24001	91
3712899	3713533 H2AZ_Rep2_peak_24002	70
3720476	3721841 H2AZ_Rep2_peak_24003	29
3761079	3763473 H2AZ_Rep2_peak_24005	90
3785363	3786410 H2AZ_Rep2_peak_24006	126
3828160	3828935 H2AZ_Rep2_peak_24009	28
3848935	3849686 H2AZ_Rep2_peak_24011	92
3985527	3991158 H2AZ_Rep2_peak_24015	61
3985527	3991158 H2AZ_Rep2_peak_24015	61
4007014	4008438 H2AZ_Rep2_peak_24016	77
4066641	4067774 H2AZ_Rep2_peak_24017	18
4122981	4125024 H2AZ_Rep2_peak_24018	73
4130609	4132127 H2AZ_Rep2_peak_24019	58
4144843	4146441 H2AZ_Rep2_peak_24021	85
4181869	4183162 H2AZ_Rep2_peak_24023	71
4186329	4186993 H2AZ_Rep2_peak_24024	47
4207486	4208996 H2AZ_Rep2_peak_24027	80
4228710	4229790 H2AZ_Rep2_peak_24030	73
4232960	4233732 H2AZ_Rep2_peak_24031	79
4246009	4247361 H2AZ_Rep2_peak_24032	144
4342173	4344361 H2AZ_Rep2_peak_24035	122
4374806	4375566 H2AZ_Rep2_peak_24036	20
4399667	4403670 H2AZ_Rep2_peak_24037	29
4399667	4403670 H2AZ_Rep2_peak_24037	29
4457866	4458502 H2AZ_Rep2_peak_24038	69
4470316	4472133 H2AZ_Rep2_peak_24039	69
4539284	4540906 H2AZ_Rep2_peak_24043	34
4555810	4558334 H2AZ_Rep2_peak_24044	107
4573949	4577538 H2AZ_Rep2_peak_24046	47
4589729	4590057 H2AZ_Rep2_peak_24047	24
4597717	4598794 H2AZ_Rep2_peak_24048	87
4633474	4636953 H2AZ_Rep2_peak_24049	61
4638897	4639873 H2AZ_Rep2_peak_24050	75



4669653	4671897 H2AZ_Rep2_peak_24051	80
4723211	4725635 H2AZ_Rep2_peak_24052	47
4790730	4793555 H2AZ_Rep2_peak_24053	62
4811727	4813401 H2AZ_Rep2_peak_24057	39
4830774	4832266 H2AZ_Rep2_peak_24058	84
4866810	4870711 H2AZ_Rep2_peak_24060	45
4895468	4896938 H2AZ_Rep2_peak_24063	71
4908738	4911845 H2AZ_Rep2_peak_24064	38
4968126	4968724 H2AZ_Rep2_peak_24065	71
5046446	5048862 H2AZ_Rep2_peak_24066	47
5171357	5172165 H2AZ_Rep2_peak_24067	51
5176604	5177634 H2AZ_Rep2_peak_24068	28
5548041	5548437 H2AZ_Rep2_peak_24070	61
5567601	5568451 H2AZ_Rep2_peak_24071	52
5572642	5573226 H2AZ_Rep2_peak_24072	34
5621875	5623641 H2AZ_Rep2_peak_24074	34
5679969	5681112 H2AZ_Rep2_peak_24075	89
5686442	5687644 H2AZ_Rep2_peak_24076	43
5689838	5690587 H2AZ_Rep2_peak_24077	25
5720240	5721042 H2AZ_Rep2_peak_24078	110
5772622	5773951 H2AZ_Rep2_peak_24079	26
5790755	5791527 H2AZ_Rep2_peak_24080	66
5803593	5805832 H2AZ_Rep2_peak_24082	20
5903257	5905317 H2AZ_Rep2_peak_24083	61
5977784	5978766 H2AZ_Rep2_peak_24084	33
6057119	6058184 H2AZ_Rep2_peak_24086	25
6076636	6077528 H2AZ_Rep2_peak_24087	44
6087824	6088392 H2AZ_Rep2_peak_24088	33
6092393	6092943 H2AZ_Rep2_peak_24089	20
6125748	6126070 H2AZ_Rep2_peak_24090	36
6198983	6199690 H2AZ_Rep2_peak_24091	214
6361567	6362242 H2AZ_Rep2_peak_24095	28
6372219	6373150 H2AZ_Rep2_peak_24096	32
6392454	6394393 H2AZ_Rep2_peak_24097	92
6425575	6426484 H2AZ_Rep2_peak_24098	58
6458965	6460868 H2AZ_Rep2_peak_24099	45
6464023	6464924 H2AZ_Rep2_peak_24100	86
6476092	6477138 H2AZ_Rep2_peak_24101	25
6504511	6505014 H2AZ_Rep2_peak_24102	58
6516177	6517475 H2AZ_Rep2_peak_24103	86
6530393	6530941 H2AZ_Rep2_peak_24104	35
6576543	6577899 H2AZ_Rep2_peak_24107	15
6602347	6602883 H2AZ_Rep2_peak_24108	64

6611163	6611875 H2AZ_Rep2_peak_24110	68
6631648	6633479 H2AZ_Rep2_peak_24111	59
6719222	6723973 H2AZ_Rep2_peak_24113	37
6719222	6723973 H2AZ_Rep2_peak_24113	37
6736244	6740441 H2AZ_Rep2_peak_24115	70
6744173	6744921 H2AZ_Rep2_peak_24116	28
6753142	6753926 H2AZ_Rep2_peak_24117	69
6766047	6768505 H2AZ_Rep2_peak_24118	76
6801215	6801990 H2AZ_Rep2_peak_24119	36
6811526	6812333 H2AZ_Rep2_peak_24121	47
6925925	6926720 H2AZ_Rep2_peak_24125	43
7068641	7070342 H2AZ_Rep2_peak_24127	106
7098307	7099917 H2AZ_Rep2_peak_24128	96
7196952	7199114 H2AZ_Rep2_peak_24129	138
7294170	7295448 H2AZ_Rep2_peak_24131	85
7456032	7456787 H2AZ_Rep2_peak_24133	81
7459816	7460869 H2AZ_Rep2_peak_24134	23
7524964	7526836 H2AZ_Rep2_peak_24137	44
7553297	7554743 H2AZ_Rep2_peak_24139	123
7565701	7566516 H2AZ_Rep2_peak_24140	25
7570402	7573304 H2AZ_Rep2_peak_24141	61
7580275	7581865 H2AZ_Rep2_peak_24142	106
7586859	7588331 H2AZ_Rep2_peak_24143	58
7598475	7601073 H2AZ_Rep2_peak_24144	80
7660117	7660585 H2AZ_Rep2_peak_24145	49
7693806	7695037 H2AZ_Rep2_peak_24146	54
7701388	7702595 H2AZ_Rep2_peak_24147	51
7717076	7717978 H2AZ_Rep2_peak_24149	103
7738774	7739646 H2AZ_Rep2_peak_24151	68
7744602	7747055 H2AZ_Rep2_peak_24152	97
7863804	7865397 H2AZ_Rep2_peak_24154	83
7893876	7894813 H2AZ_Rep2_peak_24155	85
7897883	7898948 H2AZ_Rep2_peak_24156	64
7902474	7904597 H2AZ_Rep2_peak_24157	26
7933326	7937020 H2AZ_Rep2_peak_24159	109
7953070	7953932 H2AZ_Rep2_peak_24161	78
7967788	7969505 H2AZ_Rep2_peak_24162	72
7980885	7983227 H2AZ_Rep2_peak_24163	74
7984724	7986272 H2AZ_Rep2_peak_24164	44
8007856	8009607 H2AZ_Rep2_peak_24166	91
8070673	8071371 H2AZ_Rep2_peak_24167	264
8115156	8117432 H2AZ_Rep2_peak_24169	49
8146128	8146819 H2AZ_Rep2_peak_24170	62

8219569	8220207 H2AZ_Rep2_peak_24173	127
8305064	8305834 H2AZ_Rep2_peak_24175	32
8333570	8335022 H2AZ_Rep2_peak_24176	142
8372253	8373623 H2AZ_Rep2_peak_24177	131
8385388	8386982 H2AZ_Rep2_peak_24178	86
8400070	8400372 H2AZ_Rep2_peak_24179	40
8408172	8408752 H2AZ_Rep2_peak_24180	46
8478268	8478923 H2AZ_Rep2_peak_24184	35
8509095	8510191 H2AZ_Rep2_peak_24185	83
8570519	8571395 H2AZ_Rep2_peak_24186	39
8578450	8579461 H2AZ_Rep2_peak_24187	31
8590054	8591471 H2AZ_Rep2_peak_24188	73
8617604	8618348 H2AZ_Rep2_peak_24190	45
8635808	8636294 H2AZ_Rep2_peak_24191	67
8674896	8675715 H2AZ_Rep2_peak_24192	150
8764155	8764550 H2AZ_Rep2_peak_24193	37
8942274	8944203 H2AZ_Rep2_peak_24194	27
9119890	9121520 H2AZ_Rep2_peak_24195	41
9150278	9151216 H2AZ_Rep2_peak_24197	56
9180502	9181268 H2AZ_Rep2_peak_24201	41
9185726	9186395 H2AZ_Rep2_peak_24202	42
9250394	9251555 H2AZ_Rep2_peak_24203	195
9419796	9421214 H2AZ_Rep2_peak_24204	85
9434100	9435707 H2AZ_Rep2_peak_24205	68
9545635	9546868 H2AZ_Rep2_peak_24206	76
9648794	9649760 H2AZ_Rep2_peak_24208	61
9694865	9695838 H2AZ_Rep2_peak_24209	59
9731573	9732798 H2AZ_Rep2_peak_24210	220
9785189	9786199 H2AZ_Rep2_peak_24211	42
9906724	9907595 H2AZ_Rep2_peak_24214	58
9929052	9930998 H2AZ_Rep2_peak_24215	64
9937918	9938963 H2AZ_Rep2_peak_24216	85
9945314	9946704 H2AZ_Rep2_peak_24217	62
10024931	10025752 H2AZ_Rep2_peak_24218	168
10027960	10028554 H2AZ_Rep2_peak_24219	142
10196215	10197468 H2AZ_Rep2_peak_24221	114
10206100	10207517 H2AZ_Rep2_peak_24222	119
10216405	10217440 H2AZ_Rep2_peak_24224	44
10230046	10231732 H2AZ_Rep2_peak_24225	62
10304532	10306354 H2AZ_Rep2_peak_24226	95
10315557	10318033 H2AZ_Rep2_peak_24227	72
10341243	10343121 H2AZ_Rep2_peak_24228	63
10362407	10363725 H2AZ_Rep2_peak_24230	167

10379096	10382313	H2AZ_Rep2_peak_24231	95
10399168	10401388	H2AZ_Rep2_peak_24232	137
10425915	10426754	H2AZ_Rep2_peak_24233	128
10443646	10446253	H2AZ_Rep2_peak_24234	145
10490422	10492100	H2AZ_Rep2_peak_24235	224
10513348	10515497	H2AZ_Rep2_peak_24236	224
10526411	10528786	H2AZ_Rep2_peak_24237	108
10530173	10531137	H2AZ_Rep2_peak_24238	76
10534436	10535968	H2AZ_Rep2_peak_24240	57
10626597	10629213	H2AZ_Rep2_peak_24245	20
10644292	10644643	H2AZ_Rep2_peak_24246	16
10654106	10655324	H2AZ_Rep2_peak_24247	91
10675982	10677253	H2AZ_Rep2_peak_24248	40
10679099	10680529	H2AZ_Rep2_peak_24249	108
10682921	10683282	H2AZ_Rep2_peak_24250	42
10687438	10688990	H2AZ_Rep2_peak_24251	57
10691844	10692562	H2AZ_Rep2_peak_24252	85
10704430	10705363	H2AZ_Rep2_peak_24254	42
10712806	10713898	H2AZ_Rep2_peak_24255	59
10715118	10715761	H2AZ_Rep2_peak_24256	79
10723123	10723814	H2AZ_Rep2_peak_24257	96
10735280	10736824	H2AZ_Rep2_peak_24258	78
10763878	10764926	H2AZ_Rep2_peak_24259	72
10811663	10813037	H2AZ_Rep2_peak_24260	249
10827702	10829215	H2AZ_Rep2_peak_24261	52
10946519	10947953	H2AZ_Rep2_peak_24263	182
10973642	10975621	H2AZ_Rep2_peak_24265	84
10981185	10982855	H2AZ_Rep2_peak_24266	93
10989111	10990346	H2AZ_Rep2_peak_24267	56
11038627	11040243	H2AZ_Rep2_peak_24268	41
11071028	11073055	H2AZ_Rep2_peak_24270	44
11196034	11196725	H2AZ_Rep2_peak_24271	16
11248070	11250455	H2AZ_Rep2_peak_24272	40
11265101	11268737	H2AZ_Rep2_peak_24274	118
11307657	11309941	H2AZ_Rep2_peak_24275	55
11313861	11315694	H2AZ_Rep2_peak_24276	49
11353741	11354711	H2AZ_Rep2_peak_24277	55
11372626	11373638	H2AZ_Rep2_peak_24278	40
11375263	11377046	H2AZ_Rep2_peak_24279	94
11404318	11405132	H2AZ_Rep2_peak_24281	63
11429773	11430369	H2AZ_Rep2_peak_24282	51
11449796	11450870	H2AZ_Rep2_peak_24284	97
11456725	11458690	H2AZ_Rep2_peak_24285	86

11465767	11466956	H2AZ_Rep2_peak_24286	55
11484989	11486566	H2AZ_Rep2_peak_24287	103
11491238	11493035	H2AZ_Rep2_peak_24289	228
11494509	11495757	H2AZ_Rep2_peak_24290	16
11528953	11531208	H2AZ_Rep2_peak_24291	92
11545350	11547187	H2AZ_Rep2_peak_24292	178
11615606	11617098	H2AZ_Rep2_peak_24294	37
11639282	11640400	H2AZ_Rep2_peak_24295	77
11645661	11647460	H2AZ_Rep2_peak_24296	86
11669407	11670645	H2AZ_Rep2_peak_24297	154
11707162	11708832	H2AZ_Rep2_peak_24298	81
11750124	11751304	H2AZ_Rep2_peak_24299	123
11848637	11851370	H2AZ_Rep2_peak_24301	158
11877284	11878835	H2AZ_Rep2_peak_24302	176
11924332	11925526	H2AZ_Rep2_peak_24303	233
12034166	12036681	H2AZ_Rep2_peak_24304	106
12250820	12251753	H2AZ_Rep2_peak_24305	51
12272820	12274966	H2AZ_Rep2_peak_24306	132
12404376	12406428	H2AZ_Rep2_peak_24307	64
12510847	12512460	H2AZ_Rep2_peak_24309	72
12550537	12552299	H2AZ_Rep2_peak_24311	63
12661396	12663616	H2AZ_Rep2_peak_24312	134
12721178	12722273	H2AZ_Rep2_peak_24313	107
12776885	12778110	H2AZ_Rep2_peak_24314	107
12779520	12781169	H2AZ_Rep2_peak_24315	227
12791973	12792771	H2AZ_Rep2_peak_24316	67
12806337	12807917	H2AZ_Rep2_peak_24317	124
12833520	12835356	H2AZ_Rep2_peak_24318	97
12847403	12849045	H2AZ_Rep2_peak_24320	106
12860501	12862046	H2AZ_Rep2_peak_24321	32
12875747	12877372	H2AZ_Rep2_peak_24322	44
12885817	12889973	H2AZ_Rep2_peak_24323	51
12885817	12889973	H2AZ_Rep2_peak_24323	51
12892892	12893884	H2AZ_Rep2_peak_24324	108
12910674	12914378	H2AZ_Rep2_peak_24326	222
12916740	12918402	H2AZ_Rep2_peak_24327	264
12939491	12941750	H2AZ_Rep2_peak_24328	24
12939491	12941750	H2AZ_Rep2_peak_24328	24
12943818	12945135	H2AZ_Rep2_peak_24329	65
12948774	12950151	H2AZ_Rep2_peak_24330	58
12957913	12959174	H2AZ_Rep2_peak_24331	100
12991456	12992769	H2AZ_Rep2_peak_24332	180
13001245	13002633	H2AZ_Rep2_peak_24334	155

13029725	13030533	H2AZ_Rep2_peak_24335	59
13043916	13045351	H2AZ_Rep2_peak_24336	300
13047346	13051104	H2AZ_Rep2_peak_24337	72
13067236	13068648	H2AZ_Rep2_peak_24339	179
13075768	13076868	H2AZ_Rep2_peak_24340	307
13105626	13106240	H2AZ_Rep2_peak_24345	95
13162166	13163103	H2AZ_Rep2_peak_24347	39
13172081	13172764	H2AZ_Rep2_peak_24348	22
13189904	13190829	H2AZ_Rep2_peak_24349	39
13206782	13207323	H2AZ_Rep2_peak_24350	98
13226579	13230449	H2AZ_Rep2_peak_24351	120
13259623	13264522	H2AZ_Rep2_peak_24352	79
13273392	13276176	H2AZ_Rep2_peak_24354	63
13273392	13276176	H2AZ_Rep2_peak_24354	63
13282922	13284376	H2AZ_Rep2_peak_24355	136
13292586	13293168	H2AZ_Rep2_peak_24356	42
13326717	13327037	H2AZ_Rep2_peak_24358	18
13342358	13342918	H2AZ_Rep2_peak_24359	64
13345239	13346500	H2AZ_Rep2_peak_24360	26
13509348	13510101	H2AZ_Rep2_peak_24365	49
13743989	13744640	H2AZ_Rep2_peak_24367	33
13841145	13843062	H2AZ_Rep2_peak_24369	81
13858146	13859609	H2AZ_Rep2_peak_24370	59
13874737	13876129	H2AZ_Rep2_peak_24371	54
13885147	13886000	H2AZ_Rep2_peak_24372	76
13895836	13896455	H2AZ_Rep2_peak_24373	80
13905525	13908846	H2AZ_Rep2_peak_24374	64
13905525	13908846	H2AZ_Rep2_peak_24374	64
13959767	13962703	H2AZ_Rep2_peak_24375	28
13983213	13985362	H2AZ_Rep2_peak_24376	38
13990762	13992724	H2AZ_Rep2_peak_24377	60
14016328	14017922	H2AZ_Rep2_peak_24379	176
14062976	14064483	H2AZ_Rep2_peak_24382	44
14117385	14119069	H2AZ_Rep2_peak_24383	193
14136165	14136985	H2AZ_Rep2_peak_24385	37
14141824	14143543	H2AZ_Rep2_peak_24386	162
14183682	14186448	H2AZ_Rep2_peak_24388	101
14191349	14193107	H2AZ_Rep2_peak_24389	119
14200562	14202988	H2AZ_Rep2_peak_24390	50
14227858	14229813	H2AZ_Rep2_peak_24391	77
14246362	14248832	H2AZ_Rep2_peak_24392	43
14317579	14318750	H2AZ_Rep2_peak_24394	82
14327904	14328382	H2AZ_Rep2_peak_24395	66

14399111	14399774 H2AZ_Rep2_peak_24398	25
14444006	14445807 H2AZ_Rep2_peak_24400	112
14458742	14459855 H2AZ_Rep2_peak_24402	64
14466548	14467024 H2AZ_Rep2_peak_24403	47
14477305	14477884 H2AZ_Rep2_peak_24405	30
14491325	14493040 H2AZ_Rep2_peak_24406	67
14529715	14531044 H2AZ_Rep2_peak_24407	79
14543421	14546162 H2AZ_Rep2_peak_24408	65
14605910	14609046 H2AZ_Rep2_peak_24412	94
14613268	14614229 H2AZ_Rep2_peak_24413	33
14616312	14622358 H2AZ_Rep2_peak_24414	82
14616312	14622358 H2AZ_Rep2_peak_24414	82
14628885	14630887 H2AZ_Rep2_peak_24415	68
14636937	14641138 H2AZ_Rep2_peak_24416	116
14682224	14685700 H2AZ_Rep2_peak_24418	157
14682224	14685700 H2AZ_Rep2_peak_24418	157
14799809	14801686 H2AZ_Rep2_peak_24423	82
14886787	14888217 H2AZ_Rep2_peak_24424	122
14895460	14898299 H2AZ_Rep2_peak_24425	63
14919863	14920728 H2AZ_Rep2_peak_24426	20
14999194	14999824 H2AZ_Rep2_peak_24427	36
15183572	15187023 H2AZ_Rep2_peak_24430	48
15202873	15203623 H2AZ_Rep2_peak_24431	123
15217523	15219103 H2AZ_Rep2_peak_24434	108
15234854	15237143 H2AZ_Rep2_peak_24435	179
15288083	15288555 H2AZ_Rep2_peak_24439	35
15305799	15306168 H2AZ_Rep2_peak_24441	35
15308577	15309961 H2AZ_Rep2_peak_24442	75
15320739	15322196 H2AZ_Rep2_peak_24443	95
15442017	15444072 H2AZ_Rep2_peak_24444	63
15488793	15491907 H2AZ_Rep2_peak_24445	71
15529159	15530518 H2AZ_Rep2_peak_24446	86
15542464	15544719 H2AZ_Rep2_peak_24447	164
15559577	15563836 H2AZ_Rep2_peak_24448	102
15577647	15578096 H2AZ_Rep2_peak_24449	21
15661736	15662941 H2AZ_Rep2_peak_24454	18
15666325	15667822 H2AZ_Rep2_peak_24455	206
15695520	15695989 H2AZ_Rep2_peak_24457	23
15750689	15752229 H2AZ_Rep2_peak_24459	55
15782966	15784419 H2AZ_Rep2_peak_24460	69
15920808	15921420 H2AZ_Rep2_peak_24462	47
15922822	15925199 H2AZ_Rep2_peak_24463	60
15947431	15947731 H2AZ_Rep2_peak_24465	20

16045614	16046139	H2AZ_Rep2_peak_24468	49
16136150	16137156	H2AZ_Rep2_peak_24470	28
16151725	16152909	H2AZ_Rep2_peak_24472	35
16177721	16181283	H2AZ_Rep2_peak_24473	73
16221786	16223530	H2AZ_Rep2_peak_24475	104
16253412	16255224	H2AZ_Rep2_peak_24476	58
16259845	16260177	H2AZ_Rep2_peak_24477	35
16271465	16272471	H2AZ_Rep2_peak_24478	108
16293172	16293944	H2AZ_Rep2_peak_24482	67
16295580	16296753	H2AZ_Rep2_peak_24483	101
16307067	16309416	H2AZ_Rep2_peak_24484	95
16358475	16358827	H2AZ_Rep2_peak_24485	25
16403039	16405239	H2AZ_Rep2_peak_24487	112
16412742	16413264	H2AZ_Rep2_peak_24489	59
16433554	16436016	H2AZ_Rep2_peak_24491	47
16581886	16583812	H2AZ_Rep2_peak_24494	118
16606331	16608068	H2AZ_Rep2_peak_24496	157
16652532	16654015	H2AZ_Rep2_peak_24497	86
16681932	16684119	H2AZ_Rep2_peak_24498	146
16737991	16740185	H2AZ_Rep2_peak_24499	69
16770555	16772830	H2AZ_Rep2_peak_24500	201
16828693	16831220	H2AZ_Rep2_peak_24501	74
16882556	16882902	H2AZ_Rep2_peak_24505	28
16912102	16912921	H2AZ_Rep2_peak_24509	69
16933351	16936530	H2AZ_Rep2_peak_24510	54
16938369	16940930	H2AZ_Rep2_peak_24511	59
16997027	16998518	H2AZ_Rep2_peak_24513	127
17006773	17008571	H2AZ_Rep2_peak_24514	71
17031778	17034018	H2AZ_Rep2_peak_24516	46
17131493	17134178	H2AZ_Rep2_peak_24523	14
17185265	17187564	H2AZ_Rep2_peak_24526	126
17218390	17219367	H2AZ_Rep2_peak_24527	31
17325323	17327119	H2AZ_Rep2_peak_24530	83
17331163	17331651	H2AZ_Rep2_peak_24531	50
17335989	17337994	H2AZ_Rep2_peak_24532	61
17346047	17346874	H2AZ_Rep2_peak_24533	26
17354470	17361015	H2AZ_Rep2_peak_24534	58
17354470	17361015	H2AZ_Rep2_peak_24534	58
17371442	17372253	H2AZ_Rep2_peak_24537	95
17377510	17379005	H2AZ_Rep2_peak_24539	106
17393197	17394342	H2AZ_Rep2_peak_24540	86
17402756	17405487	H2AZ_Rep2_peak_24541	107
17413813	17417457	H2AZ_Rep2_peak_24543	101



17419800	17421243	H2AZ_Rep2_peak_24544	26
17444719	17449283	H2AZ_Rep2_peak_24546	128
17459312	17459937	H2AZ_Rep2_peak_24548	135
17493394	17494912	H2AZ_Rep2_peak_24552	39
17501591	17502939	H2AZ_Rep2_peak_24554	96
17515942	17517413	H2AZ_Rep2_peak_24555	95
17529806	17531925	H2AZ_Rep2_peak_24556	145
17558667	17559664	H2AZ_Rep2_peak_24557	38
17561350	17561715	H2AZ_Rep2_peak_24558	27
17576727	17581647	H2AZ_Rep2_peak_24560	114
17598887	17600655	H2AZ_Rep2_peak_24561	149
17617648	17619591	H2AZ_Rep2_peak_24563	27
17621186	17623305	H2AZ_Rep2_peak_24564	118
17649645	17650705	H2AZ_Rep2_peak_24566	69
17664118	17664565	H2AZ_Rep2_peak_24567	57
17665790	17667393	H2AZ_Rep2_peak_24568	163
17716342	17718104	H2AZ_Rep2_peak_24570	127
17721419	17721719	H2AZ_Rep2_peak_24571	25
17765427	17766670	H2AZ_Rep2_peak_24573	17
17790464	17791635	H2AZ_Rep2_peak_24575	53
17796958	17798129	H2AZ_Rep2_peak_24576	60
17829421	17831233	H2AZ_Rep2_peak_24578	102
17857491	17858906	H2AZ_Rep2_peak_24579	36
17860528	17861026	H2AZ_Rep2_peak_24580	19
17875319	17878153	H2AZ_Rep2_peak_24582	77
17889149	17890825	H2AZ_Rep2_peak_24584	244
17905374	17909121	H2AZ_Rep2_peak_24586	49
17941165	17942170	H2AZ_Rep2_peak_24587	125
17951853	17953754	H2AZ_Rep2_peak_24588	151
17959756	17963358	H2AZ_Rep2_peak_24589	133
17966080	17966929	H2AZ_Rep2_peak_24590	60
17969883	17971186	H2AZ_Rep2_peak_24591	118
17980914	17981291	H2AZ_Rep2_peak_24593	30
17984628	17985018	H2AZ_Rep2_peak_24594	36
18041523	18044833	H2AZ_Rep2_peak_24596	156
18058117	18059247	H2AZ_Rep2_peak_24598	28
18061852	18062598	H2AZ_Rep2_peak_24599	26
18107457	18109940	H2AZ_Rep2_peak_24600	102
18111263	18112825	H2AZ_Rep2_peak_24601	28
18127933	18128669	H2AZ_Rep2_peak_24602	89
18130759	18133714	H2AZ_Rep2_peak_24603	103
18145786	18146396	H2AZ_Rep2_peak_24605	54
18168521	18169780	H2AZ_Rep2_peak_24607	34

18175974	18176381	H2AZ_Rep2_peak_24608	37
18208735	18209116	H2AZ_Rep2_peak_24611	72
18215026	18215754	H2AZ_Rep2_peak_24612	101
18219655	18222105	H2AZ_Rep2_peak_24613	53
18228410	18229343	H2AZ_Rep2_peak_24614	29
18262178	18265171	H2AZ_Rep2_peak_24615	48
18284193	18285656	H2AZ_Rep2_peak_24617	158
18302482	18304955	H2AZ_Rep2_peak_24618	48
18314036	18316498	H2AZ_Rep2_peak_24619	72
18334391	18335930	H2AZ_Rep2_peak_24620	165
18402583	18404614	H2AZ_Rep2_peak_24624	36
18434100	18436384	H2AZ_Rep2_peak_24626	76
18439160	18440171	H2AZ_Rep2_peak_24627	70
18450548	18452451	H2AZ_Rep2_peak_24628	65
18484570	18485819	H2AZ_Rep2_peak_24630	80
18490861	18491725	H2AZ_Rep2_peak_24631	37
18496480	18499710	H2AZ_Rep2_peak_24632	29
18527549	18530560	H2AZ_Rep2_peak_24635	95
18631188	18633880	H2AZ_Rep2_peak_24637	27
18654564	18655480	H2AZ_Rep2_peak_24638	77
18667584	18669490	H2AZ_Rep2_peak_24639	39
18698689	18700815	H2AZ_Rep2_peak_24641	102
18707571	18707955	H2AZ_Rep2_peak_24642	22
18747080	18748110	H2AZ_Rep2_peak_24644	104
18770824	18771778	H2AZ_Rep2_peak_24645	53
18788821	18789432	H2AZ_Rep2_peak_24646	24
18793794	18795277	H2AZ_Rep2_peak_24647	59
18896166	18896604	H2AZ_Rep2_peak_24648	46
18920054	18920787	H2AZ_Rep2_peak_24650	37
18942171	18943063	H2AZ_Rep2_peak_24651	173
19005863	19006612	H2AZ_Rep2_peak_24652	29
19029532	19030895	H2AZ_Rep2_peak_24653	55
19050599	19052638	H2AZ_Rep2_peak_24654	47
19077270	19078649	H2AZ_Rep2_peak_24655	63
19080083	19081660	H2AZ_Rep2_peak_24656	29
19083050	19084067	H2AZ_Rep2_peak_24657	33
19143832	19145311	H2AZ_Rep2_peak_24659	119
19173887	19175399	H2AZ_Rep2_peak_24660	56
19248467	19250608	H2AZ_Rep2_peak_24662	84
19302554	19304316	H2AZ_Rep2_peak_24663	152
19313174	19315243	H2AZ_Rep2_peak_24664	70
19335811	19336624	H2AZ_Rep2_peak_24665	32
19430563	19432338	H2AZ_Rep2_peak_24666	166

19471841	19472398	H2AZ_Rep2_peak_24667	41
19475383	19479126	H2AZ_Rep2_peak_24668	81
19481739	19484042	H2AZ_Rep2_peak_24669	58
19481739	19484042	H2AZ_Rep2_peak_24669	58
19485887	19486280	H2AZ_Rep2_peak_24670	38
19495783	19497416	H2AZ_Rep2_peak_24671	31
19515792	19517538	H2AZ_Rep2_peak_24672	24
19626405	19627498	H2AZ_Rep2_peak_24673	118
19702109	19702581	H2AZ_Rep2_peak_24675	115
19729043	19730358	H2AZ_Rep2_peak_24676	46
19739418	19739820	H2AZ_Rep2_peak_24677	24
19753440	19754830	H2AZ_Rep2_peak_24678	112
19773733	19774884	H2AZ_Rep2_peak_24679	146
19778963	19780294	H2AZ_Rep2_peak_24680	97
19843167	19844416	H2AZ_Rep2_peak_24681	131
19886320	19888428	H2AZ_Rep2_peak_24684	172
19976712	19977129	H2AZ_Rep2_peak_24685	37
20795682	20795989	H2AZ_Rep2_peak_24686	29
21203037	21204268	H2AZ_Rep2_peak_24687	132
21264249	21266047	H2AZ_Rep2_peak_24688	84
21323985	21325525	H2AZ_Rep2_peak_24689	94
21511415	21512627	H2AZ_Rep2_peak_24690	102
23577236	23578898	H2AZ_Rep2_peak_24692	78
23869398	23871175	H2AZ_Rep2_peak_24693	89
24215550	24217143	H2AZ_Rep2_peak_24695	102
24269903	24270453	H2AZ_Rep2_peak_24696	130
28283798	28285686	H2AZ_Rep2_peak_24700	100
29226728	29228023	H2AZ_Rep2_peak_24703	32
29703365	29704809	H2AZ_Rep2_peak_24705	68
30096565	30097841	H2AZ_Rep2_peak_24709	225
30155325	30157078	H2AZ_Rep2_peak_24710	39
30181561	30182140	H2AZ_Rep2_peak_24711	89
30205755	30207538	H2AZ_Rep2_peak_24712	61
30250964	30251484	H2AZ_Rep2_peak_24713	23
30262481	30263374	H2AZ_Rep2_peak_24714	40
30301762	30303633	H2AZ_Rep2_peak_24716	82
30321912	30322821	H2AZ_Rep2_peak_24717	51
30332267	30333122	H2AZ_Rep2_peak_24718	40
30334991	30336964	H2AZ_Rep2_peak_24719	148
30364047	30364369	H2AZ_Rep2_peak_24720	25
30431677	30434021	H2AZ_Rep2_peak_24723	38
32834309	32837375	H2AZ_Rep2_peak_24737	90
32895854	32897484	H2AZ_Rep2_peak_24738	82

33033222	33034880	H2AZ_Rep2_peak_24739	22
33071231	33072862	H2AZ_Rep2_peak_24740	89
33165199	33167164	H2AZ_Rep2_peak_24741	66
33182025	33183823	H2AZ_Rep2_peak_24742	118
33461977	33463777	H2AZ_Rep2_peak_24743	179
33532432	33532818	H2AZ_Rep2_peak_24744	41
33554781	33556499	H2AZ_Rep2_peak_24745	120
33568637	33569416	H2AZ_Rep2_peak_24746	74
33571353	33572697	H2AZ_Rep2_peak_24747	222
33666709	33669267	H2AZ_Rep2_peak_24753	218
33673802	33675645	H2AZ_Rep2_peak_24754	38
33684386	33686458	H2AZ_Rep2_peak_24755	35
33724488	33726797	H2AZ_Rep2_peak_24758	45
33739555	33741497	H2AZ_Rep2_peak_24760	127
33764628	33766587	H2AZ_Rep2_peak_24761	102
33783817	33785340	H2AZ_Rep2_peak_24762	66
33790056	33793959	H2AZ_Rep2_peak_24763	55
33858680	33859621	H2AZ_Rep2_peak_24766	13
33863876	33865433	H2AZ_Rep2_peak_24767	120
34011912	34013526	H2AZ_Rep2_peak_24768	81
34269221	34269690	H2AZ_Rep2_peak_24773	37
34285642	34288451	H2AZ_Rep2_peak_24776	43
34310515	34312304	H2AZ_Rep2_peak_24778	152
34624931	34626104	H2AZ_Rep2_peak_24788	132
34650032	34651015	H2AZ_Rep2_peak_24790	25
34661526	34664527	H2AZ_Rep2_peak_24791	127
34744410	34746577	H2AZ_Rep2_peak_24792	130
34760160	34761469	H2AZ_Rep2_peak_24793	52
34848440	34851231	H2AZ_Rep2_peak_24795	69
34852618	34857613	H2AZ_Rep2_peak_24796	44
34895046	34895883	H2AZ_Rep2_peak_24797	111
34918808	34920057	H2AZ_Rep2_peak_24798	29
35157958	35159008	H2AZ_Rep2_peak_24800	49
35167462	35169020	H2AZ_Rep2_peak_24801	244
35224207	35226193	H2AZ_Rep2_peak_24803	171
35263382	35264631	H2AZ_Rep2_peak_24804	59
35417701	35418133	H2AZ_Rep2_peak_24806	34
35453024	35455520	H2AZ_Rep2_peak_24807	52
35463323	35464703	H2AZ_Rep2_peak_24808	61
35489989	35492344	H2AZ_Rep2_peak_24809	88
35557633	35559884	H2AZ_Rep2_peak_24811	55
35581165	35582305	H2AZ_Rep2_peak_24812	87
35598201	35601097	H2AZ_Rep2_peak_24813	70

35605371	35606947	H2AZ_Rep2_peak_24814	68
35609155	35617146	H2AZ_Rep2_peak_24815	73
35644394	35646637	H2AZ_Rep2_peak_24817	73
35704731	35705250	H2AZ_Rep2_peak_24819	16
35738361	35740623	H2AZ_Rep2_peak_24820	130
35802941	35805012	H2AZ_Rep2_peak_24822	29
35808027	35811991	H2AZ_Rep2_peak_24823	83
35927290	35928645	H2AZ_Rep2_peak_24825	26
35938119	35939584	H2AZ_Rep2_peak_24826	34
35986092	35986621	H2AZ_Rep2_peak_24827	21
36000486	36001925	H2AZ_Rep2_peak_24828	73
36035746	36037222	H2AZ_Rep2_peak_24830	110
36100743	36101088	H2AZ_Rep2_peak_24832	17
36102803	36104289	H2AZ_Rep2_peak_24833	120
36119170	36120471	H2AZ_Rep2_peak_24834	58
36133867	36136584	H2AZ_Rep2_peak_24835	112
36138544	36139863	H2AZ_Rep2_peak_24836	43
36192891	36194042	H2AZ_Rep2_peak_24838	161
36207103	36209193	H2AZ_Rep2_peak_24839	154
36230961	36232085	H2AZ_Rep2_peak_24840	77
36235499	36237031	H2AZ_Rep2_peak_24841	44
36238827	36240274	H2AZ_Rep2_peak_24842	150
36248070	36250228	H2AZ_Rep2_peak_24843	50
36265853	36267316	H2AZ_Rep2_peak_24844	44
36336172	36337485	H2AZ_Rep2_peak_24845	58
36389560	36393322	H2AZ_Rep2_peak_24846	24
36420977	36423138	H2AZ_Rep2_peak_24847	54
36426332	36427774	H2AZ_Rep2_peak_24848	214
36485552	36486969	H2AZ_Rep2_peak_24849	172
36504230	36506045	H2AZ_Rep2_peak_24850	83
36544568	36546554	H2AZ_Rep2_peak_24851	134
36605023	36607283	H2AZ_Rep2_peak_24852	100
36618389	36619584	H2AZ_Rep2_peak_24853	77
36627367	36628212	H2AZ_Rep2_peak_24855	51
36630295	36631796	H2AZ_Rep2_peak_24856	104
36704672	36706558	H2AZ_Rep2_peak_24858	273
36868985	36870825	H2AZ_Rep2_peak_24859	113
36908642	36910436	H2AZ_Rep2_peak_24860	85
36979664	36981335	H2AZ_Rep2_peak_24861	200
37018420	37020512	H2AZ_Rep2_peak_24862	271
37063245	37065048	H2AZ_Rep2_peak_24863	109
37157308	37158078	H2AZ_Rep2_peak_24864	57
37177514	37179235	H2AZ_Rep2_peak_24865	230

37568554	37570534	H2AZ_Rep2_peak_24866	231
37663201	37664869	H2AZ_Rep2_peak_24867	86
37701059	37702472	H2AZ_Rep2_peak_24868	54
37708269	37709898	H2AZ_Rep2_peak_24869	271
37808218	37809211	H2AZ_Rep2_peak_24870	120
37825058	37826264	H2AZ_Rep2_peak_24871	123
37861297	37862809	H2AZ_Rep2_peak_24872	289
38084718	38086637	H2AZ_Rep2_peak_24873	222
38145269	38147497	H2AZ_Rep2_peak_24874	133
38209620	38211084	H2AZ_Rep2_peak_24875	109
38269271	38271062	H2AZ_Rep2_peak_24876	304
38389165	38389941	H2AZ_Rep2_peak_24878	36
38396519	38398884	H2AZ_Rep2_peak_24879	89
38714415	38715654	H2AZ_Rep2_peak_24880	96
38724590	38725025	H2AZ_Rep2_peak_24881	65
38733880	38735053	H2AZ_Rep2_peak_24882	34
38757414	38758199	H2AZ_Rep2_peak_24883	89
38761037	38761691	H2AZ_Rep2_peak_24884	81
38768452	38769437	H2AZ_Rep2_peak_24885	50
38805966	38807213	H2AZ_Rep2_peak_24887	43
38826599	38828131	H2AZ_Rep2_peak_24888	59
38852187	38853428	H2AZ_Rep2_peak_24889	91
38864531	38865936	H2AZ_Rep2_peak_24890	96
38893268	38894350	H2AZ_Rep2_peak_24891	72
39018788	39019354	H2AZ_Rep2_peak_24893	22
39034851	39036169	H2AZ_Rep2_peak_24894	40
39108145	39110651	H2AZ_Rep2_peak_24895	84
39259871	39260638	H2AZ_Rep2_peak_24896	49
39321873	39323143	H2AZ_Rep2_peak_24897	82
39341306	39341731	H2AZ_Rep2_peak_24898	21
39343071	39343822	H2AZ_Rep2_peak_24899	88
39353167	39353524	H2AZ_Rep2_peak_24900	25
39360277	39361202	H2AZ_Rep2_peak_24902	34
39389516	39391329	H2AZ_Rep2_peak_24903	111
39420462	39422264	H2AZ_Rep2_peak_24904	161
39465491	39466304	H2AZ_Rep2_peak_24905	23
39479677	39480176	H2AZ_Rep2_peak_24906	42
39483700	39484435	H2AZ_Rep2_peak_24907	26
39521550	39522621	H2AZ_Rep2_peak_24908	65
39561449	39561777	H2AZ_Rep2_peak_24911	29
39563958	39565238	H2AZ_Rep2_peak_24912	78
39569132	39569837	H2AZ_Rep2_peak_24913	54
39573440	39573824	H2AZ_Rep2_peak_24914	26

39601133	39603543	H2AZ_Rep2_peak_24915	84
39612580	39613172	H2AZ_Rep2_peak_24916	20
39615107	39617428	H2AZ_Rep2_peak_24917	37
39684401	39686195	H2AZ_Rep2_peak_24918	37
39728116	39728873	H2AZ_Rep2_peak_24920	27
39831560	39832739	H2AZ_Rep2_peak_24923	232
39881167	39882505	H2AZ_Rep2_peak_24924	132
39893027	39893343	H2AZ_Rep2_peak_24926	41
39903336	39903952	H2AZ_Rep2_peak_24927	52
39918860	39919651	H2AZ_Rep2_peak_24928	74
39929299	39931986	H2AZ_Rep2_peak_24931	16
39935767	39936848	H2AZ_Rep2_peak_24932	83
39970795	39972323	H2AZ_Rep2_peak_24933	145
39993109	39994883	H2AZ_Rep2_peak_24934	92
39997684	39998482	H2AZ_Rep2_peak_24935	41
40022803	40024050	H2AZ_Rep2_peak_24936	119
40029944	40031419	H2AZ_Rep2_peak_24937	105
40324373	40325298	H2AZ_Rep2_peak_24939	45
40336249	40339408	H2AZ_Rep2_peak_24940	83
40403922	40404608	H2AZ_Rep2_peak_24941	49
40475438	40477767	H2AZ_Rep2_peak_24942	85
40502170	40503835	H2AZ_Rep2_peak_24943	234
40561365	40562873	H2AZ_Rep2_peak_24944	230
40595863	40597507	H2AZ_Rep2_peak_24945	182
40647541	40648154	H2AZ_Rep2_peak_24946	35
40653013	40655023	H2AZ_Rep2_peak_24947	45
40661737	40662306	H2AZ_Rep2_peak_24948	87
40695752	40698091	H2AZ_Rep2_peak_24949	138
40725178	40726504	H2AZ_Rep2_peak_24950	182
40790161	40793096	H2AZ_Rep2_peak_24952	97
40853741	40855514	H2AZ_Rep2_peak_24953	151
40871325	40871720	H2AZ_Rep2_peak_24954	41
40909112	40910670	H2AZ_Rep2_peak_24955	93
40917148	40917756	H2AZ_Rep2_peak_24956	47
40922806	40923542	H2AZ_Rep2_peak_24957	73
40926684	40927252	H2AZ_Rep2_peak_24958	34
40930697	40933122	H2AZ_Rep2_peak_24959	76
40939318	40940637	H2AZ_Rep2_peak_24960	42
40950037	40952101	H2AZ_Rep2_peak_24961	106
40967887	40972665	H2AZ_Rep2_peak_24962	110
40993676	40994424	H2AZ_Rep2_peak_24963	61
41028958	41029809	H2AZ_Rep2_peak_24966	131
41034686	41035832	H2AZ_Rep2_peak_24967	127

41047063	41047753	H2AZ_Rep2_peak_24968	90
41054841	41055819	H2AZ_Rep2_peak_24969	125
41075568	41077670	H2AZ_Rep2_peak_24970	76
41082072	41083599	H2AZ_Rep2_peak_24971	58
41091441	41092430	H2AZ_Rep2_peak_24972	23
41100608	41101294	H2AZ_Rep2_peak_24973	42
41104157	41105524	H2AZ_Rep2_peak_24974	65
41107381	41114063	H2AZ_Rep2_peak_24975	31
41107381	41114063	H2AZ_Rep2_peak_24975	31
41107381	41114063	H2AZ_Rep2_peak_24975	31
41116128	41116639	H2AZ_Rep2_peak_24976	49
41139053	41140619	H2AZ_Rep2_peak_24977	95
41151701	41152839	H2AZ_Rep2_peak_24978	93
41168606	41169858	H2AZ_Rep2_peak_24979	82
41172268	41173193	H2AZ_Rep2_peak_24980	18
41195728	41197310	H2AZ_Rep2_peak_24981	71
41220410	41225355	H2AZ_Rep2_peak_24982	59
41255534	41257741	H2AZ_Rep2_peak_24983	44
41281072	41285030	H2AZ_Rep2_peak_24984	115
41298368	41299074	H2AZ_Rep2_peak_24985	37
41303611	41304809	H2AZ_Rep2_peak_24986	94
41324299	41324967	H2AZ_Rep2_peak_24987	58
41665083	41666356	H2AZ_Rep2_peak_24989	21
41681765	41682564	H2AZ_Rep2_peak_24990	77
41698342	41699602	H2AZ_Rep2_peak_24991	64
41724437	41725135	H2AZ_Rep2_peak_24992	63
41731354	41732917	H2AZ_Rep2_peak_24993	50
41767867	41772074	H2AZ_Rep2_peak_24994	33
41815676	41816870	H2AZ_Rep2_peak_24995	95
41833025	41834282	H2AZ_Rep2_peak_24996	39
41856940	41859094	H2AZ_Rep2_peak_24997	54
41869326	41870677	H2AZ_Rep2_peak_24998	41
41902924	41904146	H2AZ_Rep2_peak_24999	83
41945435	41945914	H2AZ_Rep2_peak_25000	57
42210663	42211104	H2AZ_Rep2_peak_25003	45
42363166	42364228	H2AZ_Rep2_peak_25004	30
42386680	42388825	H2AZ_Rep2_peak_25005	44
42461596	42464120	H2AZ_Rep2_peak_25007	84
42579171	42580022	H2AZ_Rep2_peak_25008	64
42595816	42596744	H2AZ_Rep2_peak_25009	27
42720910	42722531	H2AZ_Rep2_peak_25012	57
42723793	42725165	H2AZ_Rep2_peak_25013	47
42746466	42749111	H2AZ_Rep2_peak_25014	44



42759920	42760335	H2AZ_Rep2_peak_25015	58
42771680	42772989	H2AZ_Rep2_peak_25016	105
42784594	42787851	H2AZ_Rep2_peak_25017	23
42805826	42807753	H2AZ_Rep2_peak_25018	74
42829176	42830250	H2AZ_Rep2_peak_25019	75
42890840	42891702	H2AZ_Rep2_peak_25020	60
42900318	42901930	H2AZ_Rep2_peak_25021	69
42937331	42937996	H2AZ_Rep2_peak_25022	99
43032576	43033421	H2AZ_Rep2_peak_25024	47
43071779	43072235	H2AZ_Rep2_peak_25025	21
43836898	43837543	H2AZ_Rep2_peak_25028	62
43930054	43930495	H2AZ_Rep2_peak_25029	24
43967197	43972801	H2AZ_Rep2_peak_25031	47
43967197	43972801	H2AZ_Rep2_peak_25031	47
43979019	43979988	H2AZ_Rep2_peak_25033	55
44007622	44008856	H2AZ_Rep2_peak_25034	61
44029955	44031794	H2AZ_Rep2_peak_25035	25
44036723	44038013	H2AZ_Rep2_peak_25036	55
44079025	44080484	H2AZ_Rep2_peak_25037	63
44098962	44101504	H2AZ_Rep2_peak_25038	57
44122875	44124371	H2AZ_Rep2_peak_25039	145
44143063	44144671	H2AZ_Rep2_peak_25040	25
44174305	44175044	H2AZ_Rep2_peak_25041	20
44190768	44192075	H2AZ_Rep2_peak_25043	31
44206842	44208637	H2AZ_Rep2_peak_25045	41
44258344	44259205	H2AZ_Rep2_peak_25048	43
44285318	44289742	H2AZ_Rep2_peak_25049	57
44285318	44289742	H2AZ_Rep2_peak_25049	57
44302529	44303352	H2AZ_Rep2_peak_25050	28
44330903	44332295	H2AZ_Rep2_peak_25051	70
44438504	44440831	H2AZ_Rep2_peak_25052	68
44454923	44455917	H2AZ_Rep2_peak_25053	103
44487617	44488888	H2AZ_Rep2_peak_25054	40
44506241	44508057	H2AZ_Rep2_peak_25055	153
44528828	44530236	H2AZ_Rep2_peak_25056	140
44555295	44556836	H2AZ_Rep2_peak_25057	92
44575469	44576882	H2AZ_Rep2_peak_25058	165
44597801	44599480	H2AZ_Rep2_peak_25059	128
44616941	44618218	H2AZ_Rep2_peak_25060	106
44644977	44646525	H2AZ_Rep2_peak_25061	118
44668396	44669999	H2AZ_Rep2_peak_25062	101
44711159	44712253	H2AZ_Rep2_peak_25063	105
44716768	44717531	H2AZ_Rep2_peak_25064	83

44763784	44764700	H2AZ_Rep2_peak_25065	69
44808303	44809811	H2AZ_Rep2_peak_25066	78
44860366	44861793	H2AZ_Rep2_peak_25067	89
44952120	44953459	H2AZ_Rep2_peak_25068	80
45003938	45005654	H2AZ_Rep2_peak_25069	80
45091104	45092367	H2AZ_Rep2_peak_25070	24
45146719	45147913	H2AZ_Rep2_peak_25072	91
45180132	45180842	H2AZ_Rep2_peak_25073	25
45188072	45188608	H2AZ_Rep2_peak_25074	71
45195151	45196319	H2AZ_Rep2_peak_25075	42
45198438	45199086	H2AZ_Rep2_peak_25076	25
45221697	45222662	H2AZ_Rep2_peak_25077	30
45226911	45228997	H2AZ_Rep2_peak_25078	27
45242031	45242737	H2AZ_Rep2_peak_25079	36
45268421	45268804	H2AZ_Rep2_peak_25080	29
45279704	45280331	H2AZ_Rep2_peak_25081	51
45311187	45311742	H2AZ_Rep2_peak_25083	62
45347541	45350301	H2AZ_Rep2_peak_25084	66
45393220	45394008	H2AZ_Rep2_peak_25085	64
45457541	45459175	H2AZ_Rep2_peak_25086	124
45578928	45583025	H2AZ_Rep2_peak_25089	53
45578928	45583025	H2AZ_Rep2_peak_25089	53
45595888	45596994	H2AZ_Rep2_peak_25090	62
45681007	45682991	H2AZ_Rep2_peak_25092	99
45752690	45754398	H2AZ_Rep2_peak_25093	49
45829392	45830033	H2AZ_Rep2_peak_25094	55
45841697	45842065	H2AZ_Rep2_peak_25095	42
45873265	45874463	H2AZ_Rep2_peak_25096	30
45907709	45910357	H2AZ_Rep2_peak_25099	48
45931683	45932409	H2AZ_Rep2_peak_25100	38
45945955	45946694	H2AZ_Rep2_peak_25102	34
45952254	45954011	H2AZ_Rep2_peak_25103	27
45959281	45959840	H2AZ_Rep2_peak_25104	42
45970486	45971152	H2AZ_Rep2_peak_25105	46
45972805	45973818	H2AZ_Rep2_peak_25106	15
45981251	45983008	H2AZ_Rep2_peak_25107	44
45987766	45989683	H2AZ_Rep2_peak_25108	48
46009351	46010690	H2AZ_Rep2_peak_25110	64
46087185	46088797	H2AZ_Rep2_peak_25112	63
46110172	46111187	H2AZ_Rep2_peak_25113	134
46144397	46144931	H2AZ_Rep2_peak_25115	43
46170723	46172407	H2AZ_Rep2_peak_25116	93
46184298	46185454	H2AZ_Rep2_peak_25117	42

46195058	46196527 H2AZ_Rep2_peak_25118	61
46220076	46221292 H2AZ_Rep2_peak_25119	13
46365593	46367148 H2AZ_Rep2_peak_25122	36
46388935	46390694 H2AZ_Rep2_peak_25123	75
46405330	46406740 H2AZ_Rep2_peak_25124	99
46430235	46431567 H2AZ_Rep2_peak_25125	25
46456335	46457194 H2AZ_Rep2_peak_25126	32
46459157	46459949 H2AZ_Rep2_peak_25127	23
46498018	46499328 H2AZ_Rep2_peak_25129	40
46684117	46685865 H2AZ_Rep2_peak_25130	33
46714749	46715223 H2AZ_Rep2_peak_25131	18
46792272	46793311 H2AZ_Rep2_peak_25133	40
46849578	46850841 H2AZ_Rep2_peak_25135	142
47032850	47033852 H2AZ_Rep2_peak_25136	32
47103445	47104953 H2AZ_Rep2_peak_25137	99
47137034	47137471 H2AZ_Rep2_peak_25138	78
47141746	47143182 H2AZ_Rep2_peak_25139	55
47200367	47201020 H2AZ_Rep2_peak_25140	14
47217183	47220814 H2AZ_Rep2_peak_25141	26
47217183	47220814 H2AZ_Rep2_peak_25141	26
47249728	47250142 H2AZ_Rep2_peak_25142	48
47333061	47333521 H2AZ_Rep2_peak_25143	27
47353573	47354671 H2AZ_Rep2_peak_25144	48
47363028	47365234 H2AZ_Rep2_peak_25145	56
47515919	47517083 H2AZ_Rep2_peak_25146	93
47538426	47539796 H2AZ_Rep2_peak_25147	49
47550873	47551841 H2AZ_Rep2_peak_25148	49
47616029	47617758 H2AZ_Rep2_peak_25150	26
47633325	47634785 H2AZ_Rep2_peak_25151	38
47733226	47736341 H2AZ_Rep2_peak_25152	53
47744542	47745370 H2AZ_Rep2_peak_25153	43
47759246	47759623 H2AZ_Rep2_peak_25155	20
47777154	47777781 H2AZ_Rep2_peak_25156	15
47792147	47793442 H2AZ_Rep2_peak_25157	20
47834755	47835983 H2AZ_Rep2_peak_25161	100
47851949	47853398 H2AZ_Rep2_peak_25162	73
47930561	47932058 H2AZ_Rep2_peak_25163	31
47986723	47987968 H2AZ_Rep2_peak_25164	71
48017856	48019598 H2AZ_Rep2_peak_25165	64
48085448	48085992 H2AZ_Rep2_peak_25167	27
48101604	48102619 H2AZ_Rep2_peak_25168	56
48210295	48210731 H2AZ_Rep2_peak_25173	39
48216603	48217248 H2AZ_Rep2_peak_25174	87

48232403	48232866	H2AZ_Rep2_peak_25175	37
48246246	48248605	H2AZ_Rep2_peak_25176	33
48281314	48282627	H2AZ_Rep2_peak_25177	75
48352001	48353339	H2AZ_Rep2_peak_25178	47
48610825	48611258	H2AZ_Rep2_peak_25180	28
48613691	48614552	H2AZ_Rep2_peak_25181	57
48673140	48674713	H2AZ_Rep2_peak_25182	106
48705796	48708124	H2AZ_Rep2_peak_25183	138
48758465	48760853	H2AZ_Rep2_peak_25185	89
48763102	48763645	H2AZ_Rep2_peak_25186	101
48774368	48775409	H2AZ_Rep2_peak_25188	35
48793638	48794687	H2AZ_Rep2_peak_25189	79
48823692	48825188	H2AZ_Rep2_peak_25191	47
48828429	48828733	H2AZ_Rep2_peak_25192	49
48835724	48838287	H2AZ_Rep2_peak_25193	58
48866496	48868257	H2AZ_Rep2_peak_25194	115
48870779	48871293	H2AZ_Rep2_peak_25195	15
48893706	48895171	H2AZ_Rep2_peak_25197	66
48901145	48903851	H2AZ_Rep2_peak_25198	40
48917016	48918076	H2AZ_Rep2_peak_25200	41
48927035	48928488	H2AZ_Rep2_peak_25201	85
48947756	48949749	H2AZ_Rep2_peak_25202	90
48971767	48973094	H2AZ_Rep2_peak_25203	33
48995809	48997199	H2AZ_Rep2_peak_25204	64
49003865	49006065	H2AZ_Rep2_peak_25205	118
49015736	49017685	H2AZ_Rep2_peak_25206	91
49043344	49043940	H2AZ_Rep2_peak_25207	87
49046378	49047074	H2AZ_Rep2_peak_25208	123
49056237	49059805	H2AZ_Rep2_peak_25209	44
49056237	49059805	H2AZ_Rep2_peak_25209	44
49061293	49062450	H2AZ_Rep2_peak_25210	110
49068118	49068806	H2AZ_Rep2_peak_25211	26
49070967	49072409	H2AZ_Rep2_peak_25212	81
49077416	49078148	H2AZ_Rep2_peak_25213	48
49087123	49087856	H2AZ_Rep2_peak_25214	97
49089759	49093072	H2AZ_Rep2_peak_25215	109
49111913	49112624	H2AZ_Rep2_peak_25216	140
49122007	49123340	H2AZ_Rep2_peak_25217	57
49137381	49142199	H2AZ_Rep2_peak_25218	53
49147834	49150521	H2AZ_Rep2_peak_25219	91
49152385	49153218	H2AZ_Rep2_peak_25220	53
49160357	49160690	H2AZ_Rep2_peak_25222	33
49163223	49165117	H2AZ_Rep2_peak_25223	130

49178029	49179379 H2AZ_Rep2_peak_25224	129
49188704	49189155 H2AZ_Rep2_peak_25225	56
49216811	49218351 H2AZ_Rep2_peak_25227	93
49231997	49233119 H2AZ_Rep2_peak_25228	43
49238196	49238729 H2AZ_Rep2_peak_25229	33
49241636	49242702 H2AZ_Rep2_peak_25230	59
49244554	49245546 H2AZ_Rep2_peak_25231	63
49255368	49256313 H2AZ_Rep2_peak_25233	133
49273316	49274586 H2AZ_Rep2_peak_25235	134
49283680	49284640 H2AZ_Rep2_peak_25236	44
49298198	49298977 H2AZ_Rep2_peak_25237	105
49313536	49315937 H2AZ_Rep2_peak_25238	23
49322792	49323460 H2AZ_Rep2_peak_25239	73
49338691	49340670 H2AZ_Rep2_peak_25240	105
49371449	49372256 H2AZ_Rep2_peak_25243	34
49375059	49376010 H2AZ_Rep2_peak_25244	52
49402485	49404526 H2AZ_Rep2_peak_25245	46
49410889	49411438 H2AZ_Rep2_peak_25246	26
49436331	49437465 H2AZ_Rep2_peak_25247	110
49457490	49458686 H2AZ_Rep2_peak_25248	119
49495694	49497738 H2AZ_Rep2_peak_25249	36
49587941	49589279 H2AZ_Rep2_peak_25250	114
49617052	49618128 H2AZ_Rep2_peak_25251	186
49621272	49623556 H2AZ_Rep2_peak_25252	71
49630793	49632122 H2AZ_Rep2_peak_25253	108
49648963	49649291 H2AZ_Rep2_peak_25254	44
49652369	49655504 H2AZ_Rep2_peak_25255	87
49660531	49661775 H2AZ_Rep2_peak_25256	59
49711006	49711666 H2AZ_Rep2_peak_25257	43
49727069	49729800 H2AZ_Rep2_peak_25258	44
49755714	49756085 H2AZ_Rep2_peak_25259	16
49804306	49804918 H2AZ_Rep2_peak_25261	84
49864948	49867757 H2AZ_Rep2_peak_25263	64
49906659	49908142 H2AZ_Rep2_peak_25266	117
49945706	49947213 H2AZ_Rep2_peak_25269	121
49953937	49957373 H2AZ_Rep2_peak_25270	82
49976434	49978125 H2AZ_Rep2_peak_25271	103
49989891	49990659 H2AZ_Rep2_peak_25272	115
50036704	50038321 H2AZ_Rep2_peak_25275	145
50083164	50085164 H2AZ_Rep2_peak_25277	102
50092814	50097044 H2AZ_Rep2_peak_25278	36
50145545	50146038 H2AZ_Rep2_peak_25279	41
50167846	50169803 H2AZ_Rep2_peak_25280	28

50179333	50180882	H2AZ_Rep2_peak_25282	99
50220915	50221290	H2AZ_Rep2_peak_25284	46
50268789	50270426	H2AZ_Rep2_peak_25286	25
50312088	50313526	H2AZ_Rep2_peak_25287	132
50320925	50322083	H2AZ_Rep2_peak_25288	183
50353289	50354619	H2AZ_Rep2_peak_25289	94
50370022	50373707	H2AZ_Rep2_peak_25290	95
50379257	50381847	H2AZ_Rep2_peak_25291	159
50393484	50393847	H2AZ_Rep2_peak_25292	26
50431874	50433546	H2AZ_Rep2_peak_25293	129
50528030	50529711	H2AZ_Rep2_peak_25295	151
50650778	50651717	H2AZ_Rep2_peak_25296	52
50669159	50673905	H2AZ_Rep2_peak_25297	47
50675566	50677044	H2AZ_Rep2_peak_25298	154
50681646	50682936	H2AZ_Rep2_peak_25299	40
50860473	50860843	H2AZ_Rep2_peak_25305	28
50871799	50872768	H2AZ_Rep2_peak_25306	44
50878090	50880034	H2AZ_Rep2_peak_25308	69
50887133	50888242	H2AZ_Rep2_peak_25309	67
50934300	50935233	H2AZ_Rep2_peak_25310	111
50963431	50965009	H2AZ_Rep2_peak_25312	43
50969885	50970194	H2AZ_Rep2_peak_25313	34
50979009	50980984	H2AZ_Rep2_peak_25314	202
51013865	51015570	H2AZ_Rep2_peak_25315	120
51181423	51182748	H2AZ_Rep2_peak_25318	34
51307529	51309086	H2AZ_Rep2_peak_25319	88
51338560	51339903	H2AZ_Rep2_peak_25321	115
51610784	51612396	H2AZ_Rep2_peak_25329	81
51712271	51714943	H2AZ_Rep2_peak_25331	23
51727687	51729472	H2AZ_Rep2_peak_25332	33
51841787	51844013	H2AZ_Rep2_peak_25333	95
51868598	51871770	H2AZ_Rep2_peak_25334	92
51896017	51898426	H2AZ_Rep2_peak_25335	117
51963771	51964401	H2AZ_Rep2_peak_25336	40
52073712	52075076	H2AZ_Rep2_peak_25337	24
52096631	52098441	H2AZ_Rep2_peak_25338	106
52190850	52192420	H2AZ_Rep2_peak_25339	78
52207155	52207827	H2AZ_Rep2_peak_25340	16
52429860	52431253	H2AZ_Rep2_peak_25341	102
52489557	52490612	H2AZ_Rep2_peak_25342	85
52510624	52512246	H2AZ_Rep2_peak_25343	136
52531139	52532465	H2AZ_Rep2_peak_25344	160
52551453	52552769	H2AZ_Rep2_peak_25345	114

52598358	52599620	H2AZ_Rep2_peak_25346	58
52641824	52643872	H2AZ_Rep2_peak_25347	75
52674213	52675679	H2AZ_Rep2_peak_25348	118
52691920	52693776	H2AZ_Rep2_peak_25349	44
52772316	52773540	H2AZ_Rep2_peak_25350	39
52800033	52801145	H2AZ_Rep2_peak_25351	48
53030161	53031631	H2AZ_Rep2_peak_25352	64
53104014	53104894	H2AZ_Rep2_peak_25353	25
53140885	53141617	H2AZ_Rep2_peak_25354	26
53192969	53194536	H2AZ_Rep2_peak_25355	50
53237354	53239121	H2AZ_Rep2_peak_25356	32
53289353	53290506	H2AZ_Rep2_peak_25357	52
53360336	53361397	H2AZ_Rep2_peak_25359	33
53400212	53401532	H2AZ_Rep2_peak_25360	52
53425750	53427216	H2AZ_Rep2_peak_25361	32
53445278	53446386	H2AZ_Rep2_peak_25362	55
53465517	53466741	H2AZ_Rep2_peak_25363	64
53605988	53607369	H2AZ_Rep2_peak_25364	57
53836556	53837564	H2AZ_Rep2_peak_25365	41
53897840	53899127	H2AZ_Rep2_peak_25367	51
53934783	53935960	H2AZ_Rep2_peak_25368	31
54023579	54025160	H2AZ_Rep2_peak_25370	51
54040405	54042006	H2AZ_Rep2_peak_25371	112
54048643	54049158	H2AZ_Rep2_peak_25372	58
54382173	54385858	H2AZ_Rep2_peak_25375	39
54382173	54385858	H2AZ_Rep2_peak_25375	39
54392177	54393187	H2AZ_Rep2_peak_25376	56
54483238	54484891	H2AZ_Rep2_peak_25377	28
54511326	54512154	H2AZ_Rep2_peak_25378	45
54599806	54600283	H2AZ_Rep2_peak_25380	19
54605648	54606743	H2AZ_Rep2_peak_25381	123
54618575	54619352	H2AZ_Rep2_peak_25382	47
54640156	54640803	H2AZ_Rep2_peak_25383	84
54663002	54664312	H2AZ_Rep2_peak_25384	68
54693139	54695626	H2AZ_Rep2_peak_25385	37
54959374	54960645	H2AZ_Rep2_peak_25387	33
55516931	55517759	H2AZ_Rep2_peak_25391	27
55573544	55575061	H2AZ_Rep2_peak_25393	42
55580484	55583626	H2AZ_Rep2_peak_25394	106
55590660	55592518	H2AZ_Rep2_peak_25395	37
55627725	55630222	H2AZ_Rep2_peak_25396	79
55646347	55646663	H2AZ_Rep2_peak_25397	34
55657703	55658703	H2AZ_Rep2_peak_25398	92

55663094	55663835	H2AZ_Rep2_peak_25399	89
55669897	55672132	H2AZ_Rep2_peak_25400	43
55676902	55679306	H2AZ_Rep2_peak_25401	147
55684947	55687899	H2AZ_Rep2_peak_25403	43
55700056	55701365	H2AZ_Rep2_peak_25404	36
55718106	55718821	H2AZ_Rep2_peak_25405	49
55727465	55728786	H2AZ_Rep2_peak_25407	91
55770010	55771399	H2AZ_Rep2_peak_25408	138
55790560	55795162	H2AZ_Rep2_peak_25409	108
55812328	55813866	H2AZ_Rep2_peak_25411	179
55849765	55852918	H2AZ_Rep2_peak_25415	150
55862998	55865716	H2AZ_Rep2_peak_25416	44
55894342	55898973	H2AZ_Rep2_peak_25417	62
55918849	55920403	H2AZ_Rep2_peak_25418	220
55971576	55974049	H2AZ_Rep2_peak_25420	196
55978925	55979788	H2AZ_Rep2_peak_25421	57
55983838	55984183	H2AZ_Rep2_peak_25422	52
55986323	55988705	H2AZ_Rep2_peak_25423	59
56014603	56016433	H2AZ_Rep2_peak_25425	127
56028278	56028997	H2AZ_Rep2_peak_25427	77
56037298	56039613	H2AZ_Rep2_peak_25429	85
56058461	56062916	H2AZ_Rep2_peak_25430	108
56058461	56062916	H2AZ_Rep2_peak_25430	108
56075362	56076034	H2AZ_Rep2_peak_25431	33
56091698	56093725	H2AZ_Rep2_peak_25432	115
56098434	56099149	H2AZ_Rep2_peak_25433	66
56110950	56111612	H2AZ_Rep2_peak_25434	142
56115993	56117962	H2AZ_Rep2_peak_25435	18
56135960	56136524	H2AZ_Rep2_peak_25436	136
56142856	56146773	H2AZ_Rep2_peak_25437	45
56142856	56146773	H2AZ_Rep2_peak_25437	45
56151869	56153103	H2AZ_Rep2_peak_25438	55
56154350	56155032	H2AZ_Rep2_peak_25439	18
56159143	56160126	H2AZ_Rep2_peak_25440	58
56165142	56167279	H2AZ_Rep2_peak_25441	67
56186219	56187239	H2AZ_Rep2_peak_25442	45
56289687	56290002	H2AZ_Rep2_peak_25443	19
56319322	56321396	H2AZ_Rep2_peak_25444	149
56577727	56578501	H2AZ_Rep2_peak_25446	26
56602696	56603698	H2AZ_Rep2_peak_25448	39
56631956	56633690	H2AZ_Rep2_peak_25449	137
56651396	56652677	H2AZ_Rep2_peak_25451	117
56825143	56827653	H2AZ_Rep2_peak_25454	186



57105920	57107364	H2AZ_Rep2_peak_25455	117
57702165	57703484	H2AZ_Rep2_peak_25456	96
57751459	57753037	H2AZ_Rep2_peak_25457	146
57790928	57792586	H2AZ_Rep2_peak_25458	36
57831165	57832815	H2AZ_Rep2_peak_25459	64
57861812	57863155	H2AZ_Rep2_peak_25460	74
57874117	57875443	H2AZ_Rep2_peak_25461	77
57900440	57902113	H2AZ_Rep2_peak_25462	123
57921863	57923396	H2AZ_Rep2_peak_25463	138
57945883	57947382	H2AZ_Rep2_peak_25464	99
57988498	57989457	H2AZ_Rep2_peak_25465	70
57998463	57999505	H2AZ_Rep2_peak_25466	70
58070339	58071866	H2AZ_Rep2_peak_25467	45
58089455	58091092	H2AZ_Rep2_peak_25468	71
58110557	58111805	H2AZ_Rep2_peak_25469	80
58124916	58126266	H2AZ_Rep2_peak_25470	83
58143514	58145654	H2AZ_Rep2_peak_25471	58
58257339	58258999	H2AZ_Rep2_peak_25472	69
58280285	58281398	H2AZ_Rep2_peak_25473	93
58325525	58326742	H2AZ_Rep2_peak_25474	54
58330197	58331632	H2AZ_Rep2_peak_25475	62
58361269	58361636	H2AZ_Rep2_peak_25476	38
58427332	58427985	H2AZ_Rep2_peak_25477	39
58513855	58514781	H2AZ_Rep2_peak_25478	29
58661554	58662635	H2AZ_Rep2_peak_25479	74
58693579	58695334	H2AZ_Rep2_peak_25480	59
58739230	58740612	H2AZ_Rep2_peak_25481	84
58789520	58791074	H2AZ_Rep2_peak_25482	44
58815880	58817324	H2AZ_Rep2_peak_25483	135
58837726	58839365	H2AZ_Rep2_peak_25484	209
58872766	58874689	H2AZ_Rep2_peak_25485	149
58890930	58892952	H2AZ_Rep2_peak_25486	117
58897167	58898585	H2AZ_Rep2_peak_25487	83
58912105	58913583	H2AZ_Rep2_peak_25488	47
58919080	58921095	H2AZ_Rep2_peak_25489	145
58962078	58963679	H2AZ_Rep2_peak_25490	111
58977726	58979021	H2AZ_Rep2_peak_25491	93
58986840	58988225	H2AZ_Rep2_peak_25492	55
59009713	59011629	H2AZ_Rep2_peak_25493	143
59024887	59026079	H2AZ_Rep2_peak_25494	47
59029913	59031946	H2AZ_Rep2_peak_25495	91
59054800	59056029	H2AZ_Rep2_peak_25496	45
59065620	59066692	H2AZ_Rep2_peak_25497	63

59070053	59071439	H2AZ_Rep2_peak_25498	65
59083348	59087744	H2AZ_Rep2_peak_25499	108
544628	545545	H2AZ_Rep2_peak_25500	53
28853	29829	H2AZ_Rep2_peak_25501	21
33389	33972	H2AZ_Rep2_peak_25502	58
45785	47769	H2AZ_Rep2_peak_25503	64
68760	69825	H2AZ_Rep2_peak_25504	24
264271	265685	H2AZ_Rep2_peak_25508	86
382258	383487	H2AZ_Rep2_peak_25510	19
393544	394538	H2AZ_Rep2_peak_25511	89
423469	425894	H2AZ_Rep2_peak_25513	111
437286	439322	H2AZ_Rep2_peak_25514	41
529190	529523	H2AZ_Rep2_peak_25520	24
566607	569289	H2AZ_Rep2_peak_25524	133
602365	605518	H2AZ_Rep2_peak_25530	30
628132	629282	H2AZ_Rep2_peak_25531	150
633816	637963	H2AZ_Rep2_peak_25532	50
654156	655991	H2AZ_Rep2_peak_25533	20
676330	678421	H2AZ_Rep2_peak_25534	150
739700	741267	H2AZ_Rep2_peak_25538	70
1017891	1018220	H2AZ_Rep2_peak_25543	56
1548412	1550794	H2AZ_Rep2_peak_25550	42
1554548	1555160	H2AZ_Rep2_peak_25551	34
1590108	1591537	H2AZ_Rep2_peak_25552	50
1597414	1597975	H2AZ_Rep2_peak_25553	54
1604370	1605598	H2AZ_Rep2_peak_25555	70
1628920	1629729	H2AZ_Rep2_peak_25557	62
1635652	1636189	H2AZ_Rep2_peak_25558	23
1689587	1690660	H2AZ_Rep2_peak_25559	31
1724751	1726291	H2AZ_Rep2_peak_25561	54
1733863	1734932	H2AZ_Rep2_peak_25562	28
1753780	1755221	H2AZ_Rep2_peak_25563	14
1794247	1796884	H2AZ_Rep2_peak_25566	63
1798830	1800854	H2AZ_Rep2_peak_25567	58
1820911	1822009	H2AZ_Rep2_peak_25568	74
3380675	3384448	H2AZ_Rep2_peak_25589	118
3521976	3523926	H2AZ_Rep2_peak_25590	95
3583089	3585050	H2AZ_Rep2_peak_25591	180
3605346	3607105	H2AZ_Rep2_peak_25592	75
3622020	3623671	H2AZ_Rep2_peak_25593	53
3697589	3698845	H2AZ_Rep2_peak_25596	35
6221293	6221754	H2AZ_Rep2_peak_25612	17
8055601	8056154	H2AZ_Rep2_peak_25618	19

8202482	8202905 H2AZ_Rep2_peak_25621	18
8732381	8734593 H2AZ_Rep2_peak_25631	27
8735883	8738676 H2AZ_Rep2_peak_25632	57
8802020	8803460 H2AZ_Rep2_peak_25636	23
8817429	8822883 H2AZ_Rep2_peak_25637	56
8976741	8978348 H2AZ_Rep2_peak_25642	93
9142842	9144890 H2AZ_Rep2_peak_25645	56
9198285	9199232 H2AZ_Rep2_peak_25648	41
9209944	9212160 H2AZ_Rep2_peak_25650	44
9282325	9285972 H2AZ_Rep2_peak_25653	42
9292960	9294359 H2AZ_Rep2_peak_25654	49
9315326	9316038 H2AZ_Rep2_peak_25655	14
9318950	9320764 H2AZ_Rep2_peak_25656	49
9345771	9348450 H2AZ_Rep2_peak_25657	64
9374472	9375679 H2AZ_Rep2_peak_25659	17
9520812	9521897 H2AZ_Rep2_peak_25663	69
9526523	9528091 H2AZ_Rep2_peak_25664	52
9562608	9564656 H2AZ_Rep2_peak_25665	95
9614284	9615613 H2AZ_Rep2_peak_25666	126
9694936	9697115 H2AZ_Rep2_peak_25667	61
9705267	9706158 H2AZ_Rep2_peak_25668	40
9770165	9771815 H2AZ_Rep2_peak_25669	58
9814931	9816890 H2AZ_Rep2_peak_25673	87
9820321	9821885 H2AZ_Rep2_peak_25674	32
9832499	9834101 H2AZ_Rep2_peak_25675	88
9838145	9840238 H2AZ_Rep2_peak_25676	42
9842618	9844519 H2AZ_Rep2_peak_25677	44
9892540	9895511 H2AZ_Rep2_peak_25679	121
9910331	9911304 H2AZ_Rep2_peak_25680	41
9918079	9918638 H2AZ_Rep2_peak_25681	32
9939860	9942372 H2AZ_Rep2_peak_25684	92
9951620	9954939 H2AZ_Rep2_peak_25685	84
9959796	9960980 H2AZ_Rep2_peak_25686	162
9970515	9972016 H2AZ_Rep2_peak_25688	48
9976627	9977375 H2AZ_Rep2_peak_25689	44
9983004	9984937 H2AZ_Rep2_peak_25690	79
10090490	10092749 H2AZ_Rep2_peak_25691	48
10167288	10170185 H2AZ_Rep2_peak_25693	22
10175738	10178141 H2AZ_Rep2_peak_25694	49
10182563	10184714 H2AZ_Rep2_peak_25695	41
10260019	10263419 H2AZ_Rep2_peak_25698	58
10393816	10395934 H2AZ_Rep2_peak_25701	33
10410533	10411781 H2AZ_Rep2_peak_25702	28

10421969	10426691	H2AZ_Rep2_peak_25704	92
10421969	10426691	H2AZ_Rep2_peak_25704	92
10437762	10438608	H2AZ_Rep2_peak_25706	29
10441073	10444425	H2AZ_Rep2_peak_25707	46
10525554	10527208	H2AZ_Rep2_peak_25710	94
10571607	10575269	H2AZ_Rep2_peak_25712	87
10588974	10590672	H2AZ_Rep2_peak_25713	39
10592095	10592618	H2AZ_Rep2_peak_25714	75
10626925	10627265	H2AZ_Rep2_peak_25715	21
10633442	10634398	H2AZ_Rep2_peak_25716	57
10829485	10830680	H2AZ_Rep2_peak_25719	167
10849304	10850052	H2AZ_Rep2_peak_25721	34
10857649	10858014	H2AZ_Rep2_peak_25722	35
10902679	10903289	H2AZ_Rep2_peak_25725	39
10905294	10906536	H2AZ_Rep2_peak_25726	29
10908143	10908850	H2AZ_Rep2_peak_25727	77
10913948	10915124	H2AZ_Rep2_peak_25728	54
10952481	10954901	H2AZ_Rep2_peak_25729	69
11054238	11054752	H2AZ_Rep2_peak_25731	18
11272160	11273869	H2AZ_Rep2_peak_25738	161
11294510	11296224	H2AZ_Rep2_peak_25740	81
11484478	11486423	H2AZ_Rep2_peak_25741	24
11510775	11512073	H2AZ_Rep2_peak_25744	18
11514368	11515463	H2AZ_Rep2_peak_25745	165
11525574	11531948	H2AZ_Rep2_peak_25746	66
11525574	11531948	H2AZ_Rep2_peak_25746	66
11543765	11545028	H2AZ_Rep2_peak_25748	37
11550948	11552729	H2AZ_Rep2_peak_25750	32
11605457	11607436	H2AZ_Rep2_peak_25751	88
11646131	11646589	H2AZ_Rep2_peak_25752	18
11672309	11674571	H2AZ_Rep2_peak_25753	38
11819761	11823064	H2AZ_Rep2_peak_25758	30
11827745	11829453	H2AZ_Rep2_peak_25759	92
11836734	11838264	H2AZ_Rep2_peak_25761	109
11856462	11861071	H2AZ_Rep2_peak_25762	29
11856462	11861071	H2AZ_Rep2_peak_25762	29
11878460	11879665	H2AZ_Rep2_peak_25765	101
11882738	11887626	H2AZ_Rep2_peak_25766	78
11919183	11919538	H2AZ_Rep2_peak_25767	32
11969260	11972360	H2AZ_Rep2_peak_25768	160
12591755	12592532	H2AZ_Rep2_peak_25780	35
12596845	12597585	H2AZ_Rep2_peak_25781	47
15700383	15703585	H2AZ_Rep2_peak_25788	194

15731182	15732755	H2AZ_Rep2_peak_25792	143
16789907	16790570	H2AZ_Rep2_peak_25797	100
16830652	16831938	H2AZ_Rep2_peak_25798	18
17824210	17825047	H2AZ_Rep2_peak_25800	43
17934230	17936200	H2AZ_Rep2_peak_25801	41
18050436	18050875	H2AZ_Rep2_peak_25804	24
18740713	18742909	H2AZ_Rep2_peak_25806	110
19273127	19274155	H2AZ_Rep2_peak_25810	66
19330119	19332286	H2AZ_Rep2_peak_25811	62
19368875	19369292	H2AZ_Rep2_peak_25812	36
19376181	19376653	H2AZ_Rep2_peak_25813	38
19546905	19548478	H2AZ_Rep2_peak_25820	167
19561942	19562974	H2AZ_Rep2_peak_25822	91
19735716	19736240	H2AZ_Rep2_peak_25823	31
19817046	19817631	H2AZ_Rep2_peak_25827	43
19974184	19974855	H2AZ_Rep2_peak_25830	12
19985717	19986772	H2AZ_Rep2_peak_25831	63
20063001	20063698	H2AZ_Rep2_peak_25835	50
20100418	20102537	H2AZ_Rep2_peak_25837	203
20189060	20191261	H2AZ_Rep2_peak_25838	155
20211719	20212999	H2AZ_Rep2_peak_25841	24
20250119	20253114	H2AZ_Rep2_peak_25842	63
20264741	20268313	H2AZ_Rep2_peak_25843	54
20270981	20272194	H2AZ_Rep2_peak_25844	159
20290787	20291742	H2AZ_Rep2_peak_25846	70
20293049	20294181	H2AZ_Rep2_peak_25847	30
20297742	20298315	H2AZ_Rep2_peak_25848	40
20340522	20343216	H2AZ_Rep2_peak_25853	94
20348512	20349864	H2AZ_Rep2_peak_25854	25
20364245	20367203	H2AZ_Rep2_peak_25856	37
20382024	20382633	H2AZ_Rep2_peak_25858	17
20383846	20386740	H2AZ_Rep2_peak_25859	25
20423389	20426069	H2AZ_Rep2_peak_25861	72
20430813	20432826	H2AZ_Rep2_peak_25862	69
20550193	20552335	H2AZ_Rep2_peak_25864	117
20578727	20579263	H2AZ_Rep2_peak_25867	22
20638047	20640575	H2AZ_Rep2_peak_25872	36
20665754	20668339	H2AZ_Rep2_peak_25874	23
20687196	20688877	H2AZ_Rep2_peak_25877	31
20694292	20694695	H2AZ_Rep2_peak_25879	22
20696060	20697360	H2AZ_Rep2_peak_25880	69
20699225	20704226	H2AZ_Rep2_peak_25881	20
20699225	20704226	H2AZ_Rep2_peak_25881	20

20705582	20707336	H2AZ_Rep2_peak_25882	43
20708833	20711972	H2AZ_Rep2_peak_25883	38
20713661	20717016	H2AZ_Rep2_peak_25884	30
20724893	20725671	H2AZ_Rep2_peak_25886	46
20730210	20734995	H2AZ_Rep2_peak_25887	46
20777311	20779784	H2AZ_Rep2_peak_25893	56
20783963	20785811	H2AZ_Rep2_peak_25894	53
20795375	20797221	H2AZ_Rep2_peak_25895	42
20798868	20799322	H2AZ_Rep2_peak_25896	45
20816898	20819616	H2AZ_Rep2_peak_25898	52
20850226	20851612	H2AZ_Rep2_peak_25900	142
21021751	21023361	H2AZ_Rep2_peak_25902	103
23573477	23575004	H2AZ_Rep2_peak_25910	30
23602145	23604618	H2AZ_Rep2_peak_25912	55
23607053	23609489	H2AZ_Rep2_peak_25913	41
23746857	23748316	H2AZ_Rep2_peak_25917	52
23824614	23825019	H2AZ_Rep2_peak_25918	17
24148845	24150900	H2AZ_Rep2_peak_25920	104
24162377	24164142	H2AZ_Rep2_peak_25921	107
24238752	24239546	H2AZ_Rep2_peak_25922	59
24269670	24271086	H2AZ_Rep2_peak_25923	171
24298629	24299271	H2AZ_Rep2_peak_25925	140
24305798	24309578	H2AZ_Rep2_peak_25926	155
24345304	24347113	H2AZ_Rep2_peak_25927	194
24375744	24376898	H2AZ_Rep2_peak_25928	21
24582062	24584338	H2AZ_Rep2_peak_25930	153
24587726	24588320	H2AZ_Rep2_peak_25931	99
24627418	24627753	H2AZ_Rep2_peak_25933	28
24631773	24633253	H2AZ_Rep2_peak_25934	35
24652883	24653406	H2AZ_Rep2_peak_25936	16
24679503	24680252	H2AZ_Rep2_peak_25938	16
24712316	24716126	H2AZ_Rep2_peak_25939	88
25015411	25017150	H2AZ_Rep2_peak_25940	123
25096069	25097532	H2AZ_Rep2_peak_25942	15
25140897	25144322	H2AZ_Rep2_peak_25943	69
25193595	25195671	H2AZ_Rep2_peak_25945	83
25219802	25220102	H2AZ_Rep2_peak_25946	13
25263997	25266285	H2AZ_Rep2_peak_25948	93
25300936	25302142	H2AZ_Rep2_peak_25949	67
25321079	25322347	H2AZ_Rep2_peak_25950	138
25326525	25329107	H2AZ_Rep2_peak_25951	38
25417539	25419433	H2AZ_Rep2_peak_25955	24
25517879	25518600	H2AZ_Rep2_peak_25959	47

25565072	25565898	H2AZ_Rep2_peak_25961	71
25570683	25572648	H2AZ_Rep2_peak_25962	60
25584576	25585859	H2AZ_Rep2_peak_25965	90
25587422	25588123	H2AZ_Rep2_peak_25966	22
25599212	25600467	H2AZ_Rep2_peak_25967	53
25734928	25737702	H2AZ_Rep2_peak_25968	46
25895333	25897564	H2AZ_Rep2_peak_25969	102
25932276	25933488	H2AZ_Rep2_peak_25972	37
26100456	26102363	H2AZ_Rep2_peak_25974	106
26135808	26136456	H2AZ_Rep2_peak_25978	72
26200484	26201007	H2AZ_Rep2_peak_25983	16
26204015	26206203	H2AZ_Rep2_peak_25984	73
26213488	26215062	H2AZ_Rep2_peak_25986	32
26220489	26220823	H2AZ_Rep2_peak_25987	34
26223255	26225234	H2AZ_Rep2_peak_25988	48
26231541	26232304	H2AZ_Rep2_peak_25989	59
26234009	26236633	H2AZ_Rep2_peak_25990	31
26256028	26257729	H2AZ_Rep2_peak_25993	100
26465559	26468774	H2AZ_Rep2_peak_25994	105
26521977	26524296	H2AZ_Rep2_peak_25996	36
26568022	26569768	H2AZ_Rep2_peak_25998	88
26726216	26727306	H2AZ_Rep2_peak_26001	38
26799918	26800892	H2AZ_Rep2_peak_26005	65
26919014	26920437	H2AZ_Rep2_peak_26009	27
26943151	26948666	H2AZ_Rep2_peak_26013	44
26943151	26948666	H2AZ_Rep2_peak_26013	44
26957925	26960200	H2AZ_Rep2_peak_26014	62
26972803	26973247	H2AZ_Rep2_peak_26017	48
26981082	26982094	H2AZ_Rep2_peak_26019	86
26986694	26988051	H2AZ_Rep2_peak_26020	61
26991707	26992703	H2AZ_Rep2_peak_26021	81
27008267	27010036	H2AZ_Rep2_peak_26022	87
27193034	27194265	H2AZ_Rep2_peak_26026	105
27205209	27205509	H2AZ_Rep2_peak_26027	17
27238691	27240091	H2AZ_Rep2_peak_26029	33
27255073	27256408	H2AZ_Rep2_peak_26030	98
27272431	27275471	H2AZ_Rep2_peak_26031	146
27293970	27295335	H2AZ_Rep2_peak_26032	99
27303517	27304946	H2AZ_Rep2_peak_26034	110
27308337	27310180	H2AZ_Rep2_peak_26035	117
27318607	27320671	H2AZ_Rep2_peak_26036	39
27356270	27358693	H2AZ_Rep2_peak_26038	89
27434008	27436296	H2AZ_Rep2_peak_26042	131

27439797	27441138	H2AZ_Rep2_peak_26043	102
27484111	27486417	H2AZ_Rep2_peak_26044	53
27505268	27506443	H2AZ_Rep2_peak_26046	83
27516229	27517258	H2AZ_Rep2_peak_26048	27
27525850	27526384	H2AZ_Rep2_peak_26049	60
27543734	27546702	H2AZ_Rep2_peak_26050	59
27543734	27546702	H2AZ_Rep2_peak_26050	59
27579012	27580397	H2AZ_Rep2_peak_26051	136
27592330	27594285	H2AZ_Rep2_peak_26052	112
27631784	27633323	H2AZ_Rep2_peak_26054	87
27650509	27652834	H2AZ_Rep2_peak_26055	71
27711809	27715602	H2AZ_Rep2_peak_26057	236
27719152	27720195	H2AZ_Rep2_peak_26059	24
27804835	27806644	H2AZ_Rep2_peak_26062	125
27851112	27852783	H2AZ_Rep2_peak_26063	167
27885917	27887523	H2AZ_Rep2_peak_26064	282
27926284	27929728	H2AZ_Rep2_peak_26065	33
27937315	27938669	H2AZ_Rep2_peak_26067	96
27942574	27947314	H2AZ_Rep2_peak_26068	59
27942574	27947314	H2AZ_Rep2_peak_26068	59
27957911	27961345	H2AZ_Rep2_peak_26069	68
27974397	27977335	H2AZ_Rep2_peak_26070	63
27993960	27995338	H2AZ_Rep2_peak_26071	135
28015420	28015804	H2AZ_Rep2_peak_26072	42
28112558	28114256	H2AZ_Rep2_peak_26075	161
28152038	28153541	H2AZ_Rep2_peak_26076	33
28177838	28178194	H2AZ_Rep2_peak_26077	20
28491183	28492415	H2AZ_Rep2_peak_26079	16
28496812	28499543	H2AZ_Rep2_peak_26080	63
28561301	28562309	H2AZ_Rep2_peak_26081	22
28578333	28579984	H2AZ_Rep2_peak_26083	74
28581312	28585115	H2AZ_Rep2_peak_26084	52
28587040	28590184	H2AZ_Rep2_peak_26085	61
28597261	28601763	H2AZ_Rep2_peak_26086	78
28612709	28614493	H2AZ_Rep2_peak_26088	18
28659197	28663252	H2AZ_Rep2_peak_26090	61
28670776	28677596	H2AZ_Rep2_peak_26092	49
28670776	28677596	H2AZ_Rep2_peak_26092	49
28764950	28772119	H2AZ_Rep2_peak_26102	42
28787282	28791545	H2AZ_Rep2_peak_26104	74
28806409	28807773	H2AZ_Rep2_peak_26105	68
28816272	28819800	H2AZ_Rep2_peak_26107	45
28833279	28837541	H2AZ_Rep2_peak_26110	37



28840619	28845126	H2AZ_Rep2_peak_26111	49
28866123	28868462	H2AZ_Rep2_peak_26114	49
28871152	28873656	H2AZ_Rep2_peak_26115	37
28884394	28887278	H2AZ_Rep2_peak_26118	43
28905667	28907721	H2AZ_Rep2_peak_26120	103
28914508	28915623	H2AZ_Rep2_peak_26121	216
28938904	28940650	H2AZ_Rep2_peak_26124	40
28973164	28975329	H2AZ_Rep2_peak_26125	39
29091319	29093893	H2AZ_Rep2_peak_26126	183
29116898	29118143	H2AZ_Rep2_peak_26127	39
29198751	29200213	H2AZ_Rep2_peak_26131	34
29216154	29217080	H2AZ_Rep2_peak_26132	46
29245569	29246971	H2AZ_Rep2_peak_26135	15
29255821	29257168	H2AZ_Rep2_peak_26136	31
29329501	29331884	H2AZ_Rep2_peak_26140	39
29335941	29340863	H2AZ_Rep2_peak_26142	55
29352913	29353874	H2AZ_Rep2_peak_26143	26
29666892	29667207	H2AZ_Rep2_peak_26149	19
30368766	30370916	H2AZ_Rep2_peak_26151	90
30372281	30372689	H2AZ_Rep2_peak_26152	10
30475520	30478571	H2AZ_Rep2_peak_26157	67
30488873	30490059	H2AZ_Rep2_peak_26158	63
30494452	30497800	H2AZ_Rep2_peak_26159	34
30669086	30671046	H2AZ_Rep2_peak_26162	206
30886142	30889671	H2AZ_Rep2_peak_26163	88
31546308	31547872	H2AZ_Rep2_peak_26168	26
31604431	31608565	H2AZ_Rep2_peak_26170	28
32234442	32236886	H2AZ_Rep2_peak_26173	101
32263863	32265497	H2AZ_Rep2_peak_26174	121
32287486	32289889	H2AZ_Rep2_peak_26176	86
32390295	32391630	H2AZ_Rep2_peak_26177	52
32502469	32503859	H2AZ_Rep2_peak_26180	100
32581357	32583514	H2AZ_Rep2_peak_26181	104
32852458	32853788	H2AZ_Rep2_peak_26182	239
33158631	33159437	H2AZ_Rep2_peak_26183	21
33294619	33295853	H2AZ_Rep2_peak_26186	44
33700545	33702785	H2AZ_Rep2_peak_26195	147
33754719	33756861	H2AZ_Rep2_peak_26196	42
33822847	33825245	H2AZ_Rep2_peak_26198	193
35377878	35378265	H2AZ_Rep2_peak_26200	16
35379571	35380348	H2AZ_Rep2_peak_26201	18
36582007	36585582	H2AZ_Rep2_peak_26205	52
36795636	36797054	H2AZ_Rep2_peak_26207	51

36823475	36825991	H2AZ_Rep2_peak_26208	56
36841613	36842792	H2AZ_Rep2_peak_26209	45
36845624	36846287	H2AZ_Rep2_peak_26210	46
36875970	36877761	H2AZ_Rep2_peak_26211	52
36891228	36892001	H2AZ_Rep2_peak_26212	15
36924573	36925166	H2AZ_Rep2_peak_26215	28
36928136	36929492	H2AZ_Rep2_peak_26216	20
36957862	36960421	H2AZ_Rep2_peak_26218	20
37192689	37195243	H2AZ_Rep2_peak_26223	78
37310794	37312437	H2AZ_Rep2_peak_26224	232
37383255	37385741	H2AZ_Rep2_peak_26225	86
37395223	37395720	H2AZ_Rep2_peak_26226	39
37416854	37417823	H2AZ_Rep2_peak_26228	21
37422739	37424586	H2AZ_Rep2_peak_26229	151
37457999	37459956	H2AZ_Rep2_peak_26230	163
37550960	37554262	H2AZ_Rep2_peak_26231	104
37616991	37618451	H2AZ_Rep2_peak_26235	45
37641614	37642848	H2AZ_Rep2_peak_26236	13
37751110	37752426	H2AZ_Rep2_peak_26241	41
37786001	37789361	H2AZ_Rep2_peak_26243	27
37812329	37813990	H2AZ_Rep2_peak_26244	28
37898065	37899204	H2AZ_Rep2_peak_26247	79
37915478	37917324	H2AZ_Rep2_peak_26249	21
37938359	37939064	H2AZ_Rep2_peak_26251	23
38151901	38154107	H2AZ_Rep2_peak_26256	106
38209355	38210224	H2AZ_Rep2_peak_26257	21
38302722	38305026	H2AZ_Rep2_peak_26259	113
38333439	38334485	H2AZ_Rep2_peak_26261	61
38372009	38376938	H2AZ_Rep2_peak_26262	94
38603422	38605716	H2AZ_Rep2_peak_26266	108
38689208	38689817	H2AZ_Rep2_peak_26268	62
38693023	38694140	H2AZ_Rep2_peak_26269	23
38735763	38738474	H2AZ_Rep2_peak_26272	32
38762985	38763718	H2AZ_Rep2_peak_26273	58
38769637	38770509	H2AZ_Rep2_peak_26274	53
38829416	38831017	H2AZ_Rep2_peak_26275	78
38875098	38875770	H2AZ_Rep2_peak_26277	25
38892105	38894139	H2AZ_Rep2_peak_26280	207
38912230	38913377	H2AZ_Rep2_peak_26281	34
38917733	38918135	H2AZ_Rep2_peak_26282	54
38977756	38979406	H2AZ_Rep2_peak_26284	116
39004834	39006209	H2AZ_Rep2_peak_26286	101
39102170	39104092	H2AZ_Rep2_peak_26288	204

39173431	39177003	H2AZ_Rep2_peak_26290	37
39346183	39348961	H2AZ_Rep2_peak_26292	80
39350825	39352495	H2AZ_Rep2_peak_26293	168
39453862	39455442	H2AZ_Rep2_peak_26295	102
39663538	39665615	H2AZ_Rep2_peak_26296	130
39731657	39732524	H2AZ_Rep2_peak_26297	34
39777779	39778169	H2AZ_Rep2_peak_26298	51
40005656	40008640	H2AZ_Rep2_peak_26304	104
40010183	40010787	H2AZ_Rep2_peak_26305	20
40223843	40224591	H2AZ_Rep2_peak_26306	16
40471360	40473820	H2AZ_Rep2_peak_26310	19
40579658	40581763	H2AZ_Rep2_peak_26314	47
40592013	40592316	H2AZ_Rep2_peak_26316	44
40685200	40686723	H2AZ_Rep2_peak_26319	54
40738950	40739741	H2AZ_Rep2_peak_26320	63
41962456	41964187	H2AZ_Rep2_peak_26325	37
42067590	42068892	H2AZ_Rep2_peak_26327	130
42080622	42082553	H2AZ_Rep2_peak_26329	21
42087103	42087632	H2AZ_Rep2_peak_26330	53
42149277	42149805	H2AZ_Rep2_peak_26335	24
42152862	42156295	H2AZ_Rep2_peak_26336	21
42158281	42158615	H2AZ_Rep2_peak_26337	23
42159934	42161971	H2AZ_Rep2_peak_26338	44
42179690	42182976	H2AZ_Rep2_peak_26340	31
42189409	42195638	H2AZ_Rep2_peak_26341	34
42189409	42195638	H2AZ_Rep2_peak_26341	34
42213044	42213833	H2AZ_Rep2_peak_26342	18
42220050	42222247	H2AZ_Rep2_peak_26344	42
42234405	42239486	H2AZ_Rep2_peak_26348	37
42251705	42254022	H2AZ_Rep2_peak_26349	113
42274336	42277514	H2AZ_Rep2_peak_26351	16
42310408	42311965	H2AZ_Rep2_peak_26354	19
42313430	42315416	H2AZ_Rep2_peak_26355	39
42352929	42353620	H2AZ_Rep2_peak_26358	70
42359177	42361075	H2AZ_Rep2_peak_26359	134
42363979	42364685	H2AZ_Rep2_peak_26360	34
42368088	42371247	H2AZ_Rep2_peak_26361	92
42374920	42375860	H2AZ_Rep2_peak_26362	11
42394618	42397170	H2AZ_Rep2_peak_26363	96
42586532	42591006	H2AZ_Rep2_peak_26365	130
42648822	42649411	H2AZ_Rep2_peak_26368	20
42721241	42722678	H2AZ_Rep2_peak_26370	108
42794888	42797006	H2AZ_Rep2_peak_26372	53

42997819	42998127	H2AZ_Rep2_peak_26373	37
43035953	43038131	H2AZ_Rep2_peak_26375	46
43053450	43057270	H2AZ_Rep2_peak_26376	53
43062926	43063806	H2AZ_Rep2_peak_26377	70
43122539	43124981	H2AZ_Rep2_peak_26379	51
43132133	43135295	H2AZ_Rep2_peak_26380	108
43150711	43153382	H2AZ_Rep2_peak_26383	157
43156345	43159793	H2AZ_Rep2_peak_26384	17
43202364	43202784	H2AZ_Rep2_peak_26388	80
43259030	43261864	H2AZ_Rep2_peak_26394	55
43265268	43266402	H2AZ_Rep2_peak_26395	41
43268348	43269671	H2AZ_Rep2_peak_26396	41
43277799	43279605	H2AZ_Rep2_peak_26398	39
43296177	43297374	H2AZ_Rep2_peak_26400	21
43298912	43303765	H2AZ_Rep2_peak_26401	32
43308889	43311342	H2AZ_Rep2_peak_26402	40
43312880	43315739	H2AZ_Rep2_peak_26403	46
43333085	43334117	H2AZ_Rep2_peak_26404	20
43357409	43361022	H2AZ_Rep2_peak_26407	101
43382516	43389000	H2AZ_Rep2_peak_26414	85
43395214	43397596	H2AZ_Rep2_peak_26415	124
43399058	43399358	H2AZ_Rep2_peak_26416	22
43403721	43408804	H2AZ_Rep2_peak_26418	85
43403721	43408804	H2AZ_Rep2_peak_26418	85
43410803	43413692	H2AZ_Rep2_peak_26419	17
43419705	43424454	H2AZ_Rep2_peak_26420	28
43419705	43424454	H2AZ_Rep2_peak_26420	28
43425810	43429023	H2AZ_Rep2_peak_26421	106
43445635	43449166	H2AZ_Rep2_peak_26424	110
43452388	43455385	H2AZ_Rep2_peak_26425	37
43653905	43654427	H2AZ_Rep2_peak_26427	13
43665589	43666123	H2AZ_Rep2_peak_26428	31
43822013	43824315	H2AZ_Rep2_peak_26429	168
43839319	43840253	H2AZ_Rep2_peak_26432	22
43863949	43865562	H2AZ_Rep2_peak_26433	31
43903029	43904039	H2AZ_Rep2_peak_26434	33
43934573	43935816	H2AZ_Rep2_peak_26438	39
43997902	44002099	H2AZ_Rep2_peak_26440	127
44222459	44224643	H2AZ_Rep2_peak_26442	117
44270271	44272831	H2AZ_Rep2_peak_26443	75
44313776	44315870	H2AZ_Rep2_peak_26444	67
44394323	44397063	H2AZ_Rep2_peak_26448	99
44518424	44519607	H2AZ_Rep2_peak_26449	19

44587985	44590397	H2AZ_Rep2_peak_26450	174
45165741	45166386	H2AZ_Rep2_peak_26456	37
45182344	45183720	H2AZ_Rep2_peak_26457	73
45199808	45202670	H2AZ_Rep2_peak_26458	53
45235186	45238106	H2AZ_Rep2_peak_26459	118
45395331	45397050	H2AZ_Rep2_peak_26464	69
45417346	45417919	H2AZ_Rep2_peak_26467	25
45464495	45465901	H2AZ_Rep2_peak_26468	59
45486149	45486703	H2AZ_Rep2_peak_26469	31
45510279	45511659	H2AZ_Rep2_peak_26471	29
45555479	45556693	H2AZ_Rep2_peak_26472	22
45837462	45839727	H2AZ_Rep2_peak_26474	42
45870354	45871425	H2AZ_Rep2_peak_26476	61
45876797	45879226	H2AZ_Rep2_peak_26477	88
46048960	46049641	H2AZ_Rep2_peak_26478	28
46162880	46163652	H2AZ_Rep2_peak_26479	34
46166208	46167835	H2AZ_Rep2_peak_26480	67
46189928	46191939	H2AZ_Rep2_peak_26482	23
46219126	46220923	H2AZ_Rep2_peak_26483	45
46294314	46296048	H2AZ_Rep2_peak_26484	28
46325115	46326256	H2AZ_Rep2_peak_26486	28
46391136	46391924	H2AZ_Rep2_peak_26488	33
46452948	46453273	H2AZ_Rep2_peak_26491	24
46523820	46527066	H2AZ_Rep2_peak_26494	36
46634052	46639338	H2AZ_Rep2_peak_26496	83
46686091	46689318	H2AZ_Rep2_peak_26500	34
46708453	46709173	H2AZ_Rep2_peak_26502	10
46719523	46720981	H2AZ_Rep2_peak_26505	27
46726562	46727804	H2AZ_Rep2_peak_26506	77
46768124	46769714	H2AZ_Rep2_peak_26509	95
46843155	46844925	H2AZ_Rep2_peak_26510	141
46884047	46885814	H2AZ_Rep2_peak_26511	17
46924583	46927172	H2AZ_Rep2_peak_26513	74
47006517	47007428	H2AZ_Rep2_peak_26514	76
47058264	47058600	H2AZ_Rep2_peak_26516	20
47073780	47078539	H2AZ_Rep2_peak_26517	36
47073780	47078539	H2AZ_Rep2_peak_26517	36
47081659	47083602	H2AZ_Rep2_peak_26519	22
47100200	47101336	H2AZ_Rep2_peak_26522	61
47104107	47106397	H2AZ_Rep2_peak_26523	58
47142078	47143843	H2AZ_Rep2_peak_26525	129
47166622	47170037	H2AZ_Rep2_peak_26526	110
47182038	47182455	H2AZ_Rep2_peak_26527	49

47197623	47198204	H2AZ_Rep2_peak_26529	39
47212173	47214216	H2AZ_Rep2_peak_26530	31
47259640	47262637	H2AZ_Rep2_peak_26531	34
47270271	47271011	H2AZ_Rep2_peak_26532	52
47303764	47305127	H2AZ_Rep2_peak_26533	39
47315724	47316607	H2AZ_Rep2_peak_26534	29
47403262	47404910	H2AZ_Rep2_peak_26536	88
47417516	47420173	H2AZ_Rep2_peak_26537	75
47421916	47422267	H2AZ_Rep2_peak_26538	19
47426063	47426582	H2AZ_Rep2_peak_26539	32
47433658	47436498	H2AZ_Rep2_peak_26540	38
47496345	47497227	H2AZ_Rep2_peak_26543	76
47498688	47500317	H2AZ_Rep2_peak_26544	139
47537309	47538095	H2AZ_Rep2_peak_26545	34
47550049	47550864	H2AZ_Rep2_peak_26546	69
47571976	47572867	H2AZ_Rep2_peak_26548	21
47596249	47597302	H2AZ_Rep2_peak_26549	115
47629062	47631375	H2AZ_Rep2_peak_26550	144
47739146	47740311	H2AZ_Rep2_peak_26551	46
47857754	47860186	H2AZ_Rep2_peak_26552	45
47994724	47995744	H2AZ_Rep2_peak_26557	44
47998508	47999084	H2AZ_Rep2_peak_26558	29
48009195	48010805	H2AZ_Rep2_peak_26559	100
48133533	48136261	H2AZ_Rep2_peak_26560	67
48333001	48335176	H2AZ_Rep2_peak_26565	124
48337993	48340572	H2AZ_Rep2_peak_26566	76
48341803	48342366	H2AZ_Rep2_peak_26567	56
48347799	48348417	H2AZ_Rep2_peak_26568	36
48372719	48373493	H2AZ_Rep2_peak_26569	43
48533980	48534545	H2AZ_Rep2_peak_26572	17
48541030	48543524	H2AZ_Rep2_peak_26573	90
48636082	48638447	H2AZ_Rep2_peak_26574	35
48646652	48647996	H2AZ_Rep2_peak_26575	60
48667180	48668848	H2AZ_Rep2_peak_26577	114
48735467	48736090	H2AZ_Rep2_peak_26578	123
50167725	50169564	H2AZ_Rep2_peak_26580	22
50370458	50371562	H2AZ_Rep2_peak_26583	22
50838612	50839326	H2AZ_Rep2_peak_26590	17
51179765	51180322	H2AZ_Rep2_peak_26592	33
51356766	51358229	H2AZ_Rep2_peak_26594	24
52039398	52041497	H2AZ_Rep2_peak_26597	39
52692133	52692998	H2AZ_Rep2_peak_26601	20
53160510	53161756	H2AZ_Rep2_peak_26605	36

53357753	53359230	H2AZ_Rep2_peak_26607	33
53538593	53539038	H2AZ_Rep2_peak_26610	36
53540849	53542717	H2AZ_Rep2_peak_26611	25
53579951	53581052	H2AZ_Rep2_peak_26613	249
53628212	53631222	H2AZ_Rep2_peak_26614	30
53672718	53673197	H2AZ_Rep2_peak_26616	67
53700188	53700745	H2AZ_Rep2_peak_26618	17
53717574	53718140	H2AZ_Rep2_peak_26621	36
53732831	53734016	H2AZ_Rep2_peak_26623	16
53739003	53740024	H2AZ_Rep2_peak_26624	18
53742275	53744346	H2AZ_Rep2_peak_26625	50
53794196	53796137	H2AZ_Rep2_peak_26626	37
53821146	53821988	H2AZ_Rep2_peak_26627	83
53993214	53995846	H2AZ_Rep2_peak_26629	73
54013382	54015219	H2AZ_Rep2_peak_26630	158
54197363	54198977	H2AZ_Rep2_peak_26631	59
54333670	54335360	H2AZ_Rep2_peak_26635	22
54342079	54343452	H2AZ_Rep2_peak_26636	92
54556553	54558854	H2AZ_Rep2_peak_26637	85
54683809	54685122	H2AZ_Rep2_peak_26644	52
54709688	54710659	H2AZ_Rep2_peak_26645	43
54758330	54761988	H2AZ_Rep2_peak_26647	44
54758330	54761988	H2AZ_Rep2_peak_26647	44
54784271	54787606	H2AZ_Rep2_peak_26648	78
54949861	54951782	H2AZ_Rep2_peak_26650	103
54999239	55000478	H2AZ_Rep2_peak_26651	48
55130731	55132313	H2AZ_Rep2_peak_26654	62
55275836	55276816	H2AZ_Rep2_peak_26656	21
55323887	55324840	H2AZ_Rep2_peak_26659	22
55326481	55327925	H2AZ_Rep2_peak_26660	61
55329209	55329987	H2AZ_Rep2_peak_26661	66
55338577	55340745	H2AZ_Rep2_peak_26663	24
55360671	55361909	H2AZ_Rep2_peak_26664	42
55375028	55377375	H2AZ_Rep2_peak_26666	17
55390694	55392926	H2AZ_Rep2_peak_26669	18
55458846	55460000	H2AZ_Rep2_peak_26670	185
55495534	55497321	H2AZ_Rep2_peak_26671	147
55646228	55648051	H2AZ_Rep2_peak_26672	64
55651002	55653264	H2AZ_Rep2_peak_26673	42
55727430	55728138	H2AZ_Rep2_peak_26677	16
55745872	55747743	H2AZ_Rep2_peak_26679	173
55843957	55846108	H2AZ_Rep2_peak_26680	83
55920334	55921625	H2AZ_Rep2_peak_26681	103

56006499	56008198	H2AZ_Rep2_peak_26683	56
56066233	56066913	H2AZ_Rep2_peak_26684	13
56068935	56071968	H2AZ_Rep2_peak_26685	23
56082633	56085184	H2AZ_Rep2_peak_26686	64
56112291	56112976	H2AZ_Rep2_peak_26688	56
56149722	56151361	H2AZ_Rep2_peak_26690	42
56174906	56175268	H2AZ_Rep2_peak_26691	20
56181814	56182177	H2AZ_Rep2_peak_26692	13
56185251	56186357	H2AZ_Rep2_peak_26693	34
56242828	56243613	H2AZ_Rep2_peak_26694	28
56247054	56249331	H2AZ_Rep2_peak_26695	67
56410707	56411356	H2AZ_Rep2_peak_26699	27
56968463	56969147	H2AZ_Rep2_peak_26703	42
57513409	57513944	H2AZ_Rep2_peak_26705	16
57947511	57948550	H2AZ_Rep2_peak_26708	38
57986750	57989281	H2AZ_Rep2_peak_26709	54
58108353	58110561	H2AZ_Rep2_peak_26711	102
58170696	58171176	H2AZ_Rep2_peak_26712	23
58273226	58275544	H2AZ_Rep2_peak_26713	81
58467830	58469121	H2AZ_Rep2_peak_26715	133
58654638	58656464	H2AZ_Rep2_peak_26720	31
58743013	58743688	H2AZ_Rep2_peak_26721	22
58797009	58798683	H2AZ_Rep2_peak_26723	22
60415504	60416455	H2AZ_Rep2_peak_26730	60
60441169	60441652	H2AZ_Rep2_peak_26731	99
60487742	60488417	H2AZ_Rep2_peak_26732	68
60781391	60782574	H2AZ_Rep2_peak_26737	94
60982707	60984339	H2AZ_Rep2_peak_26744	125
61083334	61083926	H2AZ_Rep2_peak_26748	19
61107368	61110404	H2AZ_Rep2_peak_26750	56
61184778	61186347	H2AZ_Rep2_peak_26751	24
61243584	61245879	H2AZ_Rep2_peak_26752	193
61292049	61293905	H2AZ_Rep2_peak_26753	63
61371679	61372879	H2AZ_Rep2_peak_26754	54
61402720	61406557	H2AZ_Rep2_peak_26755	148
61697217	61699641	H2AZ_Rep2_peak_26756	81
61765193	61767667	H2AZ_Rep2_peak_26757	70
61847383	61848545	H2AZ_Rep2_peak_26759	58
61885962	61888677	H2AZ_Rep2_peak_26761	27
61897822	61899679	H2AZ_Rep2_peak_26762	36
61921170	61922622	H2AZ_Rep2_peak_26764	109
61935230	61935538	H2AZ_Rep2_peak_26765	27
61991065	61992080	H2AZ_Rep2_peak_26767	49



61997541	62000573	H2AZ_Rep2_peak_26768	33
62019302	62019854	H2AZ_Rep2_peak_26769	28
62080227	62082895	H2AZ_Rep2_peak_26771	191
62115376	62116817	H2AZ_Rep2_peak_26772	112
62132367	62133406	H2AZ_Rep2_peak_26773	181
62422476	62423983	H2AZ_Rep2_peak_26775	119
62519162	62521516	H2AZ_Rep2_peak_26776	93
62638403	62639426	H2AZ_Rep2_peak_26781	56
62683635	62686382	H2AZ_Rep2_peak_26786	152
62732428	62733915	H2AZ_Rep2_peak_26788	94
62804997	62807802	H2AZ_Rep2_peak_26791	15
62881177	62881694	H2AZ_Rep2_peak_26792	29
62931601	62934129	H2AZ_Rep2_peak_26793	92
63276902	63278821	H2AZ_Rep2_peak_26794	109
63757846	63758591	H2AZ_Rep2_peak_26796	72
63814780	63817125	H2AZ_Rep2_peak_26797	131
63925451	63927155	H2AZ_Rep2_peak_26798	45
64017464	64018688	H2AZ_Rep2_peak_26800	37
64067309	64070111	H2AZ_Rep2_peak_26801	91
64245110	64248003	H2AZ_Rep2_peak_26803	97
64276626	64277430	H2AZ_Rep2_peak_26805	36
64370281	64372942	H2AZ_Rep2_peak_26806	82
64499536	64501428	H2AZ_Rep2_peak_26811	79
64556069	64559044	H2AZ_Rep2_peak_26812	27
64586887	64587748	H2AZ_Rep2_peak_26813	63
64625466	64629038	H2AZ_Rep2_peak_26816	47
64679928	64682797	H2AZ_Rep2_peak_26819	47
64715303	64715923	H2AZ_Rep2_peak_26821	38
64749745	64752688	H2AZ_Rep2_peak_26825	69
64879629	64882093	H2AZ_Rep2_peak_26830	78
64976958	64979867	H2AZ_Rep2_peak_26832	140
64994554	64995819	H2AZ_Rep2_peak_26833	55
65057610	65059407	H2AZ_Rep2_peak_26838	103
65064023	65067277	H2AZ_Rep2_peak_26839	52
65071360	65073327	H2AZ_Rep2_peak_26840	15
65077943	65080421	H2AZ_Rep2_peak_26841	18
65081740	65082336	H2AZ_Rep2_peak_26842	76
65084847	65087807	H2AZ_Rep2_peak_26843	74
65090557	65094507	H2AZ_Rep2_peak_26844	68
65100322	65101105	H2AZ_Rep2_peak_26846	56
65144939	65145509	H2AZ_Rep2_peak_26851	104
65215507	65217156	H2AZ_Rep2_peak_26856	65
65258115	65259866	H2AZ_Rep2_peak_26857	17

65282552	65284423 H2AZ_Rep2_peak_26859	124
65356896	65358336 H2AZ_Rep2_peak_26860	78
65388385	65389100 H2AZ_Rep2_peak_26861	19
65414164	65414737 H2AZ_Rep2_peak_26862	60
65454091	65455746 H2AZ_Rep2_peak_26863	103
65657958	65660963 H2AZ_Rep2_peak_26866	30
65662580	65664410 H2AZ_Rep2_peak_26867	62
65772598	65774853 H2AZ_Rep2_peak_26872	50
65803802	65804686 H2AZ_Rep2_peak_26874	54
65867335	65867840 H2AZ_Rep2_peak_26877	40
65889313	65891539 H2AZ_Rep2_peak_26878	58
65905809	65906293 H2AZ_Rep2_peak_26880	24
66617923	66618415 H2AZ_Rep2_peak_26885	30
66659758	66665646 H2AZ_Rep2_peak_26886	94
66659758	66665646 H2AZ_Rep2_peak_26886	94
66802191	66804719 H2AZ_Rep2_peak_26887	91
67486972	67488562 H2AZ_Rep2_peak_26896	36
67514542	67518143 H2AZ_Rep2_peak_26897	15
67549602	67550085 H2AZ_Rep2_peak_26898	57
67624156	67625301 H2AZ_Rep2_peak_26900	70
67775598	67776421 H2AZ_Rep2_peak_26907	18
67839822	67840273 H2AZ_Rep2_peak_26910	21
67893364	67893990 H2AZ_Rep2_peak_26914	37
68072865	68073927 H2AZ_Rep2_peak_26920	36
68143462	68145211 H2AZ_Rep2_peak_26924	48
68201922	68202533 H2AZ_Rep2_peak_26925	27
68289556	68291456 H2AZ_Rep2_peak_26928	78
68349771	68350105 H2AZ_Rep2_peak_26931	30
68383740	68385653 H2AZ_Rep2_peak_26932	227
68478478	68481172 H2AZ_Rep2_peak_26933	71
68693483	68695400 H2AZ_Rep2_peak_26935	180
68948667	68949246 H2AZ_Rep2_peak_26939	41
68978311	68979278 H2AZ_Rep2_peak_26940	16
69024015	69025126 H2AZ_Rep2_peak_26942	25
69031891	69036707 H2AZ_Rep2_peak_26943	50
69056063	69056873 H2AZ_Rep2_peak_26944	75
69134794	69136312 H2AZ_Rep2_peak_26947	54
69170678	69171523 H2AZ_Rep2_peak_26948	177
69198216	69200060 H2AZ_Rep2_peak_26949	53
69222126	69222783 H2AZ_Rep2_peak_26950	14
69239709	69241514 H2AZ_Rep2_peak_26951	153
69404511	69405517 H2AZ_Rep2_peak_26952	25
69523855	69527751 H2AZ_Rep2_peak_26953	62

69533062	69536420	H2AZ_Rep2_peak_26954	135
69613603	69615445	H2AZ_Rep2_peak_26955	74
69663576	69665483	H2AZ_Rep2_peak_26956	184
69762830	69763418	H2AZ_Rep2_peak_26957	18
69766041	69767014	H2AZ_Rep2_peak_26958	88
69869525	69872416	H2AZ_Rep2_peak_26959	157
69894868	69895347	H2AZ_Rep2_peak_26960	24
69910439	69910881	H2AZ_Rep2_peak_26961	47
69941630	69941945	H2AZ_Rep2_peak_26962	42
69951531	69952364	H2AZ_Rep2_peak_26963	56
69960650	69963086	H2AZ_Rep2_peak_26964	52
69967475	69970077	H2AZ_Rep2_peak_26965	81
70007025	70009290	H2AZ_Rep2_peak_26968	18
70055922	70057897	H2AZ_Rep2_peak_26969	185
70119925	70121619	H2AZ_Rep2_peak_26971	173
70141287	70143108	H2AZ_Rep2_peak_26972	17
70173137	70175804	H2AZ_Rep2_peak_26973	40
70205251	70206349	H2AZ_Rep2_peak_26976	108
70215902	70217156	H2AZ_Rep2_peak_26977	58
70224336	70225112	H2AZ_Rep2_peak_26979	42
70237104	70238193	H2AZ_Rep2_peak_26980	78
70298183	70298625	H2AZ_Rep2_peak_26981	66
70313291	70315101	H2AZ_Rep2_peak_26982	58
70335146	70336268	H2AZ_Rep2_peak_26983	112
70350141	70353674	H2AZ_Rep2_peak_26986	85
70355167	70355507	H2AZ_Rep2_peak_26987	35
70359008	70361476	H2AZ_Rep2_peak_26988	70
70368401	70370854	H2AZ_Rep2_peak_26990	21
70417048	70420015	H2AZ_Rep2_peak_26991	88
70475096	70477162	H2AZ_Rep2_peak_26993	143
70484294	70486071	H2AZ_Rep2_peak_26994	120
70520361	70521302	H2AZ_Rep2_peak_26995	76
70528040	70529267	H2AZ_Rep2_peak_26996	135
70556017	70556730	H2AZ_Rep2_peak_26999	49
70581098	70582522	H2AZ_Rep2_peak_27002	32
70583999	70585438	H2AZ_Rep2_peak_27003	46
70587394	70588139	H2AZ_Rep2_peak_27004	46
70592552	70595353	H2AZ_Rep2_peak_27006	37
70598342	70599621	H2AZ_Rep2_peak_27007	62
70608303	70609726	H2AZ_Rep2_peak_27008	112
70630060	70631393	H2AZ_Rep2_peak_27009	70
70652819	70653578	H2AZ_Rep2_peak_27010	41
70750914	70752777	H2AZ_Rep2_peak_27011	45

70778311	70782588	H2AZ_Rep2_peak_27012	61
70974495	70974795	H2AZ_Rep2_peak_27019	25
71098271	71099270	H2AZ_Rep2_peak_27020	34
71127412	71128158	H2AZ_Rep2_peak_27021	32
71164037	71165749	H2AZ_Rep2_peak_27023	34
71174175	71176272	H2AZ_Rep2_peak_27024	112
71203792	71205647	H2AZ_Rep2_peak_27025	53
71221021	71223177	H2AZ_Rep2_peak_27026	136
71226962	71229767	H2AZ_Rep2_peak_27027	252
71294773	71296576	H2AZ_Rep2_peak_27028	203
71327962	71328407	H2AZ_Rep2_peak_27029	52
71356639	71358247	H2AZ_Rep2_peak_27030	144
71502972	71505322	H2AZ_Rep2_peak_27032	110
71558378	71559789	H2AZ_Rep2_peak_27033	85
71678714	71681037	H2AZ_Rep2_peak_27035	28
71758474	71759055	H2AZ_Rep2_peak_27040	79
72110343	72111411	H2AZ_Rep2_peak_27048	36
72161122	72163071	H2AZ_Rep2_peak_27050	73
72167263	72167842	H2AZ_Rep2_peak_27051	16
72177698	72180721	H2AZ_Rep2_peak_27052	85
72235402	72236256	H2AZ_Rep2_peak_27054	27
72262306	72264775	H2AZ_Rep2_peak_27057	98
72342150	72343808	H2AZ_Rep2_peak_27060	77
72371266	72373413	H2AZ_Rep2_peak_27062	50
72375104	72378413	H2AZ_Rep2_peak_27063	36
73051764	73053599	H2AZ_Rep2_peak_27064	78
73089229	73090530	H2AZ_Rep2_peak_27067	62
73113810	73115536	H2AZ_Rep2_peak_27068	114
73290882	73291580	H2AZ_Rep2_peak_27069	22
73296495	73299420	H2AZ_Rep2_peak_27070	71
73338603	73340987	H2AZ_Rep2_peak_27072	81
73370166	73371394	H2AZ_Rep2_peak_27073	25
73383649	73384101	H2AZ_Rep2_peak_27074	18
73403867	73405293	H2AZ_Rep2_peak_27076	153
73439608	73442115	H2AZ_Rep2_peak_27079	101
73459585	73462271	H2AZ_Rep2_peak_27080	222
73495460	73498332	H2AZ_Rep2_peak_27081	99
73510576	73513327	H2AZ_Rep2_peak_27082	56
73611105	73613991	H2AZ_Rep2_peak_27084	152
73963659	73966791	H2AZ_Rep2_peak_27088	111
74006340	74007828	H2AZ_Rep2_peak_27089	125
74010123	74010583	H2AZ_Rep2_peak_27090	14
74048183	74048771	H2AZ_Rep2_peak_27092	16

74054692	74056805 H2AZ_Rep2_peak_27093	117
74114741	74116168 H2AZ_Rep2_peak_27095	55
74134350	74135486 H2AZ_Rep2_peak_27098	37
74152364	74154555 H2AZ_Rep2_peak_27100	23
74211316	74213352 H2AZ_Rep2_peak_27103	64
74346934	74348324 H2AZ_Rep2_peak_27104	102
74373928	74375812 H2AZ_Rep2_peak_27105	147
74405267	74406787 H2AZ_Rep2_peak_27106	45
74416731	74417486 H2AZ_Rep2_peak_27107	32
74424422	74427175 H2AZ_Rep2_peak_27108	47
74487931	74489300 H2AZ_Rep2_peak_27112	41
74494434	74494952 H2AZ_Rep2_peak_27113	17
74618298	74621073 H2AZ_Rep2_peak_27115	157
74626951	74627851 H2AZ_Rep2_peak_27116	18
74647608	74649650 H2AZ_Rep2_peak_27117	138
74666831	74668382 H2AZ_Rep2_peak_27118	144
74679749	74680276 H2AZ_Rep2_peak_27119	27
74681505	74683143 H2AZ_Rep2_peak_27120	153
74690452	74693173 H2AZ_Rep2_peak_27122	83
74699005	74700439 H2AZ_Rep2_peak_27123	147
74709203	74710949 H2AZ_Rep2_peak_27124	188
74729838	74730915 H2AZ_Rep2_peak_27125	95
74733785	74736596 H2AZ_Rep2_peak_27126	151
74756267	74758311 H2AZ_Rep2_peak_27127	103
74775469	74777248 H2AZ_Rep2_peak_27128	127
74793974	74795715 H2AZ_Rep2_peak_27129	22
74799241	74805815 H2AZ_Rep2_peak_27130	40
74810818	74812595 H2AZ_Rep2_peak_27131	22
74814609	74814993 H2AZ_Rep2_peak_27132	45
74859179	74860354 H2AZ_Rep2_peak_27135	121
74880659	74882003 H2AZ_Rep2_peak_27136	73
74918893	74921037 H2AZ_Rep2_peak_27138	21
74930565	74932057 H2AZ_Rep2_peak_27139	19
74942189	74943222 H2AZ_Rep2_peak_27142	112
74966404	74969334 H2AZ_Rep2_peak_27145	67
74991213	74991748 H2AZ_Rep2_peak_27147	14
75059101	75062985 H2AZ_Rep2_peak_27148	32
75185277	75186660 H2AZ_Rep2_peak_27149	76
75829662	75830011 H2AZ_Rep2_peak_27154	50
75832970	75837126 H2AZ_Rep2_peak_27155	26
75839987	75842524 H2AZ_Rep2_peak_27156	30
75872191	75874669 H2AZ_Rep2_peak_27157	223
75936569	75938869 H2AZ_Rep2_peak_27158	99

76495566	76497930	H2AZ_Rep2_peak_27163	35
76539568	76541998	H2AZ_Rep2_peak_27166	18
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76733729	76734224	H2AZ_Rep2_peak_27168	21
78768421	78769030	H2AZ_Rep2_peak_27175	39
78773649	78774295	H2AZ_Rep2_peak_27176	14
78904258	78905245	H2AZ_Rep2_peak_27177	33
80718216	80718541	H2AZ_Rep2_peak_27186	20
81708360	81709206	H2AZ_Rep2_peak_27193	22
82288702	82289267	H2AZ_Rep2_peak_27196	19
82441836	82442763	H2AZ_Rep2_peak_27197	19
83017456	83018203	H2AZ_Rep2_peak_27203	30
83804517	83805785	H2AZ_Rep2_peak_27209	11
83811929	83813038	H2AZ_Rep2_peak_27210	29
84331411	84331961	H2AZ_Rep2_peak_27212	41
84444539	84445848	H2AZ_Rep2_peak_27215	16
84685576	84687284	H2AZ_Rep2_peak_27218	171
84967606	84969247	H2AZ_Rep2_peak_27225	117
85008959	85009892	H2AZ_Rep2_peak_27226	72
85034484	85035607	H2AZ_Rep2_peak_27229	80
85107319	85109974	H2AZ_Rep2_peak_27230	91
85115641	85117500	H2AZ_Rep2_peak_27231	81
85131824	85132585	H2AZ_Rep2_peak_27234	60
85151295	85154871	H2AZ_Rep2_peak_27237	98
85166414	85167127	H2AZ_Rep2_peak_27238	21
85173287	85174202	H2AZ_Rep2_peak_27239	52
85197145	85197680	H2AZ_Rep2_peak_27240	34
85512552	85513169	H2AZ_Rep2_peak_27248	79
85514413	85516160	H2AZ_Rep2_peak_27249	55
85525701	85526081	H2AZ_Rep2_peak_27251	27
85534131	85535153	H2AZ_Rep2_peak_27252	106
85554395	85555783	H2AZ_Rep2_peak_27253	107
85580774	85582579	H2AZ_Rep2_peak_27254	154
85637130	85637947	H2AZ_Rep2_peak_27255	74
85640619	85641953	H2AZ_Rep2_peak_27256	67
85645157	85651426	H2AZ_Rep2_peak_27257	92
85645157	85651426	H2AZ_Rep2_peak_27257	92
85660310	85662028	H2AZ_Rep2_peak_27259	90
85663497	85665878	H2AZ_Rep2_peak_27260	33
85671713	85674785	H2AZ_Rep2_peak_27261	34
85695823	85696435	H2AZ_Rep2_peak_27265	63
85725940	85727400	H2AZ_Rep2_peak_27266	28
85743514	85745811	H2AZ_Rep2_peak_27269	32

85751563	85752805	H2AZ_Rep2_peak_27270	30
85764665	85766105	H2AZ_Rep2_peak_27271	25
85788001	85789295	H2AZ_Rep2_peak_27272	107
85802982	85805782	H2AZ_Rep2_peak_27273	81
85821775	85823228	H2AZ_Rep2_peak_27275	95
85829089	85830653	H2AZ_Rep2_peak_27276	102
85838519	85839780	H2AZ_Rep2_peak_27277	103
85842813	85843663	H2AZ_Rep2_peak_27278	46
85906168	85908852	H2AZ_Rep2_peak_27280	30
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85932311	85934862	H2AZ_Rep2_peak_27284	66
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85955972	85960574	H2AZ_Rep2_peak_27285	30
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85968358	85970519	H2AZ_Rep2_peak_27287	61
85972044	85978845	H2AZ_Rep2_peak_27288	38
85972044	85978845	H2AZ_Rep2_peak_27288	38
85998254	86000215	H2AZ_Rep2_peak_27290	55
86029720	86032056	H2AZ_Rep2_peak_27292	43
86054107	86055502	H2AZ_Rep2_peak_27297	134
86113833	86117982	H2AZ_Rep2_peak_27299	142
86148359	86149582	H2AZ_Rep2_peak_27302	38
86151578	86152497	H2AZ_Rep2_peak_27303	80
86154232	86155097	H2AZ_Rep2_peak_27304	44
86157579	86158865	H2AZ_Rep2_peak_27305	39
86161087	86161662	H2AZ_Rep2_peak_27306	31
86163064	86164772	H2AZ_Rep2_peak_27307	79
86190882	86191805	H2AZ_Rep2_peak_27310	53
86224220	86229705	H2AZ_Rep2_peak_27313	49
86332255	86333898	H2AZ_Rep2_peak_27315	167
86422222	86423483	H2AZ_Rep2_peak_27316	105
86425795	86427318	H2AZ_Rep2_peak_27317	136
86563025	86565438	H2AZ_Rep2_peak_27318	84
86594837	86595995	H2AZ_Rep2_peak_27319	85
86619997	86621000	H2AZ_Rep2_peak_27321	20
86667330	86669639	H2AZ_Rep2_peak_27323	76
86789471	86791476	H2AZ_Rep2_peak_27324	161
86849455	86851623	H2AZ_Rep2_peak_27325	76
86930729	86932166	H2AZ_Rep2_peak_27327	55
87035605	87036197	H2AZ_Rep2_peak_27329	54
87303092	87304194	H2AZ_Rep2_peak_27331	28
88315861	88317240	H2AZ_Rep2_peak_27332	225
88354254	88356185	H2AZ_Rep2_peak_27333	99

88844393	88844879	H2AZ_Rep2_peak_27339	29
88925978	88928007	H2AZ_Rep2_peak_27340	82
88956056	88960818	H2AZ_Rep2_peak_27342	33
88990155	88992069	H2AZ_Rep2_peak_27344	152
91741602	91743006	H2AZ_Rep2_peak_27348	21
91745304	91745808	H2AZ_Rep2_peak_27349	27
91759525	91764292	H2AZ_Rep2_peak_27350	66
91759525	91764292	H2AZ_Rep2_peak_27350	66
91778182	91779795	H2AZ_Rep2_peak_27352	22
91785140	91789158	H2AZ_Rep2_peak_27354	161
91808280	91809526	H2AZ_Rep2_peak_27359	28
91814114	91821693	H2AZ_Rep2_peak_27360	112
95786897	95789908	H2AZ_Rep2_peak_27370	181
95824877	95826060	H2AZ_Rep2_peak_27371	73
95830741	95832448	H2AZ_Rep2_peak_27372	311
95872681	95873499	H2AZ_Rep2_peak_27373	27
95943744	95944202	H2AZ_Rep2_peak_27375	22
95988985	95989662	H2AZ_Rep2_peak_27376	19
95996122	95996714	H2AZ_Rep2_peak_27377	47
95999226	96000756	H2AZ_Rep2_peak_27378	56
96010980	96012133	H2AZ_Rep2_peak_27379	113
96054717	96055315	H2AZ_Rep2_peak_27380	33
96067323	96069152	H2AZ_Rep2_peak_27381	125
96657145	96658672	H2AZ_Rep2_peak_27382	78
96675526	96676192	H2AZ_Rep2_peak_27383	45
96810192	96815984	H2AZ_Rep2_peak_27386	49
96817232	96820224	H2AZ_Rep2_peak_27387	31
96839727	96840768	H2AZ_Rep2_peak_27390	44
96873655	96875445	H2AZ_Rep2_peak_27391	30
96931264	96933259	H2AZ_Rep2_peak_27393	101
96970832	96972520	H2AZ_Rep2_peak_27394	141
96986678	96988100	H2AZ_Rep2_peak_27395	98
97000590	97002805	H2AZ_Rep2_peak_27396	84
97073255	97073601	H2AZ_Rep2_peak_27397	68
97078294	97079521	H2AZ_Rep2_peak_27398	46
97093067	97093920	H2AZ_Rep2_peak_27399	23
97197449	97202658	H2AZ_Rep2_peak_27402	52
97197449	97202658	H2AZ_Rep2_peak_27402	52
97220062	97220909	H2AZ_Rep2_peak_27403	65
97222266	97223150	H2AZ_Rep2_peak_27404	47
97303008	97304791	H2AZ_Rep2_peak_27406	112
97330612	97332365	H2AZ_Rep2_peak_27407	44
97405007	97406991	H2AZ_Rep2_peak_27410	100



97424864	97430194	H2AZ_Rep2_peak_27412	101
97424864	97430194	H2AZ_Rep2_peak_27412	101
97452202	97455422	H2AZ_Rep2_peak_27413	145
97466591	97467401	H2AZ_Rep2_peak_27414	51
97480924	97483211	H2AZ_Rep2_peak_27415	79
97498324	97499170	H2AZ_Rep2_peak_27416	125
97522798	97524538	H2AZ_Rep2_peak_27417	109
97534516	97536947	H2AZ_Rep2_peak_27418	28
97582214	97583481	H2AZ_Rep2_peak_27420	39
97625459	97626506	H2AZ_Rep2_peak_27423	25
97778233	97779687	H2AZ_Rep2_peak_27425	48
98207007	98207424	H2AZ_Rep2_peak_27426	116
98261657	98263037	H2AZ_Rep2_peak_27427	175
98279082	98281725	H2AZ_Rep2_peak_27428	54
98312353	98313854	H2AZ_Rep2_peak_27429	29
98316489	98316964	H2AZ_Rep2_peak_27430	32
98326430	98327569	H2AZ_Rep2_peak_27431	34
98358255	98358954	H2AZ_Rep2_peak_27435	16
98611384	98613530	H2AZ_Rep2_peak_27437	155
99060738	99062520	H2AZ_Rep2_peak_27442	119
99224236	99225804	H2AZ_Rep2_peak_27443	128
99485040	99486689	H2AZ_Rep2_peak_27447	216
99756950	99758745	H2AZ_Rep2_peak_27450	171
99770518	99772402	H2AZ_Rep2_peak_27451	175
99797080	99798704	H2AZ_Rep2_peak_27452	103
99895269	99895680	H2AZ_Rep2_peak_27453	59
99951916	99954719	H2AZ_Rep2_peak_27454	117
100105132	100107662	H2AZ_Rep2_peak_27455	111
100902070	100903547	H2AZ_Rep2_peak_27461	29
100906991	100908599	H2AZ_Rep2_peak_27462	68
101033121	101034601	H2AZ_Rep2_peak_27467	89
101178398	101180602	H2AZ_Rep2_peak_27469	95
101223071	101223803	H2AZ_Rep2_peak_27471	42
101349791	101350671	H2AZ_Rep2_peak_27475	42
101360713	101361691	H2AZ_Rep2_peak_27476	26
101402199	101403146	H2AZ_Rep2_peak_27481	20
101433932	101437762	H2AZ_Rep2_peak_27483	76
101507962	101508754	H2AZ_Rep2_peak_27485	46
101618009	101619350	H2AZ_Rep2_peak_27488	141
101729985	101730404	H2AZ_Rep2_peak_27489	24
101766722	101770581	H2AZ_Rep2_peak_27491	38
101791710	101792010	H2AZ_Rep2_peak_27492	29
101821479	101822524	H2AZ_Rep2_peak_27493	39

101823823	101824321	H2AZ_Rep2_peak_27494	47
101868442	101870174	H2AZ_Rep2_peak_27495	75
101923773	101926241	H2AZ_Rep2_peak_27496	119
101958223	101959726	H2AZ_Rep2_peak_27497	24
102002650	102005258	H2AZ_Rep2_peak_27501	167
102012311	102012926	H2AZ_Rep2_peak_27502	74
102117506	102118773	H2AZ_Rep2_peak_27509	34
102133510	102135755	H2AZ_Rep2_peak_27511	42
102176078	102176579	H2AZ_Rep2_peak_27514	20
102241671	102242470	H2AZ_Rep2_peak_27516	38
102312846	102315475	H2AZ_Rep2_peak_27517	67
102637277	102637665	H2AZ_Rep2_peak_27522	23
102649518	102650750	H2AZ_Rep2_peak_27524	32
102679939	102682857	H2AZ_Rep2_peak_27527	43
102685613	102688237	H2AZ_Rep2_peak_27528	51
102798356	102798713	H2AZ_Rep2_peak_27532	12
102841518	102848291	H2AZ_Rep2_peak_27535	57
102851641	102857875	H2AZ_Rep2_peak_27536	43
102851641	102857875	H2AZ_Rep2_peak_27536	43
102851641	102857875	H2AZ_Rep2_peak_27536	43
102873462	102875180	H2AZ_Rep2_peak_27537	33
102972032	102972792	H2AZ_Rep2_peak_27543	47
103235309	103236332	H2AZ_Rep2_peak_27545	34
103352539	103354035	H2AZ_Rep2_peak_27548	270
105653653	105655510	H2AZ_Rep2_peak_27561	131
105851685	105855461	H2AZ_Rep2_peak_27567	36
105851685	105855461	H2AZ_Rep2_peak_27567	36
105945021	105947619	H2AZ_Rep2_peak_27568	100
105953083	105954645	H2AZ_Rep2_peak_27569	152
106014699	106015885	H2AZ_Rep2_peak_27570	32
106019792	106021592	H2AZ_Rep2_peak_27571	63
106064415	106066284	H2AZ_Rep2_peak_27573	53
106070555	106072283	H2AZ_Rep2_peak_27574	35
106125984	106128131	H2AZ_Rep2_peak_27577	20
106189633	106190330	H2AZ_Rep2_peak_27580	18
106192443	106193475	H2AZ_Rep2_peak_27581	25
106809547	106811511	H2AZ_Rep2_peak_27585	44
109064384	109066515	H2AZ_Rep2_peak_27586	95
109149994	109151663	H2AZ_Rep2_peak_27587	36
109187066	109187428	H2AZ_Rep2_peak_27588	26
109335435	109336345	H2AZ_Rep2_peak_27589	76
109402841	109403882	H2AZ_Rep2_peak_27590	38
109573439	109573842	H2AZ_Rep2_peak_27591	50

109584883	109585650	H2AZ_Rep2_peak_27592	60
109588093	109589352	H2AZ_Rep2_peak_27593	108
109605571	109606222	H2AZ_Rep2_peak_27594	19
109744560	109745772	H2AZ_Rep2_peak_27598	100
109825801	109826121	H2AZ_Rep2_peak_27599	39
109829728	109830610	H2AZ_Rep2_peak_27600	120
109858724	109859930	H2AZ_Rep2_peak_27601	40
110273813	110274763	H2AZ_Rep2_peak_27603	36
110389614	110389951	H2AZ_Rep2_peak_27604	25
110456712	110461813	H2AZ_Rep2_peak_27606	52
110472943	110473337	H2AZ_Rep2_peak_27607	36
110858676	110860204	H2AZ_Rep2_peak_27608	19
110864865	110865599	H2AZ_Rep2_peak_27609	20
110961678	110963817	H2AZ_Rep2_peak_27610	95
110969398	110971865	H2AZ_Rep2_peak_27611	94
111434698	111436688	H2AZ_Rep2_peak_27612	71
111874789	111876047	H2AZ_Rep2_peak_27613	78
111877909	111879913	H2AZ_Rep2_peak_27614	22
112375180	112375734	H2AZ_Rep2_peak_27616	51
112416665	112421202	H2AZ_Rep2_peak_27618	70
112461736	112463275	H2AZ_Rep2_peak_27620	37
112641343	112642387	H2AZ_Rep2_peak_27621	144
112811157	112814030	H2AZ_Rep2_peak_27622	60
113012039	113013015	H2AZ_Rep2_peak_27623	40
113016982	113017666	H2AZ_Rep2_peak_27624	75
113238224	113241189	H2AZ_Rep2_peak_27626	65
113298897	113301059	H2AZ_Rep2_peak_27627	137
113341115	113342704	H2AZ_Rep2_peak_27628	57
113357470	113357867	H2AZ_Rep2_peak_27629	29
113382543	113385012	H2AZ_Rep2_peak_27631	38
113437092	113437616	H2AZ_Rep2_peak_27632	68
113439427	113441779	H2AZ_Rep2_peak_27633	31
113443943	113444390	H2AZ_Rep2_peak_27634	50
113445845	113446516	H2AZ_Rep2_peak_27635	37
113448460	113451485	H2AZ_Rep2_peak_27636	39
113448460	113451485	H2AZ_Rep2_peak_27636	39
113482304	113484820	H2AZ_Rep2_peak_27637	30
113521406	113523040	H2AZ_Rep2_peak_27638	63
113541826	113542906	H2AZ_Rep2_peak_27639	29
113551847	113553728	H2AZ_Rep2_peak_27640	60
113569079	113569833	H2AZ_Rep2_peak_27641	67
113956118	113957386	H2AZ_Rep2_peak_27644	58
113961607	113962188	H2AZ_Rep2_peak_27645	53

113968505	113969715	H2AZ_Rep2_peak_27646	86
113997207	113999375	H2AZ_Rep2_peak_27648	48
114006556	114007074	H2AZ_Rep2_peak_27649	57
114040601	114042116	H2AZ_Rep2_peak_27650	43
114082085	114083427	H2AZ_Rep2_peak_27651	51
114341023	114341595	H2AZ_Rep2_peak_27652	93
114513314	114514884	H2AZ_Rep2_peak_27653	73
114563965	114564535	H2AZ_Rep2_peak_27654	22
114575737	114576446	H2AZ_Rep2_peak_27655	62
114616139	114617024	H2AZ_Rep2_peak_27656	22
114646949	114648439	H2AZ_Rep2_peak_27658	50
118572239	118572947	H2AZ_Rep2_peak_27659	93
118770083	118772506	H2AZ_Rep2_peak_27660	77
118845342	118847324	H2AZ_Rep2_peak_27661	68
118900332	118900973	H2AZ_Rep2_peak_27662	41
118926564	118927948	H2AZ_Rep2_peak_27663	66
118943313	118943844	H2AZ_Rep2_peak_27665	66
119007136	119008201	H2AZ_Rep2_peak_27666	22
119425870	119426483	H2AZ_Rep2_peak_27668	40
119496211	119497547	H2AZ_Rep2_peak_27670	32
119980646	119982186	H2AZ_Rep2_peak_27671	71
120123779	120125326	H2AZ_Rep2_peak_27674	64
120183571	120186542	H2AZ_Rep2_peak_27676	55
120188780	120190272	H2AZ_Rep2_peak_27677	80
120436122	120437705	H2AZ_Rep2_peak_27678	37
120516147	120518179	H2AZ_Rep2_peak_27680	47
120770077	120771336	H2AZ_Rep2_peak_27681	51
120980136	120981772	H2AZ_Rep2_peak_27683	45
120995149	120996959	H2AZ_Rep2_peak_27684	30
121000618	121004207	H2AZ_Rep2_peak_27685	52
121009701	121011333	H2AZ_Rep2_peak_27686	50
121070511	121071214	H2AZ_Rep2_peak_27687	20
121296367	121299445	H2AZ_Rep2_peak_27690	58
121493681	121494130	H2AZ_Rep2_peak_27692	39
121620479	121621986	H2AZ_Rep2_peak_27693	59
121668354	121673449	H2AZ_Rep2_peak_27694	54
121668354	121673449	H2AZ_Rep2_peak_27694	54
121691944	121693252	H2AZ_Rep2_peak_27695	34
122287718	122288169	H2AZ_Rep2_peak_27699	17
122405658	122408604	H2AZ_Rep2_peak_27700	79
122457050	122457829	H2AZ_Rep2_peak_27701	28
122493910	122495134	H2AZ_Rep2_peak_27702	49
122512404	122514056	H2AZ_Rep2_peak_27703	43

122732710	122733047	H2AZ_Rep2_peak_27704	17
127414708	127416226	H2AZ_Rep2_peak_27705	35
127863151	127865627	H2AZ_Rep2_peak_27708	26
127927543	127928703	H2AZ_Rep2_peak_27710	26
127954982	127955679	H2AZ_Rep2_peak_27711	49
127974817	127976812	H2AZ_Rep2_peak_27712	56
128051031	128052877	H2AZ_Rep2_peak_27713	81
128144569	128146351	H2AZ_Rep2_peak_27714	34
128158230	128159355	H2AZ_Rep2_peak_27715	61
128165900	128166399	H2AZ_Rep2_peak_27716	38
128167610	128170227	H2AZ_Rep2_peak_27717	28
128180995	128181641	H2AZ_Rep2_peak_27718	64
128283458	128285646	H2AZ_Rep2_peak_27719	45
128287908	128288926	H2AZ_Rep2_peak_27720	23
128395449	128396017	H2AZ_Rep2_peak_27723	87
128404214	128404714	H2AZ_Rep2_peak_27724	24
128458070	128460041	H2AZ_Rep2_peak_27726	40
128568115	128569637	H2AZ_Rep2_peak_27727	130
128614975	128616142	H2AZ_Rep2_peak_27728	49
128784278	128786762	H2AZ_Rep2_peak_27729	58
128848231	128849689	H2AZ_Rep2_peak_27731	98
128990694	128991648	H2AZ_Rep2_peak_27732	64
129079265	129080186	H2AZ_Rep2_peak_27733	27
130938819	130939686	H2AZ_Rep2_peak_27737	25
131094328	131095690	H2AZ_Rep2_peak_27739	86
131099055	131100688	H2AZ_Rep2_peak_27740	86
131112660	131114287	H2AZ_Rep2_peak_27741	46
131129429	131130777	H2AZ_Rep2_peak_27742	99
131148900	131149984	H2AZ_Rep2_peak_27743	19
131554800	131556218	H2AZ_Rep2_peak_27744	54
131564906	131566771	H2AZ_Rep2_peak_27745	49
131576549	131578277	H2AZ_Rep2_peak_27746	105
131584826	131587100	H2AZ_Rep2_peak_27748	52
131593861	131595074	H2AZ_Rep2_peak_27749	35
131850537	131852007	H2AZ_Rep2_peak_27750	27
131860697	131864184	H2AZ_Rep2_peak_27751	24
132249206	132251328	H2AZ_Rep2_peak_27752	28
132439446	132440811	H2AZ_Rep2_peak_27754	70
133102800	133105948	H2AZ_Rep2_peak_27758	105
133172991	133175053	H2AZ_Rep2_peak_27759	49
133196415	133197571	H2AZ_Rep2_peak_27760	21
133427922	133428845	H2AZ_Rep2_peak_27761	74
134022679	134025066	H2AZ_Rep2_peak_27763	34

134074221	134075103	H2AZ_Rep2_peak_27765	21
134081443	134084760	H2AZ_Rep2_peak_27766	39
134119724	134120361	H2AZ_Rep2_peak_27769	18
134180550	134181136	H2AZ_Rep2_peak_27770	30
134188716	134189330	H2AZ_Rep2_peak_27771	27
134876187	134878816	H2AZ_Rep2_peak_27780	39
135217936	135218304	H2AZ_Rep2_peak_27781	13
135531436	135533108	H2AZ_Rep2_peak_27786	21
135577178	135577493	H2AZ_Rep2_peak_27790	26
135675089	135676986	H2AZ_Rep2_peak_27793	51
135809341	135810656	H2AZ_Rep2_peak_27794	85
136287872	136289859	H2AZ_Rep2_peak_27795	57
136498597	136500183	H2AZ_Rep2_peak_27796	61
136633342	136634484	H2AZ_Rep2_peak_27797	16
136742479	136743809	H2AZ_Rep2_peak_27798	39
136874027	136876265	H2AZ_Rep2_peak_27799	39
136983542	136984300	H2AZ_Rep2_peak_27802	22
136992091	136993513	H2AZ_Rep2_peak_27804	19
137132947	137134666	H2AZ_Rep2_peak_27809	22
137181172	137181605	H2AZ_Rep2_peak_27812	31
138045533	138046008	H2AZ_Rep2_peak_27814	15
138091254	138091846	H2AZ_Rep2_peak_27815	15
138630810	138631444	H2AZ_Rep2_peak_27817	13
138721143	138722521	H2AZ_Rep2_peak_27818	79
138829017	138829787	H2AZ_Rep2_peak_27819	15
139153077	139154205	H2AZ_Rep2_peak_27821	53
139258437	139260865	H2AZ_Rep2_peak_27822	73
142150079	142150884	H2AZ_Rep2_peak_27828	50
142798396	142798806	H2AZ_Rep2_peak_27830	14
142887481	142889693	H2AZ_Rep2_peak_27831	115
142943037	142944012	H2AZ_Rep2_peak_27832	31
143440656	143441367	H2AZ_Rep2_peak_27837	27
143450750	143451257	H2AZ_Rep2_peak_27838	21
143503372	143503775	H2AZ_Rep2_peak_27840	17
143553656	143554266	H2AZ_Rep2_peak_27841	15
144657213	144659333	H2AZ_Rep2_peak_27850	24
144857643	144857970	H2AZ_Rep2_peak_27851	26
145088811	145090983	H2AZ_Rep2_peak_27852	107
145273980	145276070	H2AZ_Rep2_peak_27853	47
145281200	145282567	H2AZ_Rep2_peak_27854	34
145417275	145417933	H2AZ_Rep2_peak_27856	28
146508094	146511067	H2AZ_Rep2_peak_27860	22
147106472	147107770	H2AZ_Rep2_peak_27863	15

147631531	147632249	H2AZ_Rep2_peak_27864	30
147907323	147908337	H2AZ_Rep2_peak_27865	142
148601293	148604271	H2AZ_Rep2_peak_27869	29
148777597	148779726	H2AZ_Rep2_peak_27870	90
149266609	149267724	H2AZ_Rep2_peak_27871	62
149371582	149372542	H2AZ_Rep2_peak_27873	29
149401491	149403428	H2AZ_Rep2_peak_27874	125
149571732	149573080	H2AZ_Rep2_peak_27875	43
149924634	149926003	H2AZ_Rep2_peak_27879	30
150186249	150187645	H2AZ_Rep2_peak_27880	108
150443546	150445131	H2AZ_Rep2_peak_27883	54
150588595	150589660	H2AZ_Rep2_peak_27885	30
151022765	151023225	H2AZ_Rep2_peak_27887	19
151226243	151228680	H2AZ_Rep2_peak_27888	24
151341673	151343601	H2AZ_Rep2_peak_27890	44
151352778	151353163	H2AZ_Rep2_peak_27891	30
151519492	151520270	H2AZ_Rep2_peak_27894	27
151768279	151769123	H2AZ_Rep2_peak_27896	39
152117589	152119430	H2AZ_Rep2_peak_27897	95
152145084	152146991	H2AZ_Rep2_peak_27898	41
152265938	152267081	H2AZ_Rep2_peak_27899	66
152684209	152685763	H2AZ_Rep2_peak_27900	84
152804080	152804438	H2AZ_Rep2_peak_27902	35
152860695	152861364	H2AZ_Rep2_peak_27903	43
153031439	153033245	H2AZ_Rep2_peak_27906	116
153191001	153193582	H2AZ_Rep2_peak_27908	40
153573399	153575637	H2AZ_Rep2_peak_27909	67
153963424	153963988	H2AZ_Rep2_peak_27910	41
154022746	154023533	H2AZ_Rep2_peak_27911	17
154333074	154336652	H2AZ_Rep2_peak_27914	28
154333074	154336652	H2AZ_Rep2_peak_27914	28
154399669	154400918	H2AZ_Rep2_peak_27915	19
154449415	154450170	H2AZ_Rep2_peak_27916	18
155014374	155014914	H2AZ_Rep2_peak_27917	38
155311322	155312318	H2AZ_Rep2_peak_27919	44
155956608	155957272	H2AZ_Rep2_peak_27921	26
156736481	156737037	H2AZ_Rep2_peak_27927	45
156933470	156934033	H2AZ_Rep2_peak_27928	85
156939880	156941466	H2AZ_Rep2_peak_27929	97
157038463	157038923	H2AZ_Rep2_peak_27932	22
157188927	157189725	H2AZ_Rep2_peak_27934	17
157255903	157257628	H2AZ_Rep2_peak_27936	80
157261809	157262522	H2AZ_Rep2_peak_27937	62

157286834	157287568	H2AZ_Rep2_peak_27938	25
157291771	157293631	H2AZ_Rep2_peak_27939	49
157909022	157909485	H2AZ_Rep2_peak_27942	46
158077995	158078323	H2AZ_Rep2_peak_27946	16
158113808	158114476	H2AZ_Rep2_peak_27947	27
158117380	158118006	H2AZ_Rep2_peak_27948	44
158309810	158310301	H2AZ_Rep2_peak_27950	42
158731718	158733707	H2AZ_Rep2_peak_27953	27
158915938	158917480	H2AZ_Rep2_peak_27954	37
158955983	158956450	H2AZ_Rep2_peak_27955	23
159312865	159315032	H2AZ_Rep2_peak_27956	42
159580252	159581586	H2AZ_Rep2_peak_27957	122
159824559	159826643	H2AZ_Rep2_peak_27960	35
159974729	159975224	H2AZ_Rep2_peak_27961	25
160142352	160143953	H2AZ_Rep2_peak_27964	116
160146782	160147702	H2AZ_Rep2_peak_27965	65
160372737	160373242	H2AZ_Rep2_peak_27966	54
160471693	160473214	H2AZ_Rep2_peak_27967	48
160567369	160569571	H2AZ_Rep2_peak_27969	45
160838683	160839194	H2AZ_Rep2_peak_27970	19
160899390	160900216	H2AZ_Rep2_peak_27971	15
160918847	160919429	H2AZ_Rep2_peak_27972	22
160931695	160932074	H2AZ_Rep2_peak_27973	17
161060377	161062639	H2AZ_Rep2_peak_27975	49
161064015	161066291	H2AZ_Rep2_peak_27976	15
161076412	161079712	H2AZ_Rep2_peak_27977	35
161112071	161115160	H2AZ_Rep2_peak_27979	92
161126011	161127245	H2AZ_Rep2_peak_27980	34
161262866	161263746	H2AZ_Rep2_peak_27982	19
161348589	161350432	H2AZ_Rep2_peak_27983	24
161788984	161789874	H2AZ_Rep2_peak_27985	21
161826481	161826913	H2AZ_Rep2_peak_27986	66
161887299	161887665	H2AZ_Rep2_peak_27987	25
161920118	161920562	H2AZ_Rep2_peak_27988	14
161979446	161980760	H2AZ_Rep2_peak_27991	44
162016073	162017770	H2AZ_Rep2_peak_27992	47
162099886	162101466	H2AZ_Rep2_peak_27993	53
162164161	162165412	H2AZ_Rep2_peak_27995	84
162270805	162271968	H2AZ_Rep2_peak_27996	55
162849047	162849479	H2AZ_Rep2_peak_27999	38
162947003	162949993	H2AZ_Rep2_peak_28001	18
163101002	163101709	H2AZ_Rep2_peak_28004	26
163174247	163176310	H2AZ_Rep2_peak_28005	108



163200512	163201233	H2AZ_Rep2_peak_28006	27
163347034	163347739	H2AZ_Rep2_peak_28008	19
163588406	163589125	H2AZ_Rep2_peak_28009	60
164204462	164205626	H2AZ_Rep2_peak_28010	14
164591526	164593211	H2AZ_Rep2_peak_28011	70
164929603	164929999	H2AZ_Rep2_peak_28013	63
165001837	165002362	H2AZ_Rep2_peak_28015	25
165005777	165009273	H2AZ_Rep2_peak_28016	28
165218347	165218861	H2AZ_Rep2_peak_28017	15
165244470	165245572	H2AZ_Rep2_peak_28018	41
165477340	165478451	H2AZ_Rep2_peak_28020	21
165696988	165699010	H2AZ_Rep2_peak_28024	67
165753692	165755243	H2AZ_Rep2_peak_28026	22
165766505	165767333	H2AZ_Rep2_peak_28027	42
165777070	165777399	H2AZ_Rep2_peak_28028	34
166649522	166651658	H2AZ_Rep2_peak_28030	32
166809700	166810787	H2AZ_Rep2_peak_28031	38
167037203	167038104	H2AZ_Rep2_peak_28033	16
169102125	169104602	H2AZ_Rep2_peak_28037	41
169746223	169747539	H2AZ_Rep2_peak_28039	80
169890857	169891598	H2AZ_Rep2_peak_28042	19
170429400	170430349	H2AZ_Rep2_peak_28045	112
170440470	170441630	H2AZ_Rep2_peak_28046	65
170550352	170551538	H2AZ_Rep2_peak_28047	99
170589531	170591363	H2AZ_Rep2_peak_28048	46
170632349	170633319	H2AZ_Rep2_peak_28050	22
170654060	170656105	H2AZ_Rep2_peak_28052	41
170680771	170682116	H2AZ_Rep2_peak_28053	104
170683592	170684651	H2AZ_Rep2_peak_28054	32
171570620	171572089	H2AZ_Rep2_peak_28055	49
171600449	171601457	H2AZ_Rep2_peak_28056	44
171626634	171627921	H2AZ_Rep2_peak_28057	75
171672202	171674548	H2AZ_Rep2_peak_28058	56
171729235	171730395	H2AZ_Rep2_peak_28059	73
171784464	171786978	H2AZ_Rep2_peak_28061	76
171829742	171831000	H2AZ_Rep2_peak_28062	42
172015831	172018584	H2AZ_Rep2_peak_28063	59
172288943	172291839	H2AZ_Rep2_peak_28064	45
172378435	172381117	H2AZ_Rep2_peak_28065	72
172430701	172432245	H2AZ_Rep2_peak_28066	27
172451951	172452461	H2AZ_Rep2_peak_28067	33
172543504	172545114	H2AZ_Rep2_peak_28068	87
172750051	172751780	H2AZ_Rep2_peak_28069	72

172778247	172779585	H2AZ_Rep2_peak_28070	73
172864128	172865907	H2AZ_Rep2_peak_28071	135
172886378	172886861	H2AZ_Rep2_peak_28072	41
172902547	172904474	H2AZ_Rep2_peak_28073	42
172949063	172950695	H2AZ_Rep2_peak_28074	53
172959295	172960514	H2AZ_Rep2_peak_28075	68
172963252	172963925	H2AZ_Rep2_peak_28076	43
172967224	172968961	H2AZ_Rep2_peak_28077	88
173036903	173037877	H2AZ_Rep2_peak_28078	31
173060760	173062155	H2AZ_Rep2_peak_28080	65
173096142	173097095	H2AZ_Rep2_peak_28081	45
173114910	173118810	H2AZ_Rep2_peak_28082	47
173291573	173293861	H2AZ_Rep2_peak_28083	54
173303888	173304214	H2AZ_Rep2_peak_28084	40
173419545	173421820	H2AZ_Rep2_peak_28086	54
173537839	173538488	H2AZ_Rep2_peak_28087	28
173647761	173648541	H2AZ_Rep2_peak_28088	46
173671587	173672028	H2AZ_Rep2_peak_28089	39
173699885	173701580	H2AZ_Rep2_peak_28090	39
173723116	173726193	H2AZ_Rep2_peak_28092	28
173792380	173793242	H2AZ_Rep2_peak_28093	74
173849188	173851203	H2AZ_Rep2_peak_28095	50
173867419	173868323	H2AZ_Rep2_peak_28096	43
173886604	173887244	H2AZ_Rep2_peak_28097	17
173940102	173941497	H2AZ_Rep2_peak_28099	41
174218601	174220260	H2AZ_Rep2_peak_28100	92
174265591	174267741	H2AZ_Rep2_peak_28101	37
174313547	174314116	H2AZ_Rep2_peak_28103	118
174904201	174904777	H2AZ_Rep2_peak_28110	231
174916278	174917162	H2AZ_Rep2_peak_28111	19
174922965	174924652	H2AZ_Rep2_peak_28112	45
175112576	175114094	H2AZ_Rep2_peak_28114	49
175206447	175206871	H2AZ_Rep2_peak_28116	53
175259886	175261151	H2AZ_Rep2_peak_28117	141
175350830	175353028	H2AZ_Rep2_peak_28119	100
175868856	175870762	H2AZ_Rep2_peak_28122	58
176032315	176033632	H2AZ_Rep2_peak_28123	98
176045589	176047136	H2AZ_Rep2_peak_28124	90
176263312	176264712	H2AZ_Rep2_peak_28127	35
176865866	176867731	H2AZ_Rep2_peak_28128	119
176961996	176962884	H2AZ_Rep2_peak_28129	38
176971109	176972384	H2AZ_Rep2_peak_28130	22
176987131	176987873	H2AZ_Rep2_peak_28131	23

177133037	177135006	H2AZ_Rep2_peak_28132	80
177259952	177260265	H2AZ_Rep2_peak_28133	27
178028937	178031466	H2AZ_Rep2_peak_28139	45
178052249	178052899	H2AZ_Rep2_peak_28140	74
178137361	178138438	H2AZ_Rep2_peak_28142	22
178146644	178147987	H2AZ_Rep2_peak_28144	31
178196919	178197996	H2AZ_Rep2_peak_28145	42
178256837	178258330	H2AZ_Rep2_peak_28146	76
178416876	178418458	H2AZ_Rep2_peak_28147	167
178482954	178484397	H2AZ_Rep2_peak_28148	141
178936894	178938153	H2AZ_Rep2_peak_28151	119
178939471	178940067	H2AZ_Rep2_peak_28152	27
178976504	178978482	H2AZ_Rep2_peak_28153	125
179057943	179060442	H2AZ_Rep2_peak_28154	63
179277639	179280033	H2AZ_Rep2_peak_28157	56
179314958	179316643	H2AZ_Rep2_peak_28158	37
179342723	179345683	H2AZ_Rep2_peak_28159	139
179387342	179388666	H2AZ_Rep2_peak_28160	49
179922843	179923352	H2AZ_Rep2_peak_28161	22
180128316	180130120	H2AZ_Rep2_peak_28162	55
180137385	180142367	H2AZ_Rep2_peak_28164	25
180137385	180142367	H2AZ_Rep2_peak_28164	25
180208882	180210503	H2AZ_Rep2_peak_28165	95
180324861	180325826	H2AZ_Rep2_peak_28166	28
180690438	180690847	H2AZ_Rep2_peak_28169	37
180871330	180872930	H2AZ_Rep2_peak_28172	72
180887627	180888179	H2AZ_Rep2_peak_28174	15
180898584	180899280	H2AZ_Rep2_peak_28175	70
181360082	181360540	H2AZ_Rep2_peak_28178	17
181694215	181694748	H2AZ_Rep2_peak_28180	35
181844498	181846465	H2AZ_Rep2_peak_28182	55
182258231	182258540	H2AZ_Rep2_peak_28184	16
182615686	182617263	H2AZ_Rep2_peak_28185	25
182645164	182646385	H2AZ_Rep2_peak_28186	18
182650776	182651772	H2AZ_Rep2_peak_28187	12
182756139	182757374	H2AZ_Rep2_peak_28189	23
182885281	182885873	H2AZ_Rep2_peak_28191	15
182932263	182934959	H2AZ_Rep2_peak_28192	23
183008537	183009978	H2AZ_Rep2_peak_28194	62
183237164	183238104	H2AZ_Rep2_peak_28196	46
183291385	183291846	H2AZ_Rep2_peak_28197	36
183537268	183537722	H2AZ_Rep2_peak_28198	60
183579768	183581735	H2AZ_Rep2_peak_28199	70

183902574	183904045	H2AZ_Rep2_peak_28200	52
183924191	183924956	H2AZ_Rep2_peak_28201	17
183942866	183944378	H2AZ_Rep2_peak_28202	106
183969943	183970623	H2AZ_Rep2_peak_28203	55
183988226	183990163	H2AZ_Rep2_peak_28204	143
185039240	185039790	H2AZ_Rep2_peak_28207	19
186447522	186448373	H2AZ_Rep2_peak_28209	72
186994526	186995097	H2AZ_Rep2_peak_28210	16
187350412	187351762	H2AZ_Rep2_peak_28211	61
187419497	187420573	H2AZ_Rep2_peak_28213	17
187453861	187456349	H2AZ_Rep2_peak_28214	82
187816418	187817093	H2AZ_Rep2_peak_28216	28
188312812	188313306	H2AZ_Rep2_peak_28217	55
188439828	188442567	H2AZ_Rep2_peak_28219	25
188450948	188452071	H2AZ_Rep2_peak_28220	42
188690660	188690971	H2AZ_Rep2_peak_28221	28
189155995	189157595	H2AZ_Rep2_peak_28225	56
189494227	189496312	H2AZ_Rep2_peak_28226	28
189748664	189749357	H2AZ_Rep2_peak_28228	29
190067223	190071018	H2AZ_Rep2_peak_28229	19
190075484	190075784	H2AZ_Rep2_peak_28230	21
190087214	190087545	H2AZ_Rep2_peak_28232	27
190149062	190149650	H2AZ_Rep2_peak_28234	17
190304996	190306777	H2AZ_Rep2_peak_28236	66
190413865	190414218	H2AZ_Rep2_peak_28240	33
190474091	190478769	H2AZ_Rep2_peak_28242	29
190474091	190478769	H2AZ_Rep2_peak_28242	29
190494147	190495587	H2AZ_Rep2_peak_28243	40
190525790	190526863	H2AZ_Rep2_peak_28244	145
190538470	190540038	H2AZ_Rep2_peak_28245	80
190626750	190629272	H2AZ_Rep2_peak_28246	99
190647968	190649798	H2AZ_Rep2_peak_28247	79
191183706	191185711	H2AZ_Rep2_peak_28250	81
191197995	191200022	H2AZ_Rep2_peak_28251	16
191207905	191209151	H2AZ_Rep2_peak_28252	54
191273486	191274023	H2AZ_Rep2_peak_28253	70
191398717	191400489	H2AZ_Rep2_peak_28254	32
191470528	191474583	H2AZ_Rep2_peak_28256	27
191512794	191514372	H2AZ_Rep2_peak_28258	22
191708509	191710208	H2AZ_Rep2_peak_28261	19
191744912	191747103	H2AZ_Rep2_peak_28262	44
191812468	191813879	H2AZ_Rep2_peak_28263	20
191878257	191879733	H2AZ_Rep2_peak_28264	56

191885261	191886760	H2AZ_Rep2_peak_28266	86
192045207	192045700	H2AZ_Rep2_peak_28269	36
192109668	192111113	H2AZ_Rep2_peak_28270	55
192241790	192242197	H2AZ_Rep2_peak_28272	20
192420053	192420625	H2AZ_Rep2_peak_28273	24
192435699	192436286	H2AZ_Rep2_peak_28274	18
192542127	192543903	H2AZ_Rep2_peak_28277	47
192623524	192624072	H2AZ_Rep2_peak_28278	32
192711672	192712060	H2AZ_Rep2_peak_28279	26
192731226	192732454	H2AZ_Rep2_peak_28280	68
192900602	192900964	H2AZ_Rep2_peak_28281	21
193060107	193061663	H2AZ_Rep2_peak_28282	112
194052547	194054172	H2AZ_Rep2_peak_28285	29
196228145	196229833	H2AZ_Rep2_peak_28291	47
196278374	196279367	H2AZ_Rep2_peak_28295	19
196385652	196386117	H2AZ_Rep2_peak_28297	60
196395457	196399323	H2AZ_Rep2_peak_28298	48
196400922	196402033	H2AZ_Rep2_peak_28299	24
196427218	196431284	H2AZ_Rep2_peak_28302	18
196437115	196438214	H2AZ_Rep2_peak_28303	17
196444887	196445302	H2AZ_Rep2_peak_28304	18
196454895	196455804	H2AZ_Rep2_peak_28305	13
196477704	196478062	H2AZ_Rep2_peak_28306	32
196485287	196485666	H2AZ_Rep2_peak_28307	33
196521031	196521529	H2AZ_Rep2_peak_28308	28
196933305	196933984	H2AZ_Rep2_peak_28309	25
197034975	197036996	H2AZ_Rep2_peak_28310	53
197097269	197098709	H2AZ_Rep2_peak_28311	39
197457287	197458697	H2AZ_Rep2_peak_28313	72
197466157	197467068	H2AZ_Rep2_peak_28314	96
197502147	197505102	H2AZ_Rep2_peak_28316	96
197561065	197561757	H2AZ_Rep2_peak_28317	17
197663804	197665020	H2AZ_Rep2_peak_28318	49
197666294	197667361	H2AZ_Rep2_peak_28319	40
197790114	197792079	H2AZ_Rep2_peak_28320	112
197852745	197853710	H2AZ_Rep2_peak_28322	36
198024517	198024844	H2AZ_Rep2_peak_28323	40
198173670	198176403	H2AZ_Rep2_peak_28324	72
198299239	198301164	H2AZ_Rep2_peak_28326	66
198316009	198318689	H2AZ_Rep2_peak_28327	55
198363777	198365291	H2AZ_Rep2_peak_28328	14
198379521	198381528	H2AZ_Rep2_peak_28329	108
198464137	198464931	H2AZ_Rep2_peak_28330	32

198479234	198480124	H2AZ_Rep2_peak_28331	36
198558004	198558942	H2AZ_Rep2_peak_28332	40
198569494	198571069	H2AZ_Rep2_peak_28333	65
198668707	198669728	H2AZ_Rep2_peak_28334	43
199665810	199666570	H2AZ_Rep2_peak_28336	55
200321950	200325398	H2AZ_Rep2_peak_28337	66
200603418	200605132	H2AZ_Rep2_peak_28339	36
200715121	200716776	H2AZ_Rep2_peak_28341	82
200775031	200776861	H2AZ_Rep2_peak_28342	93
200819820	200821159	H2AZ_Rep2_peak_28343	127
200850295	200851082	H2AZ_Rep2_peak_28344	68
201020854	201021268	H2AZ_Rep2_peak_28346	36
201064133	201064659	H2AZ_Rep2_peak_28347	18
201170240	201172372	H2AZ_Rep2_peak_28349	81
201373951	201375429	H2AZ_Rep2_peak_28351	83
201390301	201391826	H2AZ_Rep2_peak_28352	92
201464883	201466086	H2AZ_Rep2_peak_28353	37
201513411	201514034	H2AZ_Rep2_peak_28355	53
201593318	201594089	H2AZ_Rep2_peak_28358	24
201606191	201606718	H2AZ_Rep2_peak_28359	36
201621351	201622853	H2AZ_Rep2_peak_28361	59
201625905	201626365	H2AZ_Rep2_peak_28362	38
201643858	201644279	H2AZ_Rep2_peak_28366	39
201659740	201662671	H2AZ_Rep2_peak_28369	29
201728794	201729835	H2AZ_Rep2_peak_28371	68
201731653	201732464	H2AZ_Rep2_peak_28372	25
201752738	201754673	H2AZ_Rep2_peak_28373	53
201827638	201828801	H2AZ_Rep2_peak_28374	72
201935831	201936945	H2AZ_Rep2_peak_28375	71
201980637	201982194	H2AZ_Rep2_peak_28376	35
201983407	201983853	H2AZ_Rep2_peak_28377	34
202047301	202048498	H2AZ_Rep2_peak_28379	39
202096600	202099062	H2AZ_Rep2_peak_28381	71
202122006	202123256	H2AZ_Rep2_peak_28382	70
202315324	202317276	H2AZ_Rep2_peak_28385	74
202477202	202477701	H2AZ_Rep2_peak_28386	24
202506594	202508207	H2AZ_Rep2_peak_28387	123
202516780	202517893	H2AZ_Rep2_peak_28388	40
202645030	202647235	H2AZ_Rep2_peak_28390	128
202897083	202898980	H2AZ_Rep2_peak_28392	67
202903539	202904510	H2AZ_Rep2_peak_28393	30
203102588	203103954	H2AZ_Rep2_peak_28394	143
203113468	203115065	H2AZ_Rep2_peak_28395	38

203240172	203243036	H2AZ_Rep2_peak_28397	74
203453258	203454215	H2AZ_Rep2_peak_28398	50
203498903	203501414	H2AZ_Rep2_peak_28399	45
203671630	203673212	H2AZ_Rep2_peak_28401	95
203696003	203696875	H2AZ_Rep2_peak_28402	36
203735495	203736644	H2AZ_Rep2_peak_28403	75
203775939	203777107	H2AZ_Rep2_peak_28404	98
203878654	203880138	H2AZ_Rep2_peak_28405	59
204103266	204104690	H2AZ_Rep2_peak_28406	45
204192152	204193968	H2AZ_Rep2_peak_28407	79
204398487	204400982	H2AZ_Rep2_peak_28408	43
204514398	204515869	H2AZ_Rep2_peak_28411	13
204608123	204608835	H2AZ_Rep2_peak_28414	54
204623581	204626237	H2AZ_Rep2_peak_28415	59
204674945	204676812	H2AZ_Rep2_peak_28416	22
205409425	205411310	H2AZ_Rep2_peak_28418	59
206376500	206377362	H2AZ_Rep2_peak_28420	12
206546670	206550924	H2AZ_Rep2_peak_28421	46
206546670	206550924	H2AZ_Rep2_peak_28421	46
206949154	206951684	H2AZ_Rep2_peak_28423	31
206970709	206971391	H2AZ_Rep2_peak_28424	57
207023408	207024946	H2AZ_Rep2_peak_28425	47
207073447	207073750	H2AZ_Rep2_peak_28426	32
207077439	207078462	H2AZ_Rep2_peak_28427	23
207138927	207140725	H2AZ_Rep2_peak_28429	50
207448862	207451091	H2AZ_Rep2_peak_28431	19
207476215	207477086	H2AZ_Rep2_peak_28432	77
207479495	207481198	H2AZ_Rep2_peak_28433	32
207629489	207630829	H2AZ_Rep2_peak_28434	195
208030318	208032423	H2AZ_Rep2_peak_28436	36
208103642	208104231	H2AZ_Rep2_peak_28437	21
208194466	208196169	H2AZ_Rep2_peak_28439	28
208198873	208200462	H2AZ_Rep2_peak_28440	56
208259029	208260553	H2AZ_Rep2_peak_28443	38
208393366	208394427	H2AZ_Rep2_peak_28445	39
208488929	208491116	H2AZ_Rep2_peak_28446	44
208575195	208577268	H2AZ_Rep2_peak_28447	52
208633620	208635298	H2AZ_Rep2_peak_28448	50
208655832	208657634	H2AZ_Rep2_peak_28449	70
208674969	208676287	H2AZ_Rep2_peak_28451	110
208889790	208891042	H2AZ_Rep2_peak_28453	186
208977697	208978296	H2AZ_Rep2_peak_28455	46
209119091	209120740	H2AZ_Rep2_peak_28456	51

209129766	209131637	H2AZ_Rep2_peak_28457	67
210233776	210234319	H2AZ_Rep2_peak_28459	58
210287981	210289375	H2AZ_Rep2_peak_28460	43
210337082	210337996	H2AZ_Rep2_peak_28461	23
210654489	210655378	H2AZ_Rep2_peak_28462	42
210866547	210867964	H2AZ_Rep2_peak_28464	82
211034813	211037013	H2AZ_Rep2_peak_28465	32
211340927	211342913	H2AZ_Rep2_peak_28467	40
212009122	212010111	H2AZ_Rep2_peak_28468	23
212068831	212070172	H2AZ_Rep2_peak_28469	22
213401889	213403708	H2AZ_Rep2_peak_28472	67
213769359	213770979	H2AZ_Rep2_peak_28474	59
213775821	213778605	H2AZ_Rep2_peak_28475	27
214012229	214017457	H2AZ_Rep2_peak_28477	66
214148103	214149785	H2AZ_Rep2_peak_28479	127
215673940	215675946	H2AZ_Rep2_peak_28488	30
216175960	216177439	H2AZ_Rep2_peak_28490	32
216484240	216485842	H2AZ_Rep2_peak_28492	73
216489121	216489559	H2AZ_Rep2_peak_28493	24
216658542	216660552	H2AZ_Rep2_peak_28496	19
216691288	216692042	H2AZ_Rep2_peak_28497	11
216734585	216735834	H2AZ_Rep2_peak_28498	112
216876947	216878425	H2AZ_Rep2_peak_28500	77
216945919	216947117	H2AZ_Rep2_peak_28501	97
217081985	217082326	H2AZ_Rep2_peak_28504	23
217180506	217181881	H2AZ_Rep2_peak_28508	109
217202578	217204941	H2AZ_Rep2_peak_28509	38
217276585	217277981	H2AZ_Rep2_peak_28511	71
217362528	217363799	H2AZ_Rep2_peak_28512	85
217399943	217400528	H2AZ_Rep2_peak_28513	36
217930862	217931825	H2AZ_Rep2_peak_28516	25
217970695	217971235	H2AZ_Rep2_peak_28518	51
218296458	218296948	H2AZ_Rep2_peak_28519	17
218298984	218299310	H2AZ_Rep2_peak_28520	29
218518067	218518588	H2AZ_Rep2_peak_28521	53
218857424	218858701	H2AZ_Rep2_peak_28523	31
218860697	218861305	H2AZ_Rep2_peak_28524	19
218874922	218875602	H2AZ_Rep2_peak_28525	17
219051161	219051839	H2AZ_Rep2_peak_28527	48
219081139	219082616	H2AZ_Rep2_peak_28528	79
219134087	219135808	H2AZ_Rep2_peak_28529	51
219156666	219157965	H2AZ_Rep2_peak_28531	27
219181292	219181975	H2AZ_Rep2_peak_28532	34



219187051	219189115	H2AZ_Rep2_peak_28533	48
219251999	219252836	H2AZ_Rep2_peak_28534	46
219260334	219262176	H2AZ_Rep2_peak_28535	48
219271647	219272244	H2AZ_Rep2_peak_28536	37
219432446	219434607	H2AZ_Rep2_peak_28537	52
219472039	219472647	H2AZ_Rep2_peak_28539	23
219523438	219525186	H2AZ_Rep2_peak_28540	94
219536136	219537591	H2AZ_Rep2_peak_28541	138
219575639	219576521	H2AZ_Rep2_peak_28542	44
219670422	219671588	H2AZ_Rep2_peak_28543	46
219758951	219763061	H2AZ_Rep2_peak_28545	29
219758951	219763061	H2AZ_Rep2_peak_28545	29
219828444	219829071	H2AZ_Rep2_peak_28546	23
219844558	219845046	H2AZ_Rep2_peak_28547	96
219860792	219861444	H2AZ_Rep2_peak_28548	46
220024526	220025663	H2AZ_Rep2_peak_28549	37
220040851	220043718	H2AZ_Rep2_peak_28550	32
220070855	220071917	H2AZ_Rep2_peak_28551	133
220093575	220095245	H2AZ_Rep2_peak_28553	29
220109709	220111356	H2AZ_Rep2_peak_28554	29
220117441	220119268	H2AZ_Rep2_peak_28555	60
220142254	220142977	H2AZ_Rep2_peak_28556	37
220144461	220144883	H2AZ_Rep2_peak_28557	42
220159031	220160062	H2AZ_Rep2_peak_28558	34
220163446	220163960	H2AZ_Rep2_peak_28559	40
220233503	220234641	H2AZ_Rep2_peak_28560	34
220252025	220253976	H2AZ_Rep2_peak_28561	59
220283935	220285072	H2AZ_Rep2_peak_28563	40
220306231	220306642	H2AZ_Rep2_peak_28565	51
220317326	220318876	H2AZ_Rep2_peak_28566	89
220362407	220364183	H2AZ_Rep2_peak_28568	69
220385987	220386959	H2AZ_Rep2_peak_28569	30
220407542	220409109	H2AZ_Rep2_peak_28570	23
220435257	220437096	H2AZ_Rep2_peak_28571	34
220443597	220444241	H2AZ_Rep2_peak_28572	27
220461997	220463423	H2AZ_Rep2_peak_28573	106
220549723	220550410	H2AZ_Rep2_peak_28574	26
221093157	221093688	H2AZ_Rep2_peak_28575	15
221484628	221485081	H2AZ_Rep2_peak_28577	25
223182795	223183440	H2AZ_Rep2_peak_28578	80
223519873	223521899	H2AZ_Rep2_peak_28579	114
223621134	223622199	H2AZ_Rep2_peak_28583	24
223652134	223654639	H2AZ_Rep2_peak_28584	50

223702049	223702852	H2AZ_Rep2_peak_28588	26
223707304	223709472	H2AZ_Rep2_peak_28589	56
223707304	223709472	H2AZ_Rep2_peak_28589	56
223724643	223726094	H2AZ_Rep2_peak_28590	38
224401446	224404173	H2AZ_Rep2_peak_28592	20
224505604	224508262	H2AZ_Rep2_peak_28595	27
224556775	224557075	H2AZ_Rep2_peak_28596	26
224561112	224561807	H2AZ_Rep2_peak_28597	17
224624306	224626167	H2AZ_Rep2_peak_28601	38
224701591	224702841	H2AZ_Rep2_peak_28602	34
224809771	224810837	H2AZ_Rep2_peak_28603	68
224821717	224822681	H2AZ_Rep2_peak_28605	77
224902989	224904516	H2AZ_Rep2_peak_28606	27
225450511	225451338	H2AZ_Rep2_peak_28611	52
225837951	225838761	H2AZ_Rep2_peak_28615	31
226328864	226329992	H2AZ_Rep2_peak_28616	29
226331695	226333047	H2AZ_Rep2_peak_28617	38
226377997	226379500	H2AZ_Rep2_peak_28618	61
226895764	226897022	H2AZ_Rep2_peak_28620	86
227049910	227050585	H2AZ_Rep2_peak_28621	57
227276501	227276852	H2AZ_Rep2_peak_28622	17
227343211	227343666	H2AZ_Rep2_peak_28623	25
227655750	227657088	H2AZ_Rep2_peak_28624	66
227700156	227701483	H2AZ_Rep2_peak_28625	47
228018035	228019114	H2AZ_Rep2_peak_28626	42
228028117	228029885	H2AZ_Rep2_peak_28627	61
228092849	228093887	H2AZ_Rep2_peak_28628	26
228189234	228190759	H2AZ_Rep2_peak_28629	52
228230752	228232413	H2AZ_Rep2_peak_28630	40
228241100	228243490	H2AZ_Rep2_peak_28631	23
228262231	228263115	H2AZ_Rep2_peak_28635	30
228271156	228273121	H2AZ_Rep2_peak_28636	43
228279473	228280984	H2AZ_Rep2_peak_28638	25
228331321	228331726	H2AZ_Rep2_peak_28639	42
228488190	228488555	H2AZ_Rep2_peak_28640	20
228645766	228646980	H2AZ_Rep2_peak_28641	52
228660745	228661511	H2AZ_Rep2_peak_28642	22
228681577	228684232	H2AZ_Rep2_peak_28643	32
228727723	228728064	H2AZ_Rep2_peak_28646	23
228749267	228749706	H2AZ_Rep2_peak_28647	53
229432099	229432759	H2AZ_Rep2_peak_28649	15
230273949	230275195	H2AZ_Rep2_peak_28654	36
230270932	230272285	H2AZ_Rep2_peak_28653	61

230309459	230310799	H2AZ_Rep2_peak_28655	49
230320007	230320360	H2AZ_Rep2_peak_28656	29
230451490	230452133	H2AZ_Rep2_peak_28657	26
230578036	230579783	H2AZ_Rep2_peak_28660	58
230785836	230788216	H2AZ_Rep2_peak_28662	76
230932319	230933723	H2AZ_Rep2_peak_28664	29
231084203	231085551	H2AZ_Rep2_peak_28665	77
231191290	231192533	H2AZ_Rep2_peak_28666	104
231275789	231277372	H2AZ_Rep2_peak_28667	124
231280391	231281575	H2AZ_Rep2_peak_28668	52
231532009	231533967	H2AZ_Rep2_peak_28671	38
231547908	231549723	H2AZ_Rep2_peak_28672	34
231576894	231578570	H2AZ_Rep2_peak_28675	122
231728772	231730094	H2AZ_Rep2_peak_28677	78
231851409	231852764	H2AZ_Rep2_peak_28680	108
231881483	231882061	H2AZ_Rep2_peak_28681	19
231917160	231918343	H2AZ_Rep2_peak_28682	65
231921160	231921968	H2AZ_Rep2_peak_28683	52
232062390	232064276	H2AZ_Rep2_peak_28684	110
232229724	232230233	H2AZ_Rep2_peak_28685	49
232264644	232265602	H2AZ_Rep2_peak_28686	104
232276596	232277935	H2AZ_Rep2_peak_28687	65
232329011	232330316	H2AZ_Rep2_peak_28688	55
232378664	232380634	H2AZ_Rep2_peak_28689	49
232469033	232470109	H2AZ_Rep2_peak_28690	43
232476182	232477700	H2AZ_Rep2_peak_28691	19
232485397	232486274	H2AZ_Rep2_peak_28693	20
232496966	232498373	H2AZ_Rep2_peak_28695	38
232505286	232505893	H2AZ_Rep2_peak_28696	36
232526692	232527665	H2AZ_Rep2_peak_28699	49
232536068	232541056	H2AZ_Rep2_peak_28701	34
232536068	232541056	H2AZ_Rep2_peak_28701	34
232544838	232546289	H2AZ_Rep2_peak_28702	18
232551685	232552589	H2AZ_Rep2_peak_28703	58
232571034	232572649	H2AZ_Rep2_peak_28704	54
232645114	232647371	H2AZ_Rep2_peak_28706	75
232650634	232651703	H2AZ_Rep2_peak_28707	82
232765193	232765938	H2AZ_Rep2_peak_28708	17
232789579	232790106	H2AZ_Rep2_peak_28710	57
232825618	232827062	H2AZ_Rep2_peak_28711	87
233308836	233309766	H2AZ_Rep2_peak_28712	72
233414811	233416099	H2AZ_Rep2_peak_28713	42
233470481	233471282	H2AZ_Rep2_peak_28715	73

233561401	233562808	H2AZ_Rep2_peak_28717	35
233766217	233767231	H2AZ_Rep2_peak_28720	78
233801948	233802386	H2AZ_Rep2_peak_28721	31
233816517	233816990	H2AZ_Rep2_peak_28722	40
233852092	233853131	H2AZ_Rep2_peak_28723	42
233894044	233894393	H2AZ_Rep2_peak_28724	30
234074136	234075474	H2AZ_Rep2_peak_28726	120
234158742	234161118	H2AZ_Rep2_peak_28729	37
234257472	234259549	H2AZ_Rep2_peak_28730	48
234262086	234264014	H2AZ_Rep2_peak_28731	63
234465541	234466627	H2AZ_Rep2_peak_28732	39
234474965	234475429	H2AZ_Rep2_peak_28733	75
234607385	234608982	H2AZ_Rep2_peak_28736	25
234614586	234617370	H2AZ_Rep2_peak_28737	33
234760631	234764460	H2AZ_Rep2_peak_28739	44
234776547	234777432	H2AZ_Rep2_peak_28740	101
235771930	235772543	H2AZ_Rep2_peak_28743	22
235935023	235935729	H2AZ_Rep2_peak_28745	44
235959411	235960501	H2AZ_Rep2_peak_28746	47
236079695	236080784	H2AZ_Rep2_peak_28748	28
236221103	236221662	H2AZ_Rep2_peak_28749	74
236241454	236242257	H2AZ_Rep2_peak_28750	46
236286629	236287810	H2AZ_Rep2_peak_28752	28
236302565	236303451	H2AZ_Rep2_peak_28753	35
236377400	236378212	H2AZ_Rep2_peak_28755	121
236401764	236403935	H2AZ_Rep2_peak_28756	46
237075676	237077090	H2AZ_Rep2_peak_28760	67
237251992	237252418	H2AZ_Rep2_peak_28761	36
237475972	237477097	H2AZ_Rep2_peak_28762	39
237550891	237553316	H2AZ_Rep2_peak_28763	42
237569969	237570298	H2AZ_Rep2_peak_28764	20
237621588	237623327	H2AZ_Rep2_peak_28765	43
237626220	237627570	H2AZ_Rep2_peak_28766	45
237640427	237641186	H2AZ_Rep2_peak_28767	90
237684950	237686616	H2AZ_Rep2_peak_28770	32
237780017	237781097	H2AZ_Rep2_peak_28771	88
237783644	237784119	H2AZ_Rep2_peak_28772	26
237837272	237837572	H2AZ_Rep2_peak_28774	26
237969239	237969776	H2AZ_Rep2_peak_28777	26
237993659	237995134	H2AZ_Rep2_peak_28778	88
238093094	238093707	H2AZ_Rep2_peak_28780	25
238199927	238200524	H2AZ_Rep2_peak_28782	26
238330128	238330810	H2AZ_Rep2_peak_28783	34

238341076	238342039	H2AZ_Rep2_peak_28784	43
238364739	238365154	H2AZ_Rep2_peak_28785	20
238373594	238374860	H2AZ_Rep2_peak_28787	18
238383544	238385367	H2AZ_Rep2_peak_28788	57
238390936	238392219	H2AZ_Rep2_peak_28789	24
238409102	238411280	H2AZ_Rep2_peak_28790	97
238483673	238484641	H2AZ_Rep2_peak_28792	72
238499112	238499460	H2AZ_Rep2_peak_28793	14
238598123	238598805	H2AZ_Rep2_peak_28795	53
238831592	238833018	H2AZ_Rep2_peak_28797	46
238873079	238876561	H2AZ_Rep2_peak_28798	52
238968702	238970863	H2AZ_Rep2_peak_28799	67
239045646	239046685	H2AZ_Rep2_peak_28800	32
239050282	239051109	H2AZ_Rep2_peak_28801	34
239111750	239113094	H2AZ_Rep2_peak_28802	106
239143057	239143603	H2AZ_Rep2_peak_28803	84
239148349	239149225	H2AZ_Rep2_peak_28804	31
239196813	239200205	H2AZ_Rep2_peak_28805	20
239196813	239200205	H2AZ_Rep2_peak_28805	20
239228298	239229048	H2AZ_Rep2_peak_28807	104
239334874	239336091	H2AZ_Rep2_peak_28808	66
239347827	239348578	H2AZ_Rep2_peak_28809	64
239505779	239506567	H2AZ_Rep2_peak_28811	23
239592883	239594558	H2AZ_Rep2_peak_28812	26
239756839	239757339	H2AZ_Rep2_peak_28813	48
239896500	239897071	H2AZ_Rep2_peak_28817	125
240195533	240197933	H2AZ_Rep2_peak_28818	36
240201801	240202264	H2AZ_Rep2_peak_28819	23
240323017	240323867	H2AZ_Rep2_peak_28820	74
240386233	240387679	H2AZ_Rep2_peak_28822	113
240679408	240680818	H2AZ_Rep2_peak_28824	57
240850204	240851546	H2AZ_Rep2_peak_28825	53
240855951	240856580	H2AZ_Rep2_peak_28826	54
240866177	240867433	H2AZ_Rep2_peak_28827	41
240964060	240965297	H2AZ_Rep2_peak_28828	64
241075198	241076344	H2AZ_Rep2_peak_28829	42
241190426	241191505	H2AZ_Rep2_peak_28831	102
241307962	241310126	H2AZ_Rep2_peak_28832	44
241326749	241327453	H2AZ_Rep2_peak_28834	60
241366146	241367122	H2AZ_Rep2_peak_28835	37
241505117	241505876	H2AZ_Rep2_peak_28836	28
241507223	241508409	H2AZ_Rep2_peak_28837	24
241525361	241526820	H2AZ_Rep2_peak_28839	40

241543514	241544350	H2AZ_Rep2_peak_28840	69
241931300	241932207	H2AZ_Rep2_peak_28842	33
241937540	241937965	H2AZ_Rep2_peak_28843	50
241975709	241976731	H2AZ_Rep2_peak_28844	103
242041093	242042701	H2AZ_Rep2_peak_28845	54
242088514	242090338	H2AZ_Rep2_peak_28846	92
242157642	242158632	H2AZ_Rep2_peak_28847	61
242253249	242256023	H2AZ_Rep2_peak_28848	40
242448115	242448982	H2AZ_Rep2_peak_28850	86
242479921	242480624	H2AZ_Rep2_peak_28851	96
242495043	242495628	H2AZ_Rep2_peak_28852	60
242497733	242499594	H2AZ_Rep2_peak_28853	37
242575509	242577370	H2AZ_Rep2_peak_28854	71
242625771	242627755	H2AZ_Rep2_peak_28855	53
242673417	242675189	H2AZ_Rep2_peak_28856	44
242714111	242714945	H2AZ_Rep2_peak_28857	54
242881292	242881870	H2AZ_Rep2_peak_28859	26
242892104	242893058	H2AZ_Rep2_peak_28860	19
243006029	243006878	H2AZ_Rep2_peak_28862	34
243011002	243013343	H2AZ_Rep2_peak_28863	46
243017047	243018359	H2AZ_Rep2_peak_28864	54
118157	118679	H2AZ_Rep2_peak_28865	44
270645	271339	H2AZ_Rep2_peak_28866	36
278752	279211	H2AZ_Rep2_peak_28867	41
304376	307483	H2AZ_Rep2_peak_28868	31
328300	329447	H2AZ_Rep2_peak_28869	71
342198	344593	H2AZ_Rep2_peak_28870	39
381374	382838	H2AZ_Rep2_peak_28873	24
387875	389448	H2AZ_Rep2_peak_28874	49
400440	400980	H2AZ_Rep2_peak_28875	17
442858	443854	H2AZ_Rep2_peak_28876	42
524103	526471	H2AZ_Rep2_peak_28877	87
536490	537161	H2AZ_Rep2_peak_28878	25
632887	634956	H2AZ_Rep2_peak_28879	49
748564	749742	H2AZ_Rep2_peak_28881	69
813305	815191	H2AZ_Rep2_peak_28882	47
862150	862623	H2AZ_Rep2_peak_28883	31
1098546	1100026	H2AZ_Rep2_peak_28884	105
1206744	1207212	H2AZ_Rep2_peak_28885	44
1305575	1307011	H2AZ_Rep2_peak_28887	32
1373024	1374444	H2AZ_Rep2_peak_28888	110
1396798	1397290	H2AZ_Rep2_peak_28889	70
1446983	1448225	H2AZ_Rep2_peak_28891	59

1459099	1460069 H2AZ_Rep2_peak_28892	23
1518228	1518675 H2AZ_Rep2_peak_28894	37
1757488	1758088 H2AZ_Rep2_peak_28903	28
1809281	1809638 H2AZ_Rep2_peak_28904	65
2081637	2084177 H2AZ_Rep2_peak_28905	45
2293405	2297639 H2AZ_Rep2_peak_28907	25
2450865	2452047 H2AZ_Rep2_peak_28908	49
2488892	2490318 H2AZ_Rep2_peak_28909	181
2504825	2505679 H2AZ_Rep2_peak_28911	59
2632476	2633896 H2AZ_Rep2_peak_28912	27
2644401	2645404 H2AZ_Rep2_peak_28913	62
2820798	2822127 H2AZ_Rep2_peak_28914	88
2853607	2854839 H2AZ_Rep2_peak_28915	50
3025672	3027559 H2AZ_Rep2_peak_28916	71
3139964	3140929 H2AZ_Rep2_peak_28919	54
3153700	3155328 H2AZ_Rep2_peak_28920	84
3184233	3185422 H2AZ_Rep2_peak_28921	58
3189392	3191238 H2AZ_Rep2_peak_28922	123
3219369	3220658 H2AZ_Rep2_peak_28923	52
3451107	3452573 H2AZ_Rep2_peak_28925	33
3747748	3749827 H2AZ_Rep2_peak_28928	70
3776477	3778443 H2AZ_Rep2_peak_28931	20
3800808	3801539 H2AZ_Rep2_peak_28933	85
3826958	3828298 H2AZ_Rep2_peak_28934	33
3869303	3869778 H2AZ_Rep2_peak_28935	73
4021091	4023036 H2AZ_Rep2_peak_28939	33
4044467	4045812 H2AZ_Rep2_peak_28940	35
4062458	4063672 H2AZ_Rep2_peak_28942	26
4065649	4066422 H2AZ_Rep2_peak_28943	64
4115256	4116625 H2AZ_Rep2_peak_28948	30
4197797	4198668 H2AZ_Rep2_peak_28950	40
4536036	4536650 H2AZ_Rep2_peak_28951	16
4665438	4666878 H2AZ_Rep2_peak_28953	28
4741095	4742981 H2AZ_Rep2_peak_28954	74
4982138	4982964 H2AZ_Rep2_peak_28956	71
5041993	5043719 H2AZ_Rep2_peak_28958	20
5053561	5054988 H2AZ_Rep2_peak_28960	52
5093106	5094328 H2AZ_Rep2_peak_28962	67
5100171	5101110 H2AZ_Rep2_peak_28963	86
5106715	5108798 H2AZ_Rep2_peak_28964	80
5593408	5593758 H2AZ_Rep2_peak_28967	25
5627899	5628977 H2AZ_Rep2_peak_28970	22
5637812	5638681 H2AZ_Rep2_peak_28972	41

5730650	5731854	H2AZ_Rep2_peak_28975	44
5843918	5845574	H2AZ_Rep2_peak_28978	35
5899548	5901289	H2AZ_Rep2_peak_28979	36
5930340	5931899	H2AZ_Rep2_peak_28980	51
5986084	5987445	H2AZ_Rep2_peak_28981	37
6102348	6104568	H2AZ_Rep2_peak_28983	90
6121407	6121801	H2AZ_Rep2_peak_28984	56
6245498	6245985	H2AZ_Rep2_peak_28985	43
6446069	6447736	H2AZ_Rep2_peak_28986	17
6747892	6750398	H2AZ_Rep2_peak_28991	30
6956496	6957503	H2AZ_Rep2_peak_28992	23
6974348	6976872	H2AZ_Rep2_peak_28993	26
6990892	6991958	H2AZ_Rep2_peak_28994	37
7999408	8000590	H2AZ_Rep2_peak_28995	86
10015707	10016168	H2AZ_Rep2_peak_28996	66
10112004	10113386	H2AZ_Rep2_peak_28997	55
10152391	10153768	H2AZ_Rep2_peak_28998	103
10199187	10200078	H2AZ_Rep2_peak_28999	53
10325666	10326312	H2AZ_Rep2_peak_29000	15
10331748	10334411	H2AZ_Rep2_peak_29001	34
10340414	10340734	H2AZ_Rep2_peak_29002	17
10356885	10357369	H2AZ_Rep2_peak_29004	26
10414076	10416608	H2AZ_Rep2_peak_29005	60
10491957	10492407	H2AZ_Rep2_peak_29006	37
10652705	10656117	H2AZ_Rep2_peak_29007	61
10844833	10845446	H2AZ_Rep2_peak_29009	53
10981966	10983384	H2AZ_Rep2_peak_29010	15
11210506	11210944	H2AZ_Rep2_peak_29011	21
11248083	11248814	H2AZ_Rep2_peak_29012	13
11382695	11383157	H2AZ_Rep2_peak_29013	35
11534089	11535607	H2AZ_Rep2_peak_29014	28
11658494	11658923	H2AZ_Rep2_peak_29016	17
11696518	11697956	H2AZ_Rep2_peak_29017	22
11758380	11759632	H2AZ_Rep2_peak_29018	36
11767020	11767759	H2AZ_Rep2_peak_29019	17
11830026	11830466	H2AZ_Rep2_peak_29022	18
12390065	12390379	H2AZ_Rep2_peak_29027	19
13618822	13620257	H2AZ_Rep2_peak_29030	80
13765013	13766365	H2AZ_Rep2_peak_29031	73
13975423	13977344	H2AZ_Rep2_peak_29033	52
14200455	14201374	H2AZ_Rep2_peak_29034	36
14317773	14318337	H2AZ_Rep2_peak_29035	25
14932249	14932966	H2AZ_Rep2_peak_29037	25



15973107	15974415 H2AZ_Rep2_peak_29040	13
16508679	16508979 H2AZ_Rep2_peak_29041	25
16511045	16511376 H2AZ_Rep2_peak_29042	23
16553355	16554635 H2AZ_Rep2_peak_29043	71
16595913	16596521 H2AZ_Rep2_peak_29044	31
16709853	16711418 H2AZ_Rep2_peak_29045	165
17440452	17440961 H2AZ_Rep2_peak_29046	28
17510840	17512513 H2AZ_Rep2_peak_29048	89
17538116	17540010 H2AZ_Rep2_peak_29050	28
17543449	17543973 H2AZ_Rep2_peak_29051	55
17548718	17551079 H2AZ_Rep2_peak_29052	24
17815983	17817092 H2AZ_Rep2_peak_29054	46
17823775	17824816 H2AZ_Rep2_peak_29055	104
17854437	17855027 H2AZ_Rep2_peak_29056	29
17949260	17950323 H2AZ_Rep2_peak_29057	60
17976564	17976913 H2AZ_Rep2_peak_29058	30
18117939	18119568 H2AZ_Rep2_peak_29060	119
18204157	18206701 H2AZ_Rep2_peak_29061	73
18232478	18234703 H2AZ_Rep2_peak_29062	79
18267773	18269937 H2AZ_Rep2_peak_29063	114
18446663	18448675 H2AZ_Rep2_peak_29068	77
18477374	18478491 H2AZ_Rep2_peak_29069	90
18487461	18489237 H2AZ_Rep2_peak_29070	64
18547312	18548647 H2AZ_Rep2_peak_29071	67
18567931	18569415 H2AZ_Rep2_peak_29072	68
18774230	18775346 H2AZ_Rep2_peak_29073	94
19668588	19669103 H2AZ_Rep2_peak_29075	18
19715645	19716257 H2AZ_Rep2_peak_29077	36
19717676	19718191 H2AZ_Rep2_peak_29078	16
19765317	19765889 H2AZ_Rep2_peak_29079	28
19787522	19787887 H2AZ_Rep2_peak_29080	36
19945033	19945749 H2AZ_Rep2_peak_29083	45
19955292	19956807 H2AZ_Rep2_peak_29084	82
19997584	19998655 H2AZ_Rep2_peak_29086	47
20032406	20034228 H2AZ_Rep2_peak_29087	86
20691767	20694349 H2AZ_Rep2_peak_29088	101
20739604	20740011 H2AZ_Rep2_peak_29091	34
20804724	20806077 H2AZ_Rep2_peak_29096	20
20824598	20825211 H2AZ_Rep2_peak_29097	23
21105291	21107450 H2AZ_Rep2_peak_29098	96
21216111	21216524 H2AZ_Rep2_peak_29100	25
21283309	21284709 H2AZ_Rep2_peak_29101	40
21413513	21414691 H2AZ_Rep2_peak_29102	43

22672441	22673013	H2AZ_Rep2_peak_29104	81
22697124	22699350	H2AZ_Rep2_peak_29105	33
22743076	22744740	H2AZ_Rep2_peak_29106	39
23030262	23031293	H2AZ_Rep2_peak_29107	50
23123236	23124285	H2AZ_Rep2_peak_29108	18
23128736	23129217	H2AZ_Rep2_peak_29109	74
23136623	23137127	H2AZ_Rep2_peak_29110	44
23167672	23169304	H2AZ_Rep2_peak_29111	41
23237628	23239204	H2AZ_Rep2_peak_29113	27
23329887	23332099	H2AZ_Rep2_peak_29114	41
23338195	23338689	H2AZ_Rep2_peak_29115	45
23342022	23343475	H2AZ_Rep2_peak_29116	29
23400893	23402895	H2AZ_Rep2_peak_29117	70
23603622	23604085	H2AZ_Rep2_peak_29118	24
23618151	23618463	H2AZ_Rep2_peak_29119	33
24972661	24975352	H2AZ_Rep2_peak_29121	79
25175725	25177257	H2AZ_Rep2_peak_29124	77
25213604	25214306	H2AZ_Rep2_peak_29125	79
25217221	25219271	H2AZ_Rep2_peak_29126	35
25227645	25229666	H2AZ_Rep2_peak_29127	59
25289792	25291739	H2AZ_Rep2_peak_29128	29
25370758	25372165	H2AZ_Rep2_peak_29129	23
25387706	25389161	H2AZ_Rep2_peak_29130	91
25488522	25489297	H2AZ_Rep2_peak_29131	36
25565092	25566300	H2AZ_Rep2_peak_29133	68
25602903	25605525	H2AZ_Rep2_peak_29134	70
25676747	25678879	H2AZ_Rep2_peak_29135	46
25841680	25844703	H2AZ_Rep2_peak_29136	85
25989909	25991035	H2AZ_Rep2_peak_29137	64
29611201	29612211	H2AZ_Rep2_peak_29138	48
30090705	30091603	H2AZ_Rep2_peak_29142	63
30101600	30103021	H2AZ_Rep2_peak_29143	203
30134693	30135541	H2AZ_Rep2_peak_29144	80
30175286	30177378	H2AZ_Rep2_peak_29146	38
30200541	30201143	H2AZ_Rep2_peak_29149	14
30249042	30250161	H2AZ_Rep2_peak_29155	139
30310521	30312158	H2AZ_Rep2_peak_29157	74
30318576	30319624	H2AZ_Rep2_peak_29159	34
30326296	30328606	H2AZ_Rep2_peak_29160	147
30410151	30411403	H2AZ_Rep2_peak_29161	26
30421287	30424600	H2AZ_Rep2_peak_29163	34
30466189	30470155	H2AZ_Rep2_peak_29168	173
30539247	30540731	H2AZ_Rep2_peak_29173	145

30606318	30606677	H2AZ_Rep2_peak_29174	29
30619158	30620449	H2AZ_Rep2_peak_29177	42
30696006	30698324	H2AZ_Rep2_peak_29182	152
30794782	30797768	H2AZ_Rep2_peak_29184	150
30864241	30866152	H2AZ_Rep2_peak_29185	266
30942053	30947416	H2AZ_Rep2_peak_29187	112
30942053	30947416	H2AZ_Rep2_peak_29187	112
31061555	31065234	H2AZ_Rep2_peak_29188	160
31071219	31074487	H2AZ_Rep2_peak_29189	94
31123686	31125323	H2AZ_Rep2_peak_29200	50
31149960	31151440	H2AZ_Rep2_peak_29203	23
31171917	31172977	H2AZ_Rep2_peak_29204	61
31177035	31177716	H2AZ_Rep2_peak_29205	25
31240416	31240865	H2AZ_Rep2_peak_29209	65
31251823	31253596	H2AZ_Rep2_peak_29211	177
31254951	31257171	H2AZ_Rep2_peak_29212	22
31268755	31269685	H2AZ_Rep2_peak_29215	30
31273577	31274122	H2AZ_Rep2_peak_29216	57
31319240	31319653	H2AZ_Rep2_peak_29217	19
31330412	31333160	H2AZ_Rep2_peak_29218	107
31340283	31342123	H2AZ_Rep2_peak_29219	29
31348887	31351453	H2AZ_Rep2_peak_29220	81
31405808	31408616	H2AZ_Rep2_peak_29222	54
31597113	31597515	H2AZ_Rep2_peak_29234	22
31988517	31990407	H2AZ_Rep2_peak_29246	151
32010695	32011877	H2AZ_Rep2_peak_29247	100
32029105	32032797	H2AZ_Rep2_peak_29248	75
32076681	32078831	H2AZ_Rep2_peak_29253	98
32250751	32252634	H2AZ_Rep2_peak_29254	72
32254130	32255825	H2AZ_Rep2_peak_29255	77
32260428	32264238	H2AZ_Rep2_peak_29256	72
32273088	32276226	H2AZ_Rep2_peak_29257	88
32297644	32299477	H2AZ_Rep2_peak_29259	36
32307299	32308825	H2AZ_Rep2_peak_29261	48
32311972	32313805	H2AZ_Rep2_peak_29262	32
32319193	32322316	H2AZ_Rep2_peak_29263	87
32375627	32378667	H2AZ_Rep2_peak_29265	28
32398299	32400277	H2AZ_Rep2_peak_29268	39
32480167	32480700	H2AZ_Rep2_peak_29272	36
32496253	32497877	H2AZ_Rep2_peak_29273	115
32521218	32523517	H2AZ_Rep2_peak_29274	28
32580144	32582653	H2AZ_Rep2_peak_29276	74
32699106	32700960	H2AZ_Rep2_peak_29277	114

32717184	32717732	H2AZ_Rep2_peak_29279	50
32803684	32804119	H2AZ_Rep2_peak_29284	40
32890234	32891770	H2AZ_Rep2_peak_29285	61
32893138	32893664	H2AZ_Rep2_peak_29286	30
32899764	32904911	H2AZ_Rep2_peak_29287	92
32899764	32904911	H2AZ_Rep2_peak_29287	92
32943335	32943785	H2AZ_Rep2_peak_29290	40
32949334	32952042	H2AZ_Rep2_peak_29291	50
33102893	33104972	H2AZ_Rep2_peak_29292	120
33113779	33114414	H2AZ_Rep2_peak_29293	15
33263950	33265847	H2AZ_Rep2_peak_29298	81
33290124	33294153	H2AZ_Rep2_peak_29299	149
33296395	33299139	H2AZ_Rep2_peak_29300	143
33412384	33414043	H2AZ_Rep2_peak_29301	143
33462221	33465090	H2AZ_Rep2_peak_29303	78
33495729	33496292	H2AZ_Rep2_peak_29304	40
33542731	33544391	H2AZ_Rep2_peak_29306	164
33548386	33549067	H2AZ_Rep2_peak_29307	17
33679606	33681856	H2AZ_Rep2_peak_29308	173
33683737	33684284	H2AZ_Rep2_peak_29309	14
33734396	33736313	H2AZ_Rep2_peak_29311	188
33759252	33760555	H2AZ_Rep2_peak_29313	184
33780386	33781396	H2AZ_Rep2_peak_29314	16
33795778	33796406	H2AZ_Rep2_peak_29315	39
33803336	33803691	H2AZ_Rep2_peak_29316	44
33850876	33852768	H2AZ_Rep2_peak_29319	82
33864970	33866238	H2AZ_Rep2_peak_29321	41
33871857	33873704	H2AZ_Rep2_peak_29322	205
33891529	33896236	H2AZ_Rep2_peak_29325	26
33891529	33896236	H2AZ_Rep2_peak_29325	26
33898718	33899218	H2AZ_Rep2_peak_29326	37
33906375	33906871	H2AZ_Rep2_peak_29327	56
33999270	34001198	H2AZ_Rep2_peak_29329	187
34025896	34028429	H2AZ_Rep2_peak_29332	63
34034434	34035127	H2AZ_Rep2_peak_29334	60
34041426	34043911	H2AZ_Rep2_peak_29335	181
34127541	34130564	H2AZ_Rep2_peak_29338	161
34203355	34207748	H2AZ_Rep2_peak_29342	72
34203355	34207748	H2AZ_Rep2_peak_29342	72
34251680	34254537	H2AZ_Rep2_peak_29343	109
34286123	34287990	H2AZ_Rep2_peak_29344	173
34344697	34346408	H2AZ_Rep2_peak_29346	74
34354193	34357684	H2AZ_Rep2_peak_29347	77

34359108	34361562	H2AZ_Rep2_peak_29348	108
34458674	34459702	H2AZ_Rep2_peak_29349	38
34541328	34543791	H2AZ_Rep2_peak_29353	161
34567580	34572541	H2AZ_Rep2_peak_29354	33
34580898	34581221	H2AZ_Rep2_peak_29356	34
34605025	34606606	H2AZ_Rep2_peak_29358	39
34638401	34640115	H2AZ_Rep2_peak_29362	100
34652064	34653895	H2AZ_Rep2_peak_29363	174
34672810	34675478	H2AZ_Rep2_peak_29365	80
34679769	34682613	H2AZ_Rep2_peak_29366	176
34684900	34686689	H2AZ_Rep2_peak_29367	40
34690546	34691506	H2AZ_Rep2_peak_29368	35
34822728	34825136	H2AZ_Rep2_peak_29372	345
35088838	35090964	H2AZ_Rep2_peak_29382	187
35101003	35101522	H2AZ_Rep2_peak_29384	54
35169594	35172981	H2AZ_Rep2_peak_29387	28
35184996	35185483	H2AZ_Rep2_peak_29389	122
35200391	35204034	H2AZ_Rep2_peak_29391	75
35233149	35235411	H2AZ_Rep2_peak_29392	79
35372780	35375349	H2AZ_Rep2_peak_29395	151
35401328	35403104	H2AZ_Rep2_peak_29396	202
35436830	35437743	H2AZ_Rep2_peak_29397	42
35463758	35465564	H2AZ_Rep2_peak_29400	44
35482445	35484101	H2AZ_Rep2_peak_29401	29
35489572	35494553	H2AZ_Rep2_peak_29402	79
35489572	35494553	H2AZ_Rep2_peak_29402	79
35514352	35516328	H2AZ_Rep2_peak_29405	102
35579005	35581057	H2AZ_Rep2_peak_29406	195
35723305	35725438	H2AZ_Rep2_peak_29407	263
35805153	35809328	H2AZ_Rep2_peak_29410	92
35904746	35905713	H2AZ_Rep2_peak_29412	41
35917018	35918660	H2AZ_Rep2_peak_29414	84
35964327	35964824	H2AZ_Rep2_peak_29417	34
35971458	35972651	H2AZ_Rep2_peak_29418	37
36007453	36008015	H2AZ_Rep2_peak_29421	46
36012936	36013881	H2AZ_Rep2_peak_29422	48
36022166	36022820	H2AZ_Rep2_peak_29424	14
36032475	36035279	H2AZ_Rep2_peak_29425	123
36153482	36157770	H2AZ_Rep2_peak_29429	94
36192652	36193964	H2AZ_Rep2_peak_29431	21
36321546	36323146	H2AZ_Rep2_peak_29432	112
36661117	36662856	H2AZ_Rep2_peak_29438	165
36750307	36752088	H2AZ_Rep2_peak_29441	103

36753716	36754792	H2AZ_Rep2_peak_29442	21
36762853	36764065	H2AZ_Rep2_peak_29443	52
36771545	36773394	H2AZ_Rep2_peak_29444	73
36780012	36781854	H2AZ_Rep2_peak_29445	65
36796580	36797745	H2AZ_Rep2_peak_29447	40
36792675	36794671	H2AZ_Rep2_peak_29446	72
36801541	36802344	H2AZ_Rep2_peak_29448	68
36823930	36827234	H2AZ_Rep2_peak_29449	38
36846849	36849859	H2AZ_Rep2_peak_29452	24
36856525	36857063	H2AZ_Rep2_peak_29454	29
37063245	37065195	H2AZ_Rep2_peak_29469	107
37074123	37077103	H2AZ_Rep2_peak_29471	86
37099935	37102323	H2AZ_Rep2_peak_29474	115
37274659	37275676	H2AZ_Rep2_peak_29485	41
37376059	37377922	H2AZ_Rep2_peak_29488	295
37393496	37394099	H2AZ_Rep2_peak_29489	28
37417317	37418785	H2AZ_Rep2_peak_29490	48
37521779	37523419	H2AZ_Rep2_peak_29495	20
37552363	37557119	H2AZ_Rep2_peak_29496	90
37590148	37591730	H2AZ_Rep2_peak_29499	175
37676539	37679294	H2AZ_Rep2_peak_29500	254
38915655	38916452	H2AZ_Rep2_peak_29514	31
39120808	39123596	H2AZ_Rep2_peak_29517	14
39126575	39127578	H2AZ_Rep2_peak_29518	79
39134685	39136138	H2AZ_Rep2_peak_29519	24
39179364	39180510	H2AZ_Rep2_peak_29522	71
39190665	39194717	H2AZ_Rep2_peak_29523	95
39229176	39231457	H2AZ_Rep2_peak_29525	74
39272161	39273044	H2AZ_Rep2_peak_29529	76
39315918	39319140	H2AZ_Rep2_peak_29534	111
39572499	39573151	H2AZ_Rep2_peak_29542	20
39597438	39597992	H2AZ_Rep2_peak_29548	89
39619062	39620839	H2AZ_Rep2_peak_29549	89
39631643	39638990	H2AZ_Rep2_peak_29550	52
39631643	39638990	H2AZ_Rep2_peak_29550	52
39631643	39638990	H2AZ_Rep2_peak_29550	52
39631643	39638990	H2AZ_Rep2_peak_29550	52
39656482	39657768	H2AZ_Rep2_peak_29554	30
39762123	39767272	H2AZ_Rep2_peak_29555	97
39861013	39861899	H2AZ_Rep2_peak_29556	35
39945240	39948221	H2AZ_Rep2_peak_29557	185
39957669	39959178	H2AZ_Rep2_peak_29558	126
39968215	39970239	H2AZ_Rep2_peak_29560	176

40246046	40249803	H2AZ_Rep2_peak_29564	48
42085522	42086981	H2AZ_Rep2_peak_29597	190
42135218	42136597	H2AZ_Rep2_peak_29598	35
42141821	42144628	H2AZ_Rep2_peak_29599	192
42218575	42220279	H2AZ_Rep2_peak_29604	196
42285467	42287510	H2AZ_Rep2_peak_29605	278
42294173	42296592	H2AZ_Rep2_peak_29606	58
42372445	42376135	H2AZ_Rep2_peak_29610	41
42378337	42380745	H2AZ_Rep2_peak_29611	39
42478190	42478732	H2AZ_Rep2_peak_29617	81
42542775	42544296	H2AZ_Rep2_peak_29622	78
42582012	42585477	H2AZ_Rep2_peak_29625	37
42602490	42604254	H2AZ_Rep2_peak_29627	46
42717255	42719049	H2AZ_Rep2_peak_29633	22
42726231	42727288	H2AZ_Rep2_peak_29635	28
42765438	42766513	H2AZ_Rep2_peak_29637	54
42780017	42780893	H2AZ_Rep2_peak_29638	158
42803812	42806670	H2AZ_Rep2_peak_29639	221
42814956	42817932	H2AZ_Rep2_peak_29640	148
42838492	42840084	H2AZ_Rep2_peak_29641	42
42938516	42940359	H2AZ_Rep2_peak_29644	280
42948783	42949455	H2AZ_Rep2_peak_29645	16
42952926	42953515	H2AZ_Rep2_peak_29646	53
42999166	42999521	H2AZ_Rep2_peak_29651	36
43017072	43018251	H2AZ_Rep2_peak_29653	119
43027995	43038084	H2AZ_Rep2_peak_29655	49
43027995	43038084	H2AZ_Rep2_peak_29655	49
43070799	43072381	H2AZ_Rep2_peak_29660	98
43074228	43079643	H2AZ_Rep2_peak_29661	47
43074228	43079643	H2AZ_Rep2_peak_29661	47
43103722	43105246	H2AZ_Rep2_peak_29663	178
43150194	43152221	H2AZ_Rep2_peak_29664	147
43159829	43161811	H2AZ_Rep2_peak_29665	78
43181306	43182536	H2AZ_Rep2_peak_29666	26
43201206	43201913	H2AZ_Rep2_peak_29668	64
43204969	43205771	H2AZ_Rep2_peak_29669	88
43226884	43227490	H2AZ_Rep2_peak_29670	46
43237827	43239281	H2AZ_Rep2_peak_29673	190
43270674	43273270	H2AZ_Rep2_peak_29674	92
43279664	43281335	H2AZ_Rep2_peak_29675	122
43312059	43314407	H2AZ_Rep2_peak_29677	53
43318712	43322230	H2AZ_Rep2_peak_29678	21
43324094	43330674	H2AZ_Rep2_peak_29679	59

43324094	43330674	H2AZ_Rep2_peak_29679	59
43324094	43330674	H2AZ_Rep2_peak_29679	59
43332086	43335368	H2AZ_Rep2_peak_29680	25
43342945	43347494	H2AZ_Rep2_peak_29681	58
43342945	43347494	H2AZ_Rep2_peak_29681	58
43349090	43351782	H2AZ_Rep2_peak_29682	22
43364654	43365926	H2AZ_Rep2_peak_29685	50
43367288	43368034	H2AZ_Rep2_peak_29686	20
43373333	43376401	H2AZ_Rep2_peak_29687	73
43489937	43491064	H2AZ_Rep2_peak_29690	87
43495505	43498502	H2AZ_Rep2_peak_29691	20
43513465	43514592	H2AZ_Rep2_peak_29692	132
43538764	43540166	H2AZ_Rep2_peak_29693	34
43560544	43561111	H2AZ_Rep2_peak_29694	33
43587074	43595908	H2AZ_Rep2_peak_29695	86
43587074	43595908	H2AZ_Rep2_peak_29695	86
43716696	43717983	H2AZ_Rep2_peak_29697	26
43723606	43726110	H2AZ_Rep2_peak_29698	38
43767054	43768779	H2AZ_Rep2_peak_29702	34
43802324	43805956	H2AZ_Rep2_peak_29704	42
43846785	43847438	H2AZ_Rep2_peak_29705	41
43857926	43858794	H2AZ_Rep2_peak_29706	48
43882236	43884292	H2AZ_Rep2_peak_29707	43
43911389	43912621	H2AZ_Rep2_peak_29709	65
43918814	43919787	H2AZ_Rep2_peak_29711	102
43921680	43922758	H2AZ_Rep2_peak_29712	119
43940000	43940726	H2AZ_Rep2_peak_29715	46
43975201	43977652	H2AZ_Rep2_peak_29721	35
43986660	43988974	H2AZ_Rep2_peak_29722	37
43991135	43992788	H2AZ_Rep2_peak_29723	199
44034188	44035498	H2AZ_Rep2_peak_29725	66
44044070	44045514	H2AZ_Rep2_peak_29726	245
44065193	44066054	H2AZ_Rep2_peak_29727	142
44135766	44137326	H2AZ_Rep2_peak_29732	43
44406627	44411876	H2AZ_Rep2_peak_29737	37
44406627	44411876	H2AZ_Rep2_peak_29737	37
44420139	44421333	H2AZ_Rep2_peak_29738	141
44440597	44442109	H2AZ_Rep2_peak_29739	129
44451561	44453293	H2AZ_Rep2_peak_29740	20
44461778	44465367	H2AZ_Rep2_peak_29741	41
44485313	44486755	H2AZ_Rep2_peak_29742	188
44488396	44490529	H2AZ_Rep2_peak_29743	53
44509755	44510327	H2AZ_Rep2_peak_29744	265



44519384	44520894	H2AZ_Rep2_peak_29745	133
44533760	44535057	H2AZ_Rep2_peak_29746	27
44538390	44541194	H2AZ_Rep2_peak_29747	51
44562179	44564485	H2AZ_Rep2_peak_29750	133
44599345	44601812	H2AZ_Rep2_peak_29751	198
44621549	44627135	H2AZ_Rep2_peak_29755	54
44642548	44643399	H2AZ_Rep2_peak_29757	64
44717797	44719020	H2AZ_Rep2_peak_29760	74
44992442	44993573	H2AZ_Rep2_peak_29771	49
45029324	45030004	H2AZ_Rep2_peak_29772	20
45034295	45036369	H2AZ_Rep2_peak_29773	109
45039264	45039814	H2AZ_Rep2_peak_29774	55
45317083	45319047	H2AZ_Rep2_peak_29781	108
45323010	45323579	H2AZ_Rep2_peak_29782	22
45328210	45329430	H2AZ_Rep2_peak_29783	32
45808774	45810286	H2AZ_Rep2_peak_29800	56
45823962	45825654	H2AZ_Rep2_peak_29802	54
45833107	45834740	H2AZ_Rep2_peak_29803	36
45943321	45949129	H2AZ_Rep2_peak_29804	28
45981799	45994315	H2AZ_Rep2_peak_29808	45
45999715	46002120	H2AZ_Rep2_peak_29810	48
46011624	46013380	H2AZ_Rep2_peak_29812	54
46018435	46019055	H2AZ_Rep2_peak_29813	66
46020478	46023221	H2AZ_Rep2_peak_29814	82
46025511	46026188	H2AZ_Rep2_peak_29815	44
46046028	46047343	H2AZ_Rep2_peak_29818	43
46048642	46049050	H2AZ_Rep2_peak_29819	15
46060157	46063061	H2AZ_Rep2_peak_29822	48
46067912	46070657	H2AZ_Rep2_peak_29823	55
46081374	46086704	H2AZ_Rep2_peak_29824	61
46092852	46094506	H2AZ_Rep2_peak_29825	36
46115604	46116435	H2AZ_Rep2_peak_29827	15
46122109	46123085	H2AZ_Rep2_peak_29828	37
46129429	46131772	H2AZ_Rep2_peak_29829	111
46353934	46354606	H2AZ_Rep2_peak_29835	14
46420648	46421317	H2AZ_Rep2_peak_29840	43
46423953	46424668	H2AZ_Rep2_peak_29841	42
46429135	46430155	H2AZ_Rep2_peak_29842	49
46438565	46438982	H2AZ_Rep2_peak_29843	23
46601057	46601479	H2AZ_Rep2_peak_29850	27
47002660	47003454	H2AZ_Rep2_peak_29858	51
47230436	47233104	H2AZ_Rep2_peak_29864	39
47236785	47238719	H2AZ_Rep2_peak_29866	123

47301094	47304359 H2AZ_Rep2_peak_29869	63
47314318	47315514 H2AZ_Rep2_peak_29870	69
47443655	47449396 H2AZ_Rep2_peak_29873	71
47443655	47449396 H2AZ_Rep2_peak_29873	71
47462277	47463797 H2AZ_Rep2_peak_29874	142
47470083	47475940 H2AZ_Rep2_peak_29876	53
47486724	47487285 H2AZ_Rep2_peak_29878	69
47490452	47492902 H2AZ_Rep2_peak_29879	64
47495465	47497063 H2AZ_Rep2_peak_29880	26
47514105	47515622 H2AZ_Rep2_peak_29881	27
47520972	47522733 H2AZ_Rep2_peak_29882	39
47537013	47539182 H2AZ_Rep2_peak_29883	189
47662037	47663983 H2AZ_Rep2_peak_29884	129
47803366	47805629 H2AZ_Rep2_peak_29885	83
47833301	47836744 H2AZ_Rep2_peak_29886	127
47893557	47895225 H2AZ_Rep2_peak_29887	42
47961445	47963626 H2AZ_Rep2_peak_29890	18
47998081	47998978 H2AZ_Rep2_peak_29891	58
48002432	48004733 H2AZ_Rep2_peak_29892	26
48100783	48101286 H2AZ_Rep2_peak_29896	101
48124786	48125183 H2AZ_Rep2_peak_29897	17
48158514	48159036 H2AZ_Rep2_peak_29899	46
48177682	48179671 H2AZ_Rep2_peak_29900	27
48200326	48201619 H2AZ_Rep2_peak_29903	19
48207775	48213149 H2AZ_Rep2_peak_29904	39
48225241	48228907 H2AZ_Rep2_peak_29906	244
48225241	48228907 H2AZ_Rep2_peak_29906	244
48231317	48234537 H2AZ_Rep2_peak_29907	139
48329537	48331199 H2AZ_Rep2_peak_29910	72
48334411	48334872 H2AZ_Rep2_peak_29911	64
48358627	48360065 H2AZ_Rep2_peak_29913	53
48363042	48369665 H2AZ_Rep2_peak_29914	72
48381651	48389239 H2AZ_Rep2_peak_29917	43
48381651	48389239 H2AZ_Rep2_peak_29917	43
48391531	48393991 H2AZ_Rep2_peak_29918	38
48402331	48402634 H2AZ_Rep2_peak_29919	30
48405492	48407993 H2AZ_Rep2_peak_29920	33
48410322	48411916 H2AZ_Rep2_peak_29921	30
48427923	48430167 H2AZ_Rep2_peak_29924	121
48531263	48533271 H2AZ_Rep2_peak_29926	379
48544106	48546014 H2AZ_Rep2_peak_29929	57
48551599	48554064 H2AZ_Rep2_peak_29930	98
48581307	48582417 H2AZ_Rep2_peak_29931	30

48595353	48596339	H2AZ_Rep2_peak_29932	43
48597727	48599999	H2AZ_Rep2_peak_29933	78
48641105	48651742	H2AZ_Rep2_peak_29937	56
48641105	48651742	H2AZ_Rep2_peak_29937	56
48660263	48661516	H2AZ_Rep2_peak_29938	28
48663267	48664139	H2AZ_Rep2_peak_29939	38
48687420	48688586	H2AZ_Rep2_peak_29945	146
48729095	48730314	H2AZ_Rep2_peak_29947	59
48731727	48733507	H2AZ_Rep2_peak_29948	164
48737478	48737889	H2AZ_Rep2_peak_29949	44
48767689	48771199	H2AZ_Rep2_peak_29952	107
48778742	48780829	H2AZ_Rep2_peak_29954	109
48782222	48783234	H2AZ_Rep2_peak_29955	53
48788266	48789889	H2AZ_Rep2_peak_29956	259
48802581	48808533	H2AZ_Rep2_peak_29958	65
48835872	48839098	H2AZ_Rep2_peak_29960	97
48840589	48843521	H2AZ_Rep2_peak_29961	17
48861885	48864604	H2AZ_Rep2_peak_29964	33
48874280	48878979	H2AZ_Rep2_peak_29966	55
48882355	48885051	H2AZ_Rep2_peak_29967	110
48893141	48910180	H2AZ_Rep2_peak_29969	70
48893141	48910180	H2AZ_Rep2_peak_29969	70
48893141	48910180	H2AZ_Rep2_peak_29969	70
48920329	48923626	H2AZ_Rep2_peak_29971	71
48924874	48930903	H2AZ_Rep2_peak_29972	62
48924874	48930903	H2AZ_Rep2_peak_29972	62
48936989	48939062	H2AZ_Rep2_peak_29973	92
48948327	48951859	H2AZ_Rep2_peak_29974	44
48959707	48963347	H2AZ_Rep2_peak_29975	43
48985880	48986465	H2AZ_Rep2_peak_29979	26
48988641	48990638	H2AZ_Rep2_peak_29980	31
48993076	48994048	H2AZ_Rep2_peak_29981	61
48995584	48996508	H2AZ_Rep2_peak_29982	40
49011083	49012144	H2AZ_Rep2_peak_29985	42
49015387	49017295	H2AZ_Rep2_peak_29986	24
49031362	49032779	H2AZ_Rep2_peak_29989	180
49038736	49040915	H2AZ_Rep2_peak_29991	57
49042698	49045079	H2AZ_Rep2_peak_29992	37
49055597	49058260	H2AZ_Rep2_peak_29995	24
49067511	49068636	H2AZ_Rep2_peak_29997	225
49076802	49077570	H2AZ_Rep2_peak_29998	25
49080538	49081296	H2AZ_Rep2_peak_29999	85
49094624	49095413	H2AZ_Rep2_peak_30001	106

49099882	49101148	H2AZ_Rep2_peak_30002	66
49113178	49113907	H2AZ_Rep2_peak_30004	23
49116143	49117153	H2AZ_Rep2_peak_30005	55
49119298	49120414	H2AZ_Rep2_peak_30006	28
49124751	49127957	H2AZ_Rep2_peak_30007	85
49177554	49178608	H2AZ_Rep2_peak_30009	34
49241974	49243298	H2AZ_Rep2_peak_30012	92
49244706	49247883	H2AZ_Rep2_peak_30013	94
49251965	49254754	H2AZ_Rep2_peak_30014	134
49257924	49259071	H2AZ_Rep2_peak_30015	43
49261602	49262837	H2AZ_Rep2_peak_30016	205
49265266	49266898	H2AZ_Rep2_peak_30017	59
49276272	49280986	H2AZ_Rep2_peak_30018	81
49284175	49287511	H2AZ_Rep2_peak_30019	74
49294934	49295504	H2AZ_Rep2_peak_30021	54
49305208	49307785	H2AZ_Rep2_peak_30023	30
49326147	49328068	H2AZ_Rep2_peak_30024	168
49334083	49335218	H2AZ_Rep2_peak_30025	17
49341079	49341959	H2AZ_Rep2_peak_30028	46
49346693	49349125	H2AZ_Rep2_peak_30029	93
49377685	49381069	H2AZ_Rep2_peak_30030	71
49404722	49409693	H2AZ_Rep2_peak_30032	100
49404722	49409693	H2AZ_Rep2_peak_30032	100
49411310	49411885	H2AZ_Rep2_peak_30033	37
49434206	49435587	H2AZ_Rep2_peak_30036	210
49454666	49455774	H2AZ_Rep2_peak_30040	55
49460057	49462437	H2AZ_Rep2_peak_30041	44
49464620	49466112	H2AZ_Rep2_peak_30042	173
49574422	49576009	H2AZ_Rep2_peak_30046	186
49838209	49839073	H2AZ_Rep2_peak_30059	116
49923098	49923667	H2AZ_Rep2_peak_30065	37
49966713	49967968	H2AZ_Rep2_peak_30069	32
49982665	49983725	H2AZ_Rep2_peak_30071	39
49988720	49990354	H2AZ_Rep2_peak_30072	13
50072788	50074329	H2AZ_Rep2_peak_30076	100
50104298	50104735	H2AZ_Rep2_peak_30079	91
50148142	50150457	H2AZ_Rep2_peak_30080	43
50178876	50179870	H2AZ_Rep2_peak_30082	87
50210195	50212254	H2AZ_Rep2_peak_30084	53
50246519	50248616	H2AZ_Rep2_peak_30086	66
50267224	50267566	H2AZ_Rep2_peak_30087	30
50303672	50305440	H2AZ_Rep2_peak_30088	76
50358764	50359977	H2AZ_Rep2_peak_30089	49

50366536	50369525 H2AZ_Rep2_peak_30090	113
50383374	50385959 H2AZ_Rep2_peak_30091	135
50416632	50419693 H2AZ_Rep2_peak_30092	113
50426758	50427773 H2AZ_Rep2_peak_30093	30
50476295	50477115 H2AZ_Rep2_peak_30094	32
50519745	50521013 H2AZ_Rep2_peak_30095	24
50526775	50529573 H2AZ_Rep2_peak_30096	31
50534559	50534972 H2AZ_Rep2_peak_30097	20
50543229	50544114 H2AZ_Rep2_peak_30098	45
50547303	50548200 H2AZ_Rep2_peak_30099	19
50550888	50551645 H2AZ_Rep2_peak_30100	19
50588719	50589842 H2AZ_Rep2_peak_30104	17
50601935	50602692 H2AZ_Rep2_peak_30105	95
50647086	50650103 H2AZ_Rep2_peak_30109	54
50656480	50657207 H2AZ_Rep2_peak_30110	18
50677437	50678070 H2AZ_Rep2_peak_30111	95
50806945	50809663 H2AZ_Rep2_peak_30114	208
51588305	51590379 H2AZ_Rep2_peak_30123	46
51696880	51698401 H2AZ_Rep2_peak_30126	38
51778179	51779335 H2AZ_Rep2_peak_30128	60
51832850	51834042 H2AZ_Rep2_peak_30131	26
52163840	52164815 H2AZ_Rep2_peak_30136	20
52222889	52223436 H2AZ_Rep2_peak_30139	48
52225060	52228357 H2AZ_Rep2_peak_30140	63
52237649	52240844 H2AZ_Rep2_peak_30141	57
52258799	52260311 H2AZ_Rep2_peak_30143	79
52308113	52308570 H2AZ_Rep2_peak_30145	26
52367578	52371333 H2AZ_Rep2_peak_30150	58
52388878	52391616 H2AZ_Rep2_peak_30151	20
52444636	52447351 H2AZ_Rep2_peak_30155	42
52482490	52483710 H2AZ_Rep2_peak_30158	15
52486130	52486549 H2AZ_Rep2_peak_30159	52
52522538	52525907 H2AZ_Rep2_peak_30164	33
52531282	52534455 H2AZ_Rep2_peak_30166	107
52543355	52544271 H2AZ_Rep2_peak_30169	39
52555820	52557120 H2AZ_Rep2_peak_30170	51
52563961	52566857 H2AZ_Rep2_peak_30171	32
52683010	52685267 H2AZ_Rep2_peak_30173	32
52739481	52741759 H2AZ_Rep2_peak_30179	33
52748316	52750229 H2AZ_Rep2_peak_30180	67
52790320	52791612 H2AZ_Rep2_peak_30182	31
52824244	52825614 H2AZ_Rep2_peak_30185	212
52956710	52957538 H2AZ_Rep2_peak_30187	19

54932986	54935268	H2AZ_Rep2_peak_30207	145
54966343	54968319	H2AZ_Rep2_peak_30208	124
54997237	54998257	H2AZ_Rep2_peak_30210	27
55042964	55044155	H2AZ_Rep2_peak_30216	167
55179453	55180768	H2AZ_Rep2_peak_30220	32
55203280	55205645	H2AZ_Rep2_peak_30222	123
55264078	55266837	H2AZ_Rep2_peak_30224	76
55285923	55287459	H2AZ_Rep2_peak_30226	73
55305833	55307243	H2AZ_Rep2_peak_30229	44
55326906	55327609	H2AZ_Rep2_peak_30232	43
55351604	55351904	H2AZ_Rep2_peak_30234	22
55353596	55354572	H2AZ_Rep2_peak_30235	83
55356028	55357838	H2AZ_Rep2_peak_30236	75
55361483	55364558	H2AZ_Rep2_peak_30237	34
55371241	55372451	H2AZ_Rep2_peak_30238	17
55401972	55402533	H2AZ_Rep2_peak_30243	31
55449569	55450663	H2AZ_Rep2_peak_30248	78
55508037	55508562	H2AZ_Rep2_peak_30251	24
55530813	55531360	H2AZ_Rep2_peak_30253	43
55547038	55551784	H2AZ_Rep2_peak_30254	50
55562982	55563690	H2AZ_Rep2_peak_30255	126
55568480	55571249	H2AZ_Rep2_peak_30256	51
55580412	55582131	H2AZ_Rep2_peak_30259	17
55606108	55606939	H2AZ_Rep2_peak_30261	55
55614915	55616528	H2AZ_Rep2_peak_30263	26
55621958	55624709	H2AZ_Rep2_peak_30265	170
55635588	55637544	H2AZ_Rep2_peak_30267	66
55648861	55652233	H2AZ_Rep2_peak_30270	145
55664327	55665135	H2AZ_Rep2_peak_30271	53
55666755	55667922	H2AZ_Rep2_peak_30272	48
55753708	55754143	H2AZ_Rep2_peak_30278	16
55925677	55927934	H2AZ_Rep2_peak_30284	114
55962625	55967000	H2AZ_Rep2_peak_30285	72
56007617	56008575	H2AZ_Rep2_peak_30288	68
56013510	56014939	H2AZ_Rep2_peak_30289	24
56048412	56048954	H2AZ_Rep2_peak_30293	42
56070075	56070523	H2AZ_Rep2_peak_30295	51
56283666	56287034	H2AZ_Rep2_peak_30300	122
56292820	56294284	H2AZ_Rep2_peak_30301	76
56322237	56324347	H2AZ_Rep2_peak_30303	68
56385428	56386660	H2AZ_Rep2_peak_30307	19
56754331	56754928	H2AZ_Rep2_peak_30327	54
56784801	56785556	H2AZ_Rep2_peak_30329	19

56791358	56797309	H2AZ_Rep2_peak_30330	29
56811558	56813043	H2AZ_Rep2_peak_30332	71
56882076	56885699	H2AZ_Rep2_peak_30333	84
56963753	56965094	H2AZ_Rep2_peak_30335	66
57195798	57202410	H2AZ_Rep2_peak_30342	49
57225655	57227796	H2AZ_Rep2_peak_30345	72
57266859	57270186	H2AZ_Rep2_peak_30346	148
57462795	57467582	H2AZ_Rep2_peak_30352	82
57462795	57467582	H2AZ_Rep2_peak_30352	82
57555597	57557180	H2AZ_Rep2_peak_30353	120
57580603	57583172	H2AZ_Rep2_peak_30354	65
57606562	57608008	H2AZ_Rep2_peak_30357	81
57617124	57619253	H2AZ_Rep2_peak_30358	105
57637196	57639519	H2AZ_Rep2_peak_30360	33
58514224	58516470	H2AZ_Rep2_peak_30378	221
58632390	58633339	H2AZ_Rep2_peak_30384	24
60640633	60642298	H2AZ_Rep2_peak_30431	54
60695331	60698035	H2AZ_Rep2_peak_30437	78
60718024	60719698	H2AZ_Rep2_peak_30438	42
60757328	60758927	H2AZ_Rep2_peak_30439	108
60803341	60805445	H2AZ_Rep2_peak_30440	14
60812392	60814326	H2AZ_Rep2_peak_30441	67
60876965	60878641	H2AZ_Rep2_peak_30442	49
60942581	60946033	H2AZ_Rep2_peak_30444	47
60961191	60962798	H2AZ_Rep2_peak_30447	35
60981756	60983497	H2AZ_Rep2_peak_30448	87
60984707	60985860	H2AZ_Rep2_peak_30449	86
61064492	61065179	H2AZ_Rep2_peak_30454	51
61074769	61076003	H2AZ_Rep2_peak_30455	62
61186905	61190365	H2AZ_Rep2_peak_30458	89
61199629	61201777	H2AZ_Rep2_peak_30461	88
61273015	61274144	H2AZ_Rep2_peak_30463	30
61334636	61337469	H2AZ_Rep2_peak_30466	48
61370413	61373716	H2AZ_Rep2_peak_30472	79
61406651	61409134	H2AZ_Rep2_peak_30475	107
61421147	61428046	H2AZ_Rep2_peak_30477	47
61435634	61437223	H2AZ_Rep2_peak_30478	71
61446523	61447230	H2AZ_Rep2_peak_30479	29
61449567	61452044	H2AZ_Rep2_peak_30480	65
61463290	61464913	H2AZ_Rep2_peak_30482	101
61491901	61494264	H2AZ_Rep2_peak_30484	53
61504839	61507968	H2AZ_Rep2_peak_30485	72
61556966	61558131	H2AZ_Rep2_peak_30486	30

61568500	61571161	H2AZ_Rep2_peak_30487	96
61602871	61604242	H2AZ_Rep2_peak_30489	72
61722259	61723877	H2AZ_Rep2_peak_30496	53
61727353	61728440	H2AZ_Rep2_peak_30497	81
61757581	61758328	H2AZ_Rep2_peak_30500	26
61846613	61848665	H2AZ_Rep2_peak_30504	70
61854102	61858486	H2AZ_Rep2_peak_30505	96
61861014	61866196	H2AZ_Rep2_peak_30506	61
61903041	61905056	H2AZ_Rep2_peak_30507	54
62114489	62114958	H2AZ_Rep2_peak_30513	45
62129360	62129924	H2AZ_Rep2_peak_30514	39
62151380	62151890	H2AZ_Rep2_peak_30516	65
62165026	62170060	H2AZ_Rep2_peak_30517	72
62171636	62172057	H2AZ_Rep2_peak_30518	16
62173354	62173818	H2AZ_Rep2_peak_30519	37
62176665	62177423	H2AZ_Rep2_peak_30520	50
62183914	62185486	H2AZ_Rep2_peak_30521	78
62205656	62208012	H2AZ_Rep2_peak_30522	108
62257381	62260221	H2AZ_Rep2_peak_30524	59
62288669	62290621	H2AZ_Rep2_peak_30529	164
62317855	62318631	H2AZ_Rep2_peak_30530	55
62338324	62339996	H2AZ_Rep2_peak_30531	38
62371807	62373031	H2AZ_Rep2_peak_30533	51
62403994	62405015	H2AZ_Rep2_peak_30534	51
62465026	62467143	H2AZ_Rep2_peak_30537	57
62475152	62475524	H2AZ_Rep2_peak_30538	30
62477433	62478868	H2AZ_Rep2_peak_30539	99
62494853	62497282	H2AZ_Rep2_peak_30540	74
62587067	62588986	H2AZ_Rep2_peak_30542	57
62600284	62602080	H2AZ_Rep2_peak_30543	26
62609703	62612997	H2AZ_Rep2_peak_30545	80
62669727	62671001	H2AZ_Rep2_peak_30546	113
62675759	62677659	H2AZ_Rep2_peak_30548	64
62680591	62681965	H2AZ_Rep2_peak_30549	39
62688496	62689816	H2AZ_Rep2_peak_30551	34
62693762	62697304	H2AZ_Rep2_peak_30552	61
62710387	62711859	H2AZ_Rep2_peak_30554	64
62751246	62752095	H2AZ_Rep2_peak_30557	53
62762708	62763197	H2AZ_Rep2_peak_30558	20
62886195	62888016	H2AZ_Rep2_peak_30563	128
9594194	9594737	H2AZ_Rep2_peak_30565	85
15351980	15353131	H2AZ_Rep2_peak_30571	20
15357862	15359921	H2AZ_Rep2_peak_30572	23



15399381	15400129	H2AZ_Rep2_peak_30573	54
15626069	15626495	H2AZ_Rep2_peak_30575	36
15678447	15678830	H2AZ_Rep2_peak_30576	36
15755002	15756719	H2AZ_Rep2_peak_30581	119
15974705	15975901	H2AZ_Rep2_peak_30583	15
16048101	16049058	H2AZ_Rep2_peak_30585	21
16050466	16051866	H2AZ_Rep2_peak_30586	18
16436271	16438540	H2AZ_Rep2_peak_30592	73
16493770	16494415	H2AZ_Rep2_peak_30593	43
17054479	17055220	H2AZ_Rep2_peak_30605	50
17101679	17103189	H2AZ_Rep2_peak_30606	60
17419148	17419503	H2AZ_Rep2_peak_30608	25
17497112	17497905	H2AZ_Rep2_peak_30609	20
17531250	17533114	H2AZ_Rep2_peak_30610	30
17541820	17543384	H2AZ_Rep2_peak_30611	54
17551827	17552962	H2AZ_Rep2_peak_30612	100
17566329	17567528	H2AZ_Rep2_peak_30613	34
17791340	17792336	H2AZ_Rep2_peak_30615	41
17959460	17961107	H2AZ_Rep2_peak_30616	38
18823616	18824116	H2AZ_Rep2_peak_30618	16
18864249	18865226	H2AZ_Rep2_peak_30619	28
18883148	18886109	H2AZ_Rep2_peak_30620	55
18983664	18986041	H2AZ_Rep2_peak_30621	49
19060896	19063306	H2AZ_Rep2_peak_30623	68
19190570	19192736	H2AZ_Rep2_peak_30624	97
19815573	19816327	H2AZ_Rep2_peak_30626	27
20144531	20146163	H2AZ_Rep2_peak_30635	21
20212598	20213203	H2AZ_Rep2_peak_30636	34
20359996	20360347	H2AZ_Rep2_peak_30643	21
22869379	22870021	H2AZ_Rep2_peak_30653	22
23947426	23948471	H2AZ_Rep2_peak_30656	26
24257439	24258901	H2AZ_Rep2_peak_30660	14
24263303	24265147	H2AZ_Rep2_peak_30661	15
25259472	25260798	H2AZ_Rep2_peak_30664	79
25263021	25263366	H2AZ_Rep2_peak_30665	31
25341096	25341846	H2AZ_Rep2_peak_30667	49
25800686	25801232	H2AZ_Rep2_peak_30670	43
26066014	26067486	H2AZ_Rep2_peak_30672	13
26979074	26981245	H2AZ_Rep2_peak_30677	151
27106390	27108936	H2AZ_Rep2_peak_30679	105
27162543	27163139	H2AZ_Rep2_peak_30680	51
27541355	27544115	H2AZ_Rep2_peak_30681	76
27777843	27778892	H2AZ_Rep2_peak_30682	104

27867494	27868183	H2AZ_Rep2_peak_30683	31
28088331	28088762	H2AZ_Rep2_peak_30684	32
28167710	28169574	H2AZ_Rep2_peak_30686	39
28177177	28177599	H2AZ_Rep2_peak_30687	21
28185950	28187991	H2AZ_Rep2_peak_30689	21
28215438	28218459	H2AZ_Rep2_peak_30692	117
28289392	28290621	H2AZ_Rep2_peak_30693	14
28339003	28340474	H2AZ_Rep2_peak_30694	151
28415772	28420043	H2AZ_Rep2_peak_30696	33
29149432	29149753	H2AZ_Rep2_peak_30702	24
29391074	29391987	H2AZ_Rep2_peak_30703	66
29461997	29463029	H2AZ_Rep2_peak_30704	35
29889462	29889762	H2AZ_Rep2_peak_30711	38
30005178	30006955	H2AZ_Rep2_peak_30712	26
30008524	30009777	H2AZ_Rep2_peak_30713	45
30117531	30118165	H2AZ_Rep2_peak_30715	79
30257062	30258354	H2AZ_Rep2_peak_30717	132
30364419	30366398	H2AZ_Rep2_peak_30721	110
30374678	30375545	H2AZ_Rep2_peak_30722	116
30391183	30392389	H2AZ_Rep2_peak_30723	93
30396491	30397844	H2AZ_Rep2_peak_30724	63
30445421	30446623	H2AZ_Rep2_peak_30725	72
30448249	30452824	H2AZ_Rep2_peak_30726	30
30476819	30477628	H2AZ_Rep2_peak_30728	22
30534860	30536785	H2AZ_Rep2_peak_30731	18
30547059	30549254	H2AZ_Rep2_peak_30732	17
30555189	30556688	H2AZ_Rep2_peak_30733	22
30590954	30592087	H2AZ_Rep2_peak_30738	39
30598634	30599480	H2AZ_Rep2_peak_30739	16
30603175	30606735	H2AZ_Rep2_peak_30740	42
30617433	30618046	H2AZ_Rep2_peak_30742	39
30628316	30628981	H2AZ_Rep2_peak_30743	24
30630958	30633118	H2AZ_Rep2_peak_30744	18
31028872	31029192	H2AZ_Rep2_peak_30747	17
33031108	33032878	H2AZ_Rep2_peak_30754	75
33103956	33105533	H2AZ_Rep2_peak_30755	130
33650484	33652307	H2AZ_Rep2_peak_30758	131
33764613	33766202	H2AZ_Rep2_peak_30759	101
33783428	33786511	H2AZ_Rep2_peak_30762	57
33941347	33943098	H2AZ_Rep2_peak_30769	236
33983944	33986087	H2AZ_Rep2_peak_30770	199
33997001	33997460	H2AZ_Rep2_peak_30771	32
34098909	34101219	H2AZ_Rep2_peak_30772	86

34143141	34145285	H2AZ_Rep2_peak_30773	56
34256542	34260269	H2AZ_Rep2_peak_30778	25
34575232	34577391	H2AZ_Rep2_peak_30781	36
34601628	34603455	H2AZ_Rep2_peak_30783	80
34638209	34639649	H2AZ_Rep2_peak_30784	63
34658508	34659589	H2AZ_Rep2_peak_30785	33
34671463	34674396	H2AZ_Rep2_peak_30786	20
34671463	34674396	H2AZ_Rep2_peak_30786	20
34696446	34698110	H2AZ_Rep2_peak_30787	215
34733216	34734524	H2AZ_Rep2_peak_30788	24
34751943	34757722	H2AZ_Rep2_peak_30790	113
34751943	34757722	H2AZ_Rep2_peak_30790	113
34775949	34776908	H2AZ_Rep2_peak_30792	70
34850798	34853134	H2AZ_Rep2_peak_30793	109
34863083	34864610	H2AZ_Rep2_peak_30794	257
34913846	34915587	H2AZ_Rep2_peak_30796	38
34960064	34961707	H2AZ_Rep2_peak_30797	91
35013327	35016417	H2AZ_Rep2_peak_30798	78
35266925	35267705	H2AZ_Rep2_peak_30801	32
35287293	35290069	H2AZ_Rep2_peak_30802	119
35295202	35297259	H2AZ_Rep2_peak_30803	23
35318438	35321712	H2AZ_Rep2_peak_30805	64
35340309	35341748	H2AZ_Rep2_peak_30807	121
35402532	35404508	H2AZ_Rep2_peak_30811	44
35444739	35446853	H2AZ_Rep2_peak_30814	89
35573840	35574576	H2AZ_Rep2_peak_30815	15
35733373	35734913	H2AZ_Rep2_peak_30816	71
35746976	35748769	H2AZ_Rep2_peak_30817	158
35854993	35856539	H2AZ_Rep2_peak_30823	53
35898847	35899588	H2AZ_Rep2_peak_30824	33
35986516	35988826	H2AZ_Rep2_peak_30826	72
36012537	36013351	H2AZ_Rep2_peak_30827	33
36019571	36020662	H2AZ_Rep2_peak_30828	36
36143803	36144446	H2AZ_Rep2_peak_30833	72
36167378	36168485	H2AZ_Rep2_peak_30834	53
36179964	36181089	H2AZ_Rep2_peak_30835	74
36207797	36209653	H2AZ_Rep2_peak_30837	40
36236093	36236517	H2AZ_Rep2_peak_30839	18
36258826	36262275	H2AZ_Rep2_peak_30840	32
36258826	36262275	H2AZ_Rep2_peak_30840	32
36354300	36356105	H2AZ_Rep2_peak_30843	23
36386832	36387339	H2AZ_Rep2_peak_30845	61
36418572	36421186	H2AZ_Rep2_peak_30846	71

36422773	36424147	H2AZ_Rep2_peak_30847	52
36508707	36509495	H2AZ_Rep2_peak_30849	105
36597908	36600146	H2AZ_Rep2_peak_30850	37
36637618	36638093	H2AZ_Rep2_peak_30852	28
37116511	37119890	H2AZ_Rep2_peak_30863	28
37297317	37299835	H2AZ_Rep2_peak_30869	17
37431981	37433279	H2AZ_Rep2_peak_30873	166
37438068	37439911	H2AZ_Rep2_peak_30875	38
37441621	37443042	H2AZ_Rep2_peak_30876	184
37470245	37471543	H2AZ_Rep2_peak_30878	28
37484720	37487215	H2AZ_Rep2_peak_30880	68
37506473	37508490	H2AZ_Rep2_peak_30882	148
37528237	37529987	H2AZ_Rep2_peak_30883	94
37560336	37560909	H2AZ_Rep2_peak_30884	17
37574394	37574927	H2AZ_Rep2_peak_30885	22
37631961	37633144	H2AZ_Rep2_peak_30886	120
37670282	37670832	H2AZ_Rep2_peak_30887	51
37691626	37694374	H2AZ_Rep2_peak_30888	44
37756929	37758580	H2AZ_Rep2_peak_30889	57
37801097	37803656	H2AZ_Rep2_peak_30892	65
38004651	38005600	H2AZ_Rep2_peak_30899	22
38012005	38013777	H2AZ_Rep2_peak_30900	34
38019799	38020564	H2AZ_Rep2_peak_30901	67
38070251	38074251	H2AZ_Rep2_peak_30903	57
38158317	38160998	H2AZ_Rep2_peak_30904	51
38338022	38339926	H2AZ_Rep2_peak_30907	43
38360863	38363324	H2AZ_Rep2_peak_30909	151
38381822	38383271	H2AZ_Rep2_peak_30910	129
38419122	38419696	H2AZ_Rep2_peak_30912	58
38443642	38446847	H2AZ_Rep2_peak_30913	156
38638959	38640690	H2AZ_Rep2_peak_30914	52
38710758	38711499	H2AZ_Rep2_peak_30917	59
38737744	38738325	H2AZ_Rep2_peak_30919	60
38903919	38906179	H2AZ_Rep2_peak_30920	80
38918918	38920085	H2AZ_Rep2_peak_30921	95
38935584	38937676	H2AZ_Rep2_peak_30922	190
39399406	39401593	H2AZ_Rep2_peak_30930	22
39508507	39508875	H2AZ_Rep2_peak_30934	41
39512122	39513394	H2AZ_Rep2_peak_30935	14
39541917	39544478	H2AZ_Rep2_peak_30938	41
39550263	39552147	H2AZ_Rep2_peak_30939	46
39686492	39687278	H2AZ_Rep2_peak_30943	21
39723176	39725620	H2AZ_Rep2_peak_30947	22

39727866	39728693	H2AZ_Rep2_peak_30948	54
39806917	39807586	H2AZ_Rep2_peak_30950	41
39809367	39813237	H2AZ_Rep2_peak_30951	19
39846142	39847090	H2AZ_Rep2_peak_30952	15
40144831	40146008	H2AZ_Rep2_peak_30957	116
40159288	40160578	H2AZ_Rep2_peak_30958	102
40168848	40172848	H2AZ_Rep2_peak_30959	34
40176588	40177626	H2AZ_Rep2_peak_30960	84
40209980	40212735	H2AZ_Rep2_peak_30961	58
40219567	40221165	H2AZ_Rep2_peak_30962	30
40277884	40279065	H2AZ_Rep2_peak_30967	35
40280365	40283403	H2AZ_Rep2_peak_30968	47
40284832	40289162	H2AZ_Rep2_peak_30969	39
40290441	40293939	H2AZ_Rep2_peak_30970	30
40392491	40395684	H2AZ_Rep2_peak_30976	98
40392491	40395684	H2AZ_Rep2_peak_30976	98
40509702	40510517	H2AZ_Rep2_peak_30984	15
40554541	40556183	H2AZ_Rep2_peak_30987	80
40685519	40686769	H2AZ_Rep2_peak_30988	70
40692144	40693680	H2AZ_Rep2_peak_30989	17
40720207	40722088	H2AZ_Rep2_peak_30990	125
40745684	40746360	H2AZ_Rep2_peak_30993	47
40749285	40750233	H2AZ_Rep2_peak_30994	34
40751442	40753259	H2AZ_Rep2_peak_30995	83
40759027	40760825	H2AZ_Rep2_peak_30996	110
40816618	40818415	H2AZ_Rep2_peak_30997	136
42608101	42608780	H2AZ_Rep2_peak_31008	34
42737845	42739831	H2AZ_Rep2_peak_31010	42
42768478	42769078	H2AZ_Rep2_peak_31011	42
42791842	42794129	H2AZ_Rep2_peak_31014	60
42817498	42819288	H2AZ_Rep2_peak_31015	24
43032486	43033367	H2AZ_Rep2_peak_31018	27
43050276	43051060	H2AZ_Rep2_peak_31019	20
43061314	43062933	H2AZ_Rep2_peak_31020	39
43098116	43099782	H2AZ_Rep2_peak_31023	168
43102013	43106127	H2AZ_Rep2_peak_31024	51
43135488	43136383	H2AZ_Rep2_peak_31026	15
43146964	43147795	H2AZ_Rep2_peak_31027	57
43181208	43182483	H2AZ_Rep2_peak_31028	56
43186882	43189164	H2AZ_Rep2_peak_31029	46
43206422	43207095	H2AZ_Rep2_peak_31031	34
43298261	43300844	H2AZ_Rep2_peak_31032	68
43372987	43375473	H2AZ_Rep2_peak_31033	62

43377293	43378838	H2AZ_Rep2_peak_31034	66
43429055	43432946	H2AZ_Rep2_peak_31036	50
43513745	43514621	H2AZ_Rep2_peak_31040	38
43517365	43519449	H2AZ_Rep2_peak_31041	35
43527631	43528634	H2AZ_Rep2_peak_31043	55
43591523	43592071	H2AZ_Rep2_peak_31049	54
43611208	43615985	H2AZ_Rep2_peak_31052	40
43611208	43615985	H2AZ_Rep2_peak_31052	40
43618911	43622633	H2AZ_Rep2_peak_31053	23
43628006	43630471	H2AZ_Rep2_peak_31054	28
43639036	43640854	H2AZ_Rep2_peak_31055	31
43653283	43655512	H2AZ_Rep2_peak_31057	47
43729383	43730610	H2AZ_Rep2_peak_31059	49
43771073	43771694	H2AZ_Rep2_peak_31062	46
43783448	43787962	H2AZ_Rep2_peak_31063	46
43783448	43787962	H2AZ_Rep2_peak_31063	46
43815275	43818983	H2AZ_Rep2_peak_31065	52
43831412	43836494	H2AZ_Rep2_peak_31066	156
43831412	43836494	H2AZ_Rep2_peak_31066	156
43867977	43870752	H2AZ_Rep2_peak_31068	31
43893830	43894975	H2AZ_Rep2_peak_31071	75
43902402	43902837	H2AZ_Rep2_peak_31072	33
43915309	43918436	H2AZ_Rep2_peak_31074	90
43933258	43935375	H2AZ_Rep2_peak_31075	82
43937870	43938930	H2AZ_Rep2_peak_31076	67
44033657	44035862	H2AZ_Rep2_peak_31078	124
44092435	44093431	H2AZ_Rep2_peak_31085	26
44141163	44145070	H2AZ_Rep2_peak_31087	45
44298665	44300153	H2AZ_Rep2_peak_31089	117
44311026	44314187	H2AZ_Rep2_peak_31090	96
44343654	44345855	H2AZ_Rep2_peak_31091	54
44357380	44357688	H2AZ_Rep2_peak_31093	22
44375401	44375925	H2AZ_Rep2_peak_31094	56
44377601	44379321	H2AZ_Rep2_peak_31095	20
44391284	44395843	H2AZ_Rep2_peak_31097	66
44391284	44395843	H2AZ_Rep2_peak_31097	66
44465205	44467549	H2AZ_Rep2_peak_31099	50
44494512	44496024	H2AZ_Rep2_peak_31101	87
44526994	44529386	H2AZ_Rep2_peak_31102	62
44558845	44559241	H2AZ_Rep2_peak_31103	19
44579934	44582753	H2AZ_Rep2_peak_31104	121
44596287	44600146	H2AZ_Rep2_peak_31105	49
44628638	44632384	H2AZ_Rep2_peak_31107	60

44726843	44727716 H2AZ_Rep2_peak_31109	106
44731283	44734357 H2AZ_Rep2_peak_31110	43
44750683	44754374 H2AZ_Rep2_peak_31111	44
44759853	44763593 H2AZ_Rep2_peak_31112	40
44759853	44763593 H2AZ_Rep2_peak_31112	40
44765254	44766651 H2AZ_Rep2_peak_31113	44
44791737	44793623 H2AZ_Rep2_peak_31115	28
44796046	44797273 H2AZ_Rep2_peak_31116	111
44815861	44818271 H2AZ_Rep2_peak_31118	68
44830109	44830835 H2AZ_Rep2_peak_31119	48
44866612	44867096 H2AZ_Rep2_peak_31121	34
44912350	44914953 H2AZ_Rep2_peak_31126	44
44917940	44919935 H2AZ_Rep2_peak_31127	99
44921697	44923356 H2AZ_Rep2_peak_31128	18
44936404	44938447 H2AZ_Rep2_peak_31129	20
45029431	45029950 H2AZ_Rep2_peak_31134	70
45064584	45065974 H2AZ_Rep2_peak_31135	29
45078674	45080161 H2AZ_Rep2_peak_31136	77
45130847	45132998 H2AZ_Rep2_peak_31138	67
45138304	45139432 H2AZ_Rep2_peak_31139	32
45187615	45189056 H2AZ_Rep2_peak_31141	58
45195705	45196823 H2AZ_Rep2_peak_31142	47
45202414	45203542 H2AZ_Rep2_peak_31143	31
45208921	45210303 H2AZ_Rep2_peak_31145	63
45246590	45247343 H2AZ_Rep2_peak_31147	55
45284066	45285965 H2AZ_Rep2_peak_31148	25
45394764	45395663 H2AZ_Rep2_peak_31150	42
45431685	45432002 H2AZ_Rep2_peak_31152	26
45526817	45528212 H2AZ_Rep2_peak_31153	33
45552851	45553973 H2AZ_Rep2_peak_31154	100
45573182	45573567 H2AZ_Rep2_peak_31156	14
45622131	45624303 H2AZ_Rep2_peak_31157	96
45626210	45628815 H2AZ_Rep2_peak_31158	60
45638172	45638843 H2AZ_Rep2_peak_31159	32
45660371	45661735 H2AZ_Rep2_peak_31160	47
45663590	45665215 H2AZ_Rep2_peak_31161	24
45668911	45669658 H2AZ_Rep2_peak_31162	65
45714763	45715639 H2AZ_Rep2_peak_31163	60
45717389	45720656 H2AZ_Rep2_peak_31164	50
45758198	45760800 H2AZ_Rep2_peak_31165	63
45790114	45790845 H2AZ_Rep2_peak_31166	60
45844902	45846002 H2AZ_Rep2_peak_31167	153
45874634	45877617 H2AZ_Rep2_peak_31168	39

45898417	45901025	H2AZ_Rep2_peak_31169	53
46221080	46222561	H2AZ_Rep2_peak_31173	79
46293059	46294436	H2AZ_Rep2_peak_31175	18
46298344	46298745	H2AZ_Rep2_peak_31176	23
46301307	46304438	H2AZ_Rep2_peak_31177	41
46330942	46332451	H2AZ_Rep2_peak_31179	121
46347621	46348325	H2AZ_Rep2_peak_31180	115
46359268	46360681	H2AZ_Rep2_peak_31181	87
46420762	46421348	H2AZ_Rep2_peak_31183	34
46431933	46432978	H2AZ_Rep2_peak_31185	60
46460231	46462582	H2AZ_Rep2_peak_31186	62
46468955	46474341	H2AZ_Rep2_peak_31187	46
46493995	46495510	H2AZ_Rep2_peak_31188	53
46737370	46740620	H2AZ_Rep2_peak_31192	64
46749471	46750546	H2AZ_Rep2_peak_31193	37
46783611	46784656	H2AZ_Rep2_peak_31195	122
46847047	46848159	H2AZ_Rep2_peak_31198	134
46858525	46859723	H2AZ_Rep2_peak_31199	16
46897798	46899411	H2AZ_Rep2_peak_31200	24
46961218	46961820	H2AZ_Rep2_peak_31201	39
46971194	46971890	H2AZ_Rep2_peak_31202	18
46974356	46975020	H2AZ_Rep2_peak_31203	98
47400607	47401565	H2AZ_Rep2_peak_31206	70
47563476	47564074	H2AZ_Rep2_peak_31210	151
47572529	47573724	H2AZ_Rep2_peak_31211	22
47603955	47605151	H2AZ_Rep2_peak_31212	149
47647055	47649940	H2AZ_Rep2_peak_31214	48
47705660	47707034	H2AZ_Rep2_peak_31215	55
47742552	47745789	H2AZ_Rep2_peak_31216	40
47877648	47879973	H2AZ_Rep2_peak_31218	166
48053454	48056290	H2AZ_Rep2_peak_31223	105
17305812	17306484	H2AZ_Rep2_peak_31224	76
17564973	17566451	H2AZ_Rep2_peak_31225	60
17639222	17640949	H2AZ_Rep2_peak_31226	66
17652086	17653353	H2AZ_Rep2_peak_31227	106
18049492	18050096	H2AZ_Rep2_peak_31230	21
18111067	18112051	H2AZ_Rep2_peak_31231	47
18115874	18116828	H2AZ_Rep2_peak_31232	51
18120186	18122034	H2AZ_Rep2_peak_31233	52
18189002	18189350	H2AZ_Rep2_peak_31234	16
18256587	18257654	H2AZ_Rep2_peak_31235	21
18264054	18264881	H2AZ_Rep2_peak_31236	25
18455133	18455435	H2AZ_Rep2_peak_31237	52



18483237	18484996 H2AZ_Rep2_peak_31238	39
18506202	18507850 H2AZ_Rep2_peak_31239	123
18514062	18516489 H2AZ_Rep2_peak_31240	37
18518365	18519324 H2AZ_Rep2_peak_31241	48
18524994	18525559 H2AZ_Rep2_peak_31242	49
18559726	18561719 H2AZ_Rep2_peak_31243	106
18632039	18633208 H2AZ_Rep2_peak_31244	58
18893270	18894610 H2AZ_Rep2_peak_31245	91
18916825	18917373 H2AZ_Rep2_peak_31246	41
19109763	19110655 H2AZ_Rep2_peak_31248	22
19131575	19132350 H2AZ_Rep2_peak_31249	56
19158401	19159478 H2AZ_Rep2_peak_31250	81
19165763	19167378 H2AZ_Rep2_peak_31251	36
19278781	19280383 H2AZ_Rep2_peak_31254	176
19417726	19420453 H2AZ_Rep2_peak_31255	67
19434483	19435909 H2AZ_Rep2_peak_31256	35
19465522	19467972 H2AZ_Rep2_peak_31257	50
19531379	19533350 H2AZ_Rep2_peak_31258	42
19541913	19543550 H2AZ_Rep2_peak_31259	24
19553109	19554166 H2AZ_Rep2_peak_31261	87
19563933	19566679 H2AZ_Rep2_peak_31263	37
19585426	19587520 H2AZ_Rep2_peak_31264	88
19679145	19679720 H2AZ_Rep2_peak_31266	37
19705270	19706256 H2AZ_Rep2_peak_31267	56
19717920	19718536 H2AZ_Rep2_peak_31268	58
19811082	19812389 H2AZ_Rep2_peak_31271	52
19841709	19843759 H2AZ_Rep2_peak_31272	52
19928359	19930689 H2AZ_Rep2_peak_31274	61
19973933	19974675 H2AZ_Rep2_peak_31275	29
20003889	20004910 H2AZ_Rep2_peak_31276	43
20008072	20009457 H2AZ_Rep2_peak_31277	52
20067127	20068428 H2AZ_Rep2_peak_31278	32
20118916	20120219 H2AZ_Rep2_peak_31280	22
20190683	20191998 H2AZ_Rep2_peak_31281	70
20307009	20308073 H2AZ_Rep2_peak_31284	64
20747569	20749002 H2AZ_Rep2_peak_31285	107
20772607	20772922 H2AZ_Rep2_peak_31286	27
20848945	20851144 H2AZ_Rep2_peak_31287	42
20861032	20862243 H2AZ_Rep2_peak_31288	41
21212256	21213974 H2AZ_Rep2_peak_31290	63
21270929	21272354 H2AZ_Rep2_peak_31293	87
21335876	21337427 H2AZ_Rep2_peak_31294	96
21355556	21357346 H2AZ_Rep2_peak_31295	42

21368875	21369633	H2AZ_Rep2_peak_31296	48
21397707	21399956	H2AZ_Rep2_peak_31297	56
21921147	21922399	H2AZ_Rep2_peak_31300	29
21983342	21984282	H2AZ_Rep2_peak_31301	36
21995573	21997778	H2AZ_Rep2_peak_31302	71
22005975	22006838	H2AZ_Rep2_peak_31303	47
22019616	22021067	H2AZ_Rep2_peak_31304	102
22089393	22089934	H2AZ_Rep2_peak_31306	37
22221104	22222747	H2AZ_Rep2_peak_31307	136
22291972	22293151	H2AZ_Rep2_peak_31309	105
22306635	22307814	H2AZ_Rep2_peak_31311	53
22336511	22337504	H2AZ_Rep2_peak_31312	42
22391802	22392880	H2AZ_Rep2_peak_31313	22
22511218	22512010	H2AZ_Rep2_peak_31314	85
22521494	22523854	H2AZ_Rep2_peak_31315	53
22564995	22565326	H2AZ_Rep2_peak_31316	48
22651911	22652734	H2AZ_Rep2_peak_31317	31
22862155	22863704	H2AZ_Rep2_peak_31319	163
22901279	22901986	H2AZ_Rep2_peak_31320	37
23411759	23412963	H2AZ_Rep2_peak_31322	129
23419683	23421382	H2AZ_Rep2_peak_31323	64
24058245	24060106	H2AZ_Rep2_peak_31326	117
24092678	24093836	H2AZ_Rep2_peak_31328	83
24109081	24110633	H2AZ_Rep2_peak_31329	81
24123307	24123948	H2AZ_Rep2_peak_31331	95
24128549	24130093	H2AZ_Rep2_peak_31332	64
24191543	24191878	H2AZ_Rep2_peak_31334	40
24199358	24200629	H2AZ_Rep2_peak_31335	134
24235775	24236597	H2AZ_Rep2_peak_31337	64
24255449	24256828	H2AZ_Rep2_peak_31338	44
24359715	24360693	H2AZ_Rep2_peak_31339	45
24383809	24386272	H2AZ_Rep2_peak_31340	94
24407195	24408415	H2AZ_Rep2_peak_31341	64
24551553	24553462	H2AZ_Rep2_peak_31342	24
24585095	24586259	H2AZ_Rep2_peak_31343	94
24602913	24604027	H2AZ_Rep2_peak_31344	24
24666252	24667713	H2AZ_Rep2_peak_31346	87
24861356	24862148	H2AZ_Rep2_peak_31347	41
24902748	24903329	H2AZ_Rep2_peak_31349	20
24917544	24918190	H2AZ_Rep2_peak_31350	44
24950189	24952461	H2AZ_Rep2_peak_31351	31
25102952	25103838	H2AZ_Rep2_peak_31356	33
25168335	25168802	H2AZ_Rep2_peak_31357	27

25201783	25203497	H2AZ_Rep2_peak_31358	23
25289909	25292145	H2AZ_Rep2_peak_31359	53
25348166	25350121	H2AZ_Rep2_peak_31360	52
25365611	25366346	H2AZ_Rep2_peak_31361	18
25373652	25374105	H2AZ_Rep2_peak_31362	57
25387396	25387984	H2AZ_Rep2_peak_31363	40
25631644	25632514	H2AZ_Rep2_peak_31364	18
25801628	25801938	H2AZ_Rep2_peak_31365	21
25814940	25816567	H2AZ_Rep2_peak_31366	95
25843235	25844963	H2AZ_Rep2_peak_31367	26
26143249	26144997	H2AZ_Rep2_peak_31368	32
26150756	26151579	H2AZ_Rep2_peak_31369	16
26756183	26756788	H2AZ_Rep2_peak_31370	28
26879000	26880744	H2AZ_Rep2_peak_31371	53
26907903	26910045	H2AZ_Rep2_peak_31372	150
26985263	26986761	H2AZ_Rep2_peak_31373	42
27054555	27055204	H2AZ_Rep2_peak_31374	21
27068173	27069649	H2AZ_Rep2_peak_31375	68
27908067	27908618	H2AZ_Rep2_peak_31377	70
28058434	28059980	H2AZ_Rep2_peak_31379	68
28064841	28067409	H2AZ_Rep2_peak_31380	65
28082310	28084494	H2AZ_Rep2_peak_31381	41
28113924	28117284	H2AZ_Rep2_peak_31383	35
28121523	28125199	H2AZ_Rep2_peak_31384	39
28195969	28198975	H2AZ_Rep2_peak_31385	23
28314525	28316300	H2AZ_Rep2_peak_31387	86
29137435	29138916	H2AZ_Rep2_peak_31389	42
29168114	29169634	H2AZ_Rep2_peak_31390	41
29278515	29280218	H2AZ_Rep2_peak_31391	145
29662512	29664382	H2AZ_Rep2_peak_31394	44
29701984	29703813	H2AZ_Rep2_peak_31395	86
29783624	29785364	H2AZ_Rep2_peak_31396	64
29865888	29866760	H2AZ_Rep2_peak_31400	28
29949177	29950468	H2AZ_Rep2_peak_31401	102
29976289	29977974	H2AZ_Rep2_peak_31402	61
29996803	30000812	H2AZ_Rep2_peak_31405	64
30129411	30130295	H2AZ_Rep2_peak_31407	104
30162126	30164129	H2AZ_Rep2_peak_31408	104
30194994	30195730	H2AZ_Rep2_peak_31409	30
30233618	30235130	H2AZ_Rep2_peak_31410	57
30279124	30279872	H2AZ_Rep2_peak_31411	41
30591438	30593211	H2AZ_Rep2_peak_31414	16
30598387	30599200	H2AZ_Rep2_peak_31415	105

30604681	30606627	H2AZ_Rep2_peak_31416	42
30608290	30609329	H2AZ_Rep2_peak_31417	21
30651924	30654542	H2AZ_Rep2_peak_31420	41
30658950	30659632	H2AZ_Rep2_peak_31421	150
30683214	30686096	H2AZ_Rep2_peak_31422	21
30698255	30698555	H2AZ_Rep2_peak_31423	22
30722468	30723527	H2AZ_Rep2_peak_31424	63
30752246	30753454	H2AZ_Rep2_peak_31425	48
30782590	30783874	H2AZ_Rep2_peak_31426	31
30792598	30792953	H2AZ_Rep2_peak_31428	33
30819612	30822721	H2AZ_Rep2_peak_31429	35
30831458	30832220	H2AZ_Rep2_peak_31430	75
30840734	30842402	H2AZ_Rep2_peak_31431	86
30868780	30869501	H2AZ_Rep2_peak_31432	51
30901122	30901829	H2AZ_Rep2_peak_31434	86
30987338	30988385	H2AZ_Rep2_peak_31435	28
31001306	31002081	H2AZ_Rep2_peak_31436	39
31005090	31006102	H2AZ_Rep2_peak_31437	73
31030628	31033162	H2AZ_Rep2_peak_31438	45
31045203	31045510	H2AZ_Rep2_peak_31439	33
31063272	31064426	H2AZ_Rep2_peak_31440	74
31090077	31091238	H2AZ_Rep2_peak_31441	38
31159969	31160800	H2AZ_Rep2_peak_31442	77
31198523	31199306	H2AZ_Rep2_peak_31443	36
31364329	31365406	H2AZ_Rep2_peak_31444	28
31451135	31452096	H2AZ_Rep2_peak_31445	39
31476551	31477941	H2AZ_Rep2_peak_31446	65
31479949	31481401	H2AZ_Rep2_peak_31447	76
31498179	31498680	H2AZ_Rep2_peak_31448	32
31503815	31504146	H2AZ_Rep2_peak_31449	44
31518097	31519437	H2AZ_Rep2_peak_31450	115
31544658	31545655	H2AZ_Rep2_peak_31451	35
31555742	31556941	H2AZ_Rep2_peak_31452	56
31607377	31609460	H2AZ_Rep2_peak_31453	74
31686385	31688665	H2AZ_Rep2_peak_31455	51
31691359	31692544	H2AZ_Rep2_peak_31456	19
31742849	31744085	H2AZ_Rep2_peak_31458	61
31795006	31796397	H2AZ_Rep2_peak_31459	114
31885297	31887016	H2AZ_Rep2_peak_31460	121
31891889	31893388	H2AZ_Rep2_peak_31461	84
32026391	32027232	H2AZ_Rep2_peak_31462	16
32057614	32058927	H2AZ_Rep2_peak_31463	109
32145256	32146840	H2AZ_Rep2_peak_31464	82

32149106	32150758	H2AZ_Rep2_peak_31465	84
32339385	32341824	H2AZ_Rep2_peak_31466	85
32366015	32367322	H2AZ_Rep2_peak_31467	79
32446746	32447435	H2AZ_Rep2_peak_31468	36
32533542	32534354	H2AZ_Rep2_peak_31469	113
32807577	32810259	H2AZ_Rep2_peak_31470	64
32869602	32871642	H2AZ_Rep2_peak_31471	41
32924447	32925613	H2AZ_Rep2_peak_31472	16
32928029	32929131	H2AZ_Rep2_peak_31473	40
32935853	32936334	H2AZ_Rep2_peak_31474	54
32953499	32954788	H2AZ_Rep2_peak_31476	52
33017952	33019052	H2AZ_Rep2_peak_31481	31
33040301	33040739	H2AZ_Rep2_peak_31483	29
33140963	33141914	H2AZ_Rep2_peak_31485	45
33150484	33151199	H2AZ_Rep2_peak_31486	32
33156744	33158883	H2AZ_Rep2_peak_31487	64
33197766	33199534	H2AZ_Rep2_peak_31490	25
33381861	33383080	H2AZ_Rep2_peak_31491	57
33387727	33388130	H2AZ_Rep2_peak_31492	19
34249431	34250334	H2AZ_Rep2_peak_31495	77
35652802	35653575	H2AZ_Rep2_peak_31496	199
35695213	35697986	H2AZ_Rep2_peak_31497	48
35746580	35747434	H2AZ_Rep2_peak_31498	22
35771482	35773625	H2AZ_Rep2_peak_31501	39
35776392	35778159	H2AZ_Rep2_peak_31502	85
35794917	35796565	H2AZ_Rep2_peak_31503	46
35935972	35936936	H2AZ_Rep2_peak_31504	38
35982303	35987146	H2AZ_Rep2_peak_31505	30
35982303	35987146	H2AZ_Rep2_peak_31505	30
35988542	35989123	H2AZ_Rep2_peak_31506	59
36010973	36011677	H2AZ_Rep2_peak_31508	29
36017851	36019444	H2AZ_Rep2_peak_31509	42
36025656	36026106	H2AZ_Rep2_peak_31511	41
36023184	36024061	H2AZ_Rep2_peak_31510	104
36042701	36045120	H2AZ_Rep2_peak_31512	65
36310744	36312183	H2AZ_Rep2_peak_31513	30
36422741	36426705	H2AZ_Rep2_peak_31514	54
36448261	36449185	H2AZ_Rep2_peak_31516	48
36461239	36462942	H2AZ_Rep2_peak_31517	157
36482010	36482508	H2AZ_Rep2_peak_31518	34
36519156	36520715	H2AZ_Rep2_peak_31519	44
36634802	36636441	H2AZ_Rep2_peak_31520	89
36648813	36649469	H2AZ_Rep2_peak_31521	29

36784469	36785316	H2AZ_Rep2_peak_31522	45
36793462	36795736	H2AZ_Rep2_peak_31523	25
36813080	36813729	H2AZ_Rep2_peak_31525	109
36815265	36815565	H2AZ_Rep2_peak_31526	24
36847451	36848132	H2AZ_Rep2_peak_31528	30
36850731	36851756	H2AZ_Rep2_peak_31529	45
36876866	36877817	H2AZ_Rep2_peak_31532	79
36902480	36903923	H2AZ_Rep2_peak_31533	77
36924837	36926148	H2AZ_Rep2_peak_31534	39
36937255	36938537	H2AZ_Rep2_peak_31535	27
36958384	36959553	H2AZ_Rep2_peak_31537	56
37055879	37056922	H2AZ_Rep2_peak_31538	79
37171533	37173552	H2AZ_Rep2_peak_31539	89
37177673	37178490	H2AZ_Rep2_peak_31540	78
37373091	37374597	H2AZ_Rep2_peak_31541	37
37414877	37416528	H2AZ_Rep2_peak_31542	36
37516999	37518550	H2AZ_Rep2_peak_31543	33
37562375	37563856	H2AZ_Rep2_peak_31544	41
37574690	37575224	H2AZ_Rep2_peak_31545	30
37583877	37584815	H2AZ_Rep2_peak_31546	21
37592883	37596219	H2AZ_Rep2_peak_31547	43
37702943	37704273	H2AZ_Rep2_peak_31549	24
37742095	37742626	H2AZ_Rep2_peak_31550	29
37750142	37750776	H2AZ_Rep2_peak_31551	49
37823288	37823789	H2AZ_Rep2_peak_31552	31
37850857	37851429	H2AZ_Rep2_peak_31554	47
37904836	37905429	H2AZ_Rep2_peak_31556	45
37914327	37916076	H2AZ_Rep2_peak_31557	59
37921114	37922536	H2AZ_Rep2_peak_31558	47
37934553	37935380	H2AZ_Rep2_peak_31559	63
37937658	37938486	H2AZ_Rep2_peak_31560	47
37941272	37943500	H2AZ_Rep2_peak_31561	36
37988105	37988565	H2AZ_Rep2_peak_31563	20
37997711	37998043	H2AZ_Rep2_peak_31564	19
38003035	38005460	H2AZ_Rep2_peak_31565	61
38053598	38054949	H2AZ_Rep2_peak_31567	72
38081751	38082943	H2AZ_Rep2_peak_31570	80
38124540	38124917	H2AZ_Rep2_peak_31571	32
38141374	38142599	H2AZ_Rep2_peak_31572	47
38198061	38198906	H2AZ_Rep2_peak_31575	32
38203411	38204579	H2AZ_Rep2_peak_31576	82
38239664	38240895	H2AZ_Rep2_peak_31578	48
38244955	38245937	H2AZ_Rep2_peak_31579	55

38301396	38303067	H2AZ_Rep2_peak_31580	34
38349102	38350196	H2AZ_Rep2_peak_31581	104
38395694	38397023	H2AZ_Rep2_peak_31583	63
38448158	38448885	H2AZ_Rep2_peak_31585	25
38452683	38454169	H2AZ_Rep2_peak_31586	82
38506441	38507470	H2AZ_Rep2_peak_31587	44
38538891	38539471	H2AZ_Rep2_peak_31588	38
38568766	38569420	H2AZ_Rep2_peak_31589	26
38576789	38578360	H2AZ_Rep2_peak_31591	26
38597280	38597725	H2AZ_Rep2_peak_31592	37
38668311	38669942	H2AZ_Rep2_peak_31594	73
38713677	38714374	H2AZ_Rep2_peak_31596	15
38731926	38732676	H2AZ_Rep2_peak_31597	23
38863489	38864546	H2AZ_Rep2_peak_31598	71
38901997	38903179	H2AZ_Rep2_peak_31599	67
38965718	38967404	H2AZ_Rep2_peak_31600	74
39051676	39053855	H2AZ_Rep2_peak_31601	127
39077550	39078403	H2AZ_Rep2_peak_31602	85
39095742	39097814	H2AZ_Rep2_peak_31603	31
39100147	39101413	H2AZ_Rep2_peak_31604	24
39151844	39152718	H2AZ_Rep2_peak_31605	26
39159957	39160795	H2AZ_Rep2_peak_31606	22
39189300	39190829	H2AZ_Rep2_peak_31607	37
39267467	39268749	H2AZ_Rep2_peak_31608	32
39377680	39378751	H2AZ_Rep2_peak_31611	22
39541071	39542426	H2AZ_Rep2_peak_31612	62
39548079	39549397	H2AZ_Rep2_peak_31613	59
39570349	39572568	H2AZ_Rep2_peak_31614	30
39601475	39601831	H2AZ_Rep2_peak_31616	31
39608710	39609250	H2AZ_Rep2_peak_31618	67
39635773	39636224	H2AZ_Rep2_peak_31619	49
39639378	39640999	H2AZ_Rep2_peak_31620	33
39649718	39651462	H2AZ_Rep2_peak_31621	39
39678937	39680613	H2AZ_Rep2_peak_31622	64
39686668	39689134	H2AZ_Rep2_peak_31623	34
39704482	39705489	H2AZ_Rep2_peak_31624	36
39715879	39716421	H2AZ_Rep2_peak_31625	66
39795176	39796578	H2AZ_Rep2_peak_31627	93
39885640	39886762	H2AZ_Rep2_peak_31629	17
39897105	39898624	H2AZ_Rep2_peak_31631	61
39915239	39916623	H2AZ_Rep2_peak_31632	71
39928133	39931373	H2AZ_Rep2_peak_31633	105
39987898	39989359	H2AZ_Rep2_peak_31634	89

40002761	40003586	H2AZ_Rep2_peak_31635	41
40030735	40031360	H2AZ_Rep2_peak_31637	33
40119994	40120552	H2AZ_Rep2_peak_31638	48
40355611	40356173	H2AZ_Rep2_peak_31641	32
40362318	40365203	H2AZ_Rep2_peak_31642	34
40393250	40395934	H2AZ_Rep2_peak_31643	34
40397633	40398457	H2AZ_Rep2_peak_31644	28
40402787	40406442	H2AZ_Rep2_peak_31645	53
40439739	40441953	H2AZ_Rep2_peak_31646	58
40572827	40575213	H2AZ_Rep2_peak_31648	34
40741770	40743384	H2AZ_Rep2_peak_31649	65
40766515	40767578	H2AZ_Rep2_peak_31650	41
41032193	41033843	H2AZ_Rep2_peak_31651	80
41042002	41042843	H2AZ_Rep2_peak_31652	37
41047417	41048892	H2AZ_Rep2_peak_31653	75
41107698	41108063	H2AZ_Rep2_peak_31655	27
41128421	41129013	H2AZ_Rep2_peak_31656	57
41214371	41216275	H2AZ_Rep2_peak_31657	129
41251997	41253799	H2AZ_Rep2_peak_31658	78
41346510	41348180	H2AZ_Rep2_peak_31659	32
41417191	41418986	H2AZ_Rep2_peak_31661	35
41486686	41488854	H2AZ_Rep2_peak_31662	32
41577139	41579058	H2AZ_Rep2_peak_31663	26
41592889	41594243	H2AZ_Rep2_peak_31664	80
41600060	41601922	H2AZ_Rep2_peak_31665	175
41681841	41684877	H2AZ_Rep2_peak_31666	38
41681841	41684877	H2AZ_Rep2_peak_31666	38
41696862	41697351	H2AZ_Rep2_peak_31667	20
41762572	41763823	H2AZ_Rep2_peak_31668	90
41776189	41777754	H2AZ_Rep2_peak_31669	29
41797783	41800309	H2AZ_Rep2_peak_31670	66
41809221	41810840	H2AZ_Rep2_peak_31671	46
41864426	41865633	H2AZ_Rep2_peak_31674	49
41939844	41941161	H2AZ_Rep2_peak_31675	32
41958846	41959758	H2AZ_Rep2_peak_31677	22
41985137	41986527	H2AZ_Rep2_peak_31678	33
42016143	42018157	H2AZ_Rep2_peak_31679	52
42063079	42063796	H2AZ_Rep2_peak_31680	16
42093171	42093592	H2AZ_Rep2_peak_31682	28
42121599	42121936	H2AZ_Rep2_peak_31683	27
42176101	42177846	H2AZ_Rep2_peak_31686	34
42195825	42197445	H2AZ_Rep2_peak_31687	67
42341836	42344010	H2AZ_Rep2_peak_31689	60



42379035	42379756	H2AZ_Rep2_peak_31691	17
42393981	42395122	H2AZ_Rep2_peak_31692	132
42418241	42418954	H2AZ_Rep2_peak_31693	71
42463401	42464313	H2AZ_Rep2_peak_31694	33
42466201	42467472	H2AZ_Rep2_peak_31695	87
42474841	42476585	H2AZ_Rep2_peak_31697	35
42486099	42487657	H2AZ_Rep2_peak_31698	66
42665496	42667099	H2AZ_Rep2_peak_31699	17
42764429	42765903	H2AZ_Rep2_peak_31702	77
42770504	42773057	H2AZ_Rep2_peak_31703	25
42833433	42834257	H2AZ_Rep2_peak_31704	103
42915457	42916580	H2AZ_Rep2_peak_31706	68
43010635	43012012	H2AZ_Rep2_peak_31708	22
43044823	43047142	H2AZ_Rep2_peak_31709	48
43058182	43058549	H2AZ_Rep2_peak_31710	54
43076535	43077105	H2AZ_Rep2_peak_31712	43
43115825	43117509	H2AZ_Rep2_peak_31713	53
43139262	43141698	H2AZ_Rep2_peak_31715	33
43143678	43143981	H2AZ_Rep2_peak_31716	23
43148284	43152417	H2AZ_Rep2_peak_31717	44
43154870	43155546	H2AZ_Rep2_peak_31718	67
43252170	43253693	H2AZ_Rep2_peak_31719	27
43410514	43412119	H2AZ_Rep2_peak_31721	60
43420673	43421854	H2AZ_Rep2_peak_31723	58
43463114	43463638	H2AZ_Rep2_peak_31725	54
43484711	43485884	H2AZ_Rep2_peak_31726	127
43506782	43507828	H2AZ_Rep2_peak_31727	75
43538802	43539935	H2AZ_Rep2_peak_31728	73
43546739	43548936	H2AZ_Rep2_peak_31729	32
43582395	43584275	H2AZ_Rep2_peak_31730	42
43659546	43660427	H2AZ_Rep2_peak_31731	32
43671640	43671940	H2AZ_Rep2_peak_31732	26
44207451	44209122	H2AZ_Rep2_peak_31734	165
44293503	44293851	H2AZ_Rep2_peak_31735	31
44318371	44321499	H2AZ_Rep2_peak_31738	31
44350633	44352420	H2AZ_Rep2_peak_31739	90
44419575	44420948	H2AZ_Rep2_peak_31740	56
44727891	44728269	H2AZ_Rep2_peak_31742	28
44733344	44734759	H2AZ_Rep2_peak_31743	31
44737479	44738326	H2AZ_Rep2_peak_31744	54
44747707	44748267	H2AZ_Rep2_peak_31745	25
44756280	44760360	H2AZ_Rep2_peak_31746	58
44756280	44760360	H2AZ_Rep2_peak_31746	58

44844116	44844781	H2AZ_Rep2_peak_31747	76
44946506	44947843	H2AZ_Rep2_peak_31749	77
45072564	45073142	H2AZ_Rep2_peak_31750	27
45080419	45081798	H2AZ_Rep2_peak_31751	34
45097410	45098977	H2AZ_Rep2_peak_31753	24
45460251	45460981	H2AZ_Rep2_peak_31755	40
45497800	45498186	H2AZ_Rep2_peak_31756	41
45500365	45501700	H2AZ_Rep2_peak_31757	31
45640844	45643800	H2AZ_Rep2_peak_31760	26
45659444	45660269	H2AZ_Rep2_peak_31761	77
45664495	45665685	H2AZ_Rep2_peak_31762	79
45703722	45706150	H2AZ_Rep2_peak_31764	87
45808872	45810059	H2AZ_Rep2_peak_31766	64
45831410	45832108	H2AZ_Rep2_peak_31767	56
45864203	45866120	H2AZ_Rep2_peak_31769	40
45879413	45880495	H2AZ_Rep2_peak_31771	54
45897963	45899912	H2AZ_Rep2_peak_31772	33
45979387	45982118	H2AZ_Rep2_peak_31773	32
45983590	45984284	H2AZ_Rep2_peak_31774	42
45998150	46001538	H2AZ_Rep2_peak_31775	41
46021975	46022450	H2AZ_Rep2_peak_31778	39
46034699	46035733	H2AZ_Rep2_peak_31779	83
46041689	46042024	H2AZ_Rep2_peak_31781	25
46066934	46068770	H2AZ_Rep2_peak_31782	58
46299462	46299783	H2AZ_Rep2_peak_31783	24
46307349	46308298	H2AZ_Rep2_peak_31784	36
46321445	46322876	H2AZ_Rep2_peak_31785	39
46330552	46331271	H2AZ_Rep2_peak_31786	51
46372353	46372825	H2AZ_Rep2_peak_31787	37
46374622	46376746	H2AZ_Rep2_peak_31788	73
46422689	46423577	H2AZ_Rep2_peak_31792	49
46431163	46432839	H2AZ_Rep2_peak_31793	27
46439282	46441400	H2AZ_Rep2_peak_31794	40
46518186	46519178	H2AZ_Rep2_peak_31797	50
46521552	46522973	H2AZ_Rep2_peak_31798	68
46545002	46547127	H2AZ_Rep2_peak_31799	43
46645789	46646876	H2AZ_Rep2_peak_31800	60
46663382	46664368	H2AZ_Rep2_peak_31801	57
46692089	46693954	H2AZ_Rep2_peak_31802	74
46921843	46922147	H2AZ_Rep2_peak_31804	30
46933709	46935245	H2AZ_Rep2_peak_31806	41
46942862	46943977	H2AZ_Rep2_peak_31807	29
46957077	46960219	H2AZ_Rep2_peak_31808	92

46957077	46960219	H2AZ_Rep2_peak_31808	92
46970945	46973673	H2AZ_Rep2_peak_31809	35
47133362	47135499	H2AZ_Rep2_peak_31810	64
47146314	47147412	H2AZ_Rep2_peak_31812	64
47149338	47151087	H2AZ_Rep2_peak_31813	29
47158007	47159198	H2AZ_Rep2_peak_31814	83
47655427	47657307	H2AZ_Rep2_peak_31815	29
47671105	47672736	H2AZ_Rep2_peak_31816	78
47724443	47724798	H2AZ_Rep2_peak_31817	42
50246534	50247073	H2AZ_Rep2_peak_31820	37
50311643	50312982	H2AZ_Rep2_peak_31821	57
50342736	50343377	H2AZ_Rep2_peak_31822	20
50344699	50345233	H2AZ_Rep2_peak_31823	38
50452360	50452807	H2AZ_Rep2_peak_31825	27
50466155	50466781	H2AZ_Rep2_peak_31826	27
50622242	50624195	H2AZ_Rep2_peak_31830	74
50682257	50683842	H2AZ_Rep2_peak_31832	64
50698802	50699675	H2AZ_Rep2_peak_31833	30
50765072	50766188	H2AZ_Rep2_peak_31836	53
50769421	50769782	H2AZ_Rep2_peak_31837	38
50780541	50782042	H2AZ_Rep2_peak_31839	36
50913821	50914269	H2AZ_Rep2_peak_31840	30
50945681	50946971	H2AZ_Rep2_peak_31842	63
50983192	50984880	H2AZ_Rep2_peak_31845	42
51001394	51001956	H2AZ_Rep2_peak_31846	53
51020500	51022160	H2AZ_Rep2_peak_31847	30
51066023	51067573	H2AZ_Rep2_peak_31848	129
51094213	51095540	H2AZ_Rep2_peak_31849	72
51170176	51171075	H2AZ_Rep2_peak_31850	68
465762	468265	H2AZ_Rep2_peak_31854	17
522377	524180	H2AZ_Rep2_peak_31855	24
533948	535221	H2AZ_Rep2_peak_31858	53
554783	555314	H2AZ_Rep2_peak_31859	23
587297	588648	H2AZ_Rep2_peak_31861	34
742055	744924	H2AZ_Rep2_peak_31865	68
754243	757474	H2AZ_Rep2_peak_31866	46
1097919	1098680	H2AZ_Rep2_peak_31870	26
1619129	1620402	H2AZ_Rep2_peak_31879	28
3167573	3169494	H2AZ_Rep2_peak_31884	100
3220750	3222774	H2AZ_Rep2_peak_31885	136
4344470	4345834	H2AZ_Rep2_peak_31887	158
4508195	4509625	H2AZ_Rep2_peak_31888	217
4516233	4517062	H2AZ_Rep2_peak_31890	108

4533480	4535497 H2AZ_Rep2_peak_31892	32
4546157	4547502 H2AZ_Rep2_peak_31893	64
4782401	4784127 H2AZ_Rep2_peak_31896	32
4908482	4910895 H2AZ_Rep2_peak_31898	113
4940066	4940380 H2AZ_Rep2_peak_31900	29
5017713	5021506 H2AZ_Rep2_peak_31901	21
5030549	5031396 H2AZ_Rep2_peak_31902	22
5036443	5038995 H2AZ_Rep2_peak_31903	74
5052552	5052917 H2AZ_Rep2_peak_31904	19
5058993	5063827 H2AZ_Rep2_peak_31906	32
5067869	5068736 H2AZ_Rep2_peak_31907	23
5163971	5164698 H2AZ_Rep2_peak_31914	64
5228665	5231035 H2AZ_Rep2_peak_31915	75
6548809	6549288 H2AZ_Rep2_peak_31921	52
8670888	8671646 H2AZ_Rep2_peak_31927	15
8698281	8701117 H2AZ_Rep2_peak_31928	31
9004130	9007477 H2AZ_Rep2_peak_31929	86
9199348	9200089 H2AZ_Rep2_peak_31932	19
9394292	9394983 H2AZ_Rep2_peak_31935	39
9404217	9405303 H2AZ_Rep2_peak_31936	132
9690369	9692074 H2AZ_Rep2_peak_31940	53
9756789	9757614 H2AZ_Rep2_peak_31941	128
9771160	9776014 H2AZ_Rep2_peak_31942	82
9790879	9792964 H2AZ_Rep2_peak_31943	185
9811122	9812290 H2AZ_Rep2_peak_31944	47
9833792	9835272 H2AZ_Rep2_peak_31946	36
9851013	9852805 H2AZ_Rep2_peak_31947	45
9884857	9886425 H2AZ_Rep2_peak_31948	258
9905881	9906906 H2AZ_Rep2_peak_31950	109
9911804	9913280 H2AZ_Rep2_peak_31951	14
9925934	9926357 H2AZ_Rep2_peak_31953	39
9931716	9932875 H2AZ_Rep2_peak_31954	136
9939125	9941174 H2AZ_Rep2_peak_31955	58
9943962	9945850 H2AZ_Rep2_peak_31956	91
9958121	9960275 H2AZ_Rep2_peak_31958	92
9974274	9976467 H2AZ_Rep2_peak_31959	124
9987713	9989437 H2AZ_Rep2_peak_31960	113
10027689	10029234 H2AZ_Rep2_peak_31963	72
10050486	10052764 H2AZ_Rep2_peak_31964	86
10067325	10069077 H2AZ_Rep2_peak_31965	174
10156619	10158271 H2AZ_Rep2_peak_31966	173
10182836	10184198 H2AZ_Rep2_peak_31967	115
10206010	10208031 H2AZ_Rep2_peak_31968	114

10233602	10234192	H2AZ_Rep2_peak_31969	49
10240540	10241223	H2AZ_Rep2_peak_31970	22
10247153	10247874	H2AZ_Rep2_peak_31971	48
10289657	10291344	H2AZ_Rep2_peak_31972	78
10362041	10363244	H2AZ_Rep2_peak_31973	71
10974883	10976193	H2AZ_Rep2_peak_31981	27
10992695	10993167	H2AZ_Rep2_peak_31982	33
11102214	11103029	H2AZ_Rep2_peak_31984	108
11125453	11128781	H2AZ_Rep2_peak_31986	35
11137476	11139028	H2AZ_Rep2_peak_31987	84
11176448	11179690	H2AZ_Rep2_peak_31990	48
11176448	11179690	H2AZ_Rep2_peak_31990	48
11181738	11182684	H2AZ_Rep2_peak_31991	88
11188504	11189297	H2AZ_Rep2_peak_31993	59
11196265	11197575	H2AZ_Rep2_peak_31995	89
11235954	11238269	H2AZ_Rep2_peak_31997	28
11242931	11243682	H2AZ_Rep2_peak_31998	34
11267020	11268045	H2AZ_Rep2_peak_31999	64
11313354	11314579	H2AZ_Rep2_peak_32001	156
11330485	11331164	H2AZ_Rep2_peak_32002	22
11550100	11550515	H2AZ_Rep2_peak_32003	29
11683138	11685761	H2AZ_Rep2_peak_32004	60
11760175	11763043	H2AZ_Rep2_peak_32005	121
11812470	11813082	H2AZ_Rep2_peak_32007	30
11816017	11816323	H2AZ_Rep2_peak_32008	50
11887272	11890397	H2AZ_Rep2_peak_32009	184
12179792	12180827	H2AZ_Rep2_peak_32010	15
12197107	12197677	H2AZ_Rep2_peak_32011	21
12199570	12201196	H2AZ_Rep2_peak_32012	106
12219060	12223304	H2AZ_Rep2_peak_32014	27
12219060	12223304	H2AZ_Rep2_peak_32014	27
12228554	12229757	H2AZ_Rep2_peak_32015	63
12236196	12237003	H2AZ_Rep2_peak_32016	24
12264538	12264977	H2AZ_Rep2_peak_32017	45
12304526	12305214	H2AZ_Rep2_peak_32019	18
12317797	12319176	H2AZ_Rep2_peak_32020	15
12328444	12330657	H2AZ_Rep2_peak_32021	67
12484834	12487692	H2AZ_Rep2_peak_32022	90
12496203	12496601	H2AZ_Rep2_peak_32024	27
12499683	12500946	H2AZ_Rep2_peak_32025	31
12512431	12514322	H2AZ_Rep2_peak_32026	87
12517456	12518666	H2AZ_Rep2_peak_32027	28
12521077	12522913	H2AZ_Rep2_peak_32028	129

12525241	12526805 H2AZ_Rep2_peak_32029	133
12595193	12596175 H2AZ_Rep2_peak_32030	59
12597677	12599580 H2AZ_Rep2_peak_32031	128
12704238	12706399 H2AZ_Rep2_peak_32032	111
12712073	12712921 H2AZ_Rep2_peak_32033	33
12717100	12718432 H2AZ_Rep2_peak_32035	66
12722932	12724482 H2AZ_Rep2_peak_32036	70
12735113	12736489 H2AZ_Rep2_peak_32038	20
12744151	12745928 H2AZ_Rep2_peak_32041	50
12758255	12759307 H2AZ_Rep2_peak_32043	29
12791077	12792475 H2AZ_Rep2_peak_32047	63
12799711	12801204 H2AZ_Rep2_peak_32049	28
12850766	12852565 H2AZ_Rep2_peak_32051	107
12882696	12884186 H2AZ_Rep2_peak_32053	66
12932971	12933766 H2AZ_Rep2_peak_32055	45
13008140	13009959 H2AZ_Rep2_peak_32056	84
13025540	13025935 H2AZ_Rep2_peak_32057	40
13034607	13037201 H2AZ_Rep2_peak_32058	95
13040573	13041394 H2AZ_Rep2_peak_32059	70
13052921	13054067 H2AZ_Rep2_peak_32061	90
13056241	13058162 H2AZ_Rep2_peak_32062	21
13460060	13463080 H2AZ_Rep2_peak_32068	65
13492677	13494398 H2AZ_Rep2_peak_32071	58
13519872	13522512 H2AZ_Rep2_peak_32075	95
13526395	13527416 H2AZ_Rep2_peak_32076	113
13545230	13546685 H2AZ_Rep2_peak_32077	37
13548739	13550082 H2AZ_Rep2_peak_32078	94
13569886	13570813 H2AZ_Rep2_peak_32080	34
13574784	13576740 H2AZ_Rep2_peak_32081	160
13578043	13581431 H2AZ_Rep2_peak_32082	40
13584581	13589741 H2AZ_Rep2_peak_32083	56
13584581	13589741 H2AZ_Rep2_peak_32083	56
13687879	13693205 H2AZ_Rep2_peak_32084	47
13694663	13696513 H2AZ_Rep2_peak_32085	34
13699173	13699745 H2AZ_Rep2_peak_32086	78
13707096	13707700 H2AZ_Rep2_peak_32087	26
13891225	13892969 H2AZ_Rep2_peak_32089	37
13931893	13932692 H2AZ_Rep2_peak_32090	19
13935565	13937733 H2AZ_Rep2_peak_32091	53
14058006	14060099 H2AZ_Rep2_peak_32092	54
14165088	14167486 H2AZ_Rep2_peak_32093	87
14219069	14220898 H2AZ_Rep2_peak_32095	84
14244701	14246640 H2AZ_Rep2_peak_32096	75

14250257	14253295	H2AZ_Rep2_peak_32097	27
14266070	14267268	H2AZ_Rep2_peak_32098	45
14269976	14270534	H2AZ_Rep2_peak_32099	38
14275645	14277538	H2AZ_Rep2_peak_32100	68
14294453	14295273	H2AZ_Rep2_peak_32101	35
14296756	14298473	H2AZ_Rep2_peak_32102	35
14309126	14310430	H2AZ_Rep2_peak_32105	16
14361031	14361871	H2AZ_Rep2_peak_32106	80
14377296	14379570	H2AZ_Rep2_peak_32107	25
14386858	14387901	H2AZ_Rep2_peak_32108	34
14410216	14413928	H2AZ_Rep2_peak_32109	40
14410216	14413928	H2AZ_Rep2_peak_32109	40
14443421	14445245	H2AZ_Rep2_peak_32112	98
14573674	14574866	H2AZ_Rep2_peak_32115	90
14692532	14693923	H2AZ_Rep2_peak_32118	147
14830647	14831406	H2AZ_Rep2_peak_32119	30
14832950	14833383	H2AZ_Rep2_peak_32120	43
14889342	14890096	H2AZ_Rep2_peak_32122	84
14916126	14919287	H2AZ_Rep2_peak_32125	43
14962129	14962867	H2AZ_Rep2_peak_32129	30
14988164	14990675	H2AZ_Rep2_peak_32130	62
15105927	15107499	H2AZ_Rep2_peak_32132	129
15139580	15141490	H2AZ_Rep2_peak_32133	289
15143089	15144029	H2AZ_Rep2_peak_32134	20
15148938	15150172	H2AZ_Rep2_peak_32135	30
15227804	15228314	H2AZ_Rep2_peak_32138	35
15243126	15248765	H2AZ_Rep2_peak_32139	90
15310807	15311843	H2AZ_Rep2_peak_32140	21
15333708	15335233	H2AZ_Rep2_peak_32141	17
15373041	15375666	H2AZ_Rep2_peak_32143	96
15419305	15422838	H2AZ_Rep2_peak_32145	92
15468256	15470190	H2AZ_Rep2_peak_32146	201
15642336	15643981	H2AZ_Rep2_peak_32150	172
15676960	15678717	H2AZ_Rep2_peak_32153	65
15686991	15691094	H2AZ_Rep2_peak_32154	23
15900277	15902143	H2AZ_Rep2_peak_32156	73
15944993	15946143	H2AZ_Rep2_peak_32157	77
16014785	16015599	H2AZ_Rep2_peak_32159	27
16024061	16025382	H2AZ_Rep2_peak_32160	123
16068178	16068765	H2AZ_Rep2_peak_32161	69
16099759	16103060	H2AZ_Rep2_peak_32162	52
16187564	16190728	H2AZ_Rep2_peak_32165	27
16219345	16220363	H2AZ_Rep2_peak_32167	74

16280648	16282650	H2AZ_Rep2_peak_32168	21
16285451	16287204	H2AZ_Rep2_peak_32169	37
16288576	16291427	H2AZ_Rep2_peak_32170	40
16305653	16307495	H2AZ_Rep2_peak_32171	166
16592358	16593563	H2AZ_Rep2_peak_32176	99
16705259	16707705	H2AZ_Rep2_peak_32179	73
16767620	16768634	H2AZ_Rep2_peak_32181	21
16770176	16771431	H2AZ_Rep2_peak_32182	46
16825319	16827209	H2AZ_Rep2_peak_32183	45
16924023	16927968	H2AZ_Rep2_peak_32187	103
17036237	17037101	H2AZ_Rep2_peak_32189	29
17080456	17082410	H2AZ_Rep2_peak_32190	38
17676672	17677457	H2AZ_Rep2_peak_32192	28
17782264	17785171	H2AZ_Rep2_peak_32193	106
17882216	17883108	H2AZ_Rep2_peak_32196	18
18014829	18015285	H2AZ_Rep2_peak_32198	14
18121775	18122171	H2AZ_Rep2_peak_32200	36
18140350	18141484	H2AZ_Rep2_peak_32202	43
18166048	18166348	H2AZ_Rep2_peak_32203	22
18336442	18336913	H2AZ_Rep2_peak_32206	39
19930078	19933314	H2AZ_Rep2_peak_32210	52
19943437	19943737	H2AZ_Rep2_peak_32211	16
19972566	19973753	H2AZ_Rep2_peak_32212	23
19987338	19989667	H2AZ_Rep2_peak_32213	49
20080367	20083238	H2AZ_Rep2_peak_32214	59
20226807	20229185	H2AZ_Rep2_peak_32216	128
20296427	20298187	H2AZ_Rep2_peak_32218	14
20306263	20306837	H2AZ_Rep2_peak_32219	20
20364739	20365312	H2AZ_Rep2_peak_32221	55
20946022	20947115	H2AZ_Rep2_peak_32222	32
21371267	21371970	H2AZ_Rep2_peak_32224	19
21641206	21642863	H2AZ_Rep2_peak_32225	32
22130107	22131291	H2AZ_Rep2_peak_32233	87
22145855	22148508	H2AZ_Rep2_peak_32235	27
22156279	22156579	H2AZ_Rep2_peak_32236	21
23077484	23077982	H2AZ_Rep2_peak_32239	32
23121237	23123116	H2AZ_Rep2_peak_32241	31
23243720	23245696	H2AZ_Rep2_peak_32243	113
23653803	23654404	H2AZ_Rep2_peak_32245	44
23670377	23671183	H2AZ_Rep2_peak_32247	72
23687678	23690822	H2AZ_Rep2_peak_32248	23
23709567	23710620	H2AZ_Rep2_peak_32249	60
23782321	23783916	H2AZ_Rep2_peak_32254	41



23792334	23794382	H2AZ_Rep2_peak_32256	38
23802597	23803467	H2AZ_Rep2_peak_32257	40
23846085	23849020	H2AZ_Rep2_peak_32259	46
23957213	23958908	H2AZ_Rep2_peak_32260	128
23985944	23988171	H2AZ_Rep2_peak_32261	49
24052673	24053226	H2AZ_Rep2_peak_32262	53
24089136	24090051	H2AZ_Rep2_peak_32263	19
24283033	24285237	H2AZ_Rep2_peak_32267	20
24341424	24341943	H2AZ_Rep2_peak_32268	31
24361816	24362632	H2AZ_Rep2_peak_32270	30
24492929	24493461	H2AZ_Rep2_peak_32271	40
24535414	24537577	H2AZ_Rep2_peak_32272	135
24562070	24563261	H2AZ_Rep2_peak_32273	38
24681982	24683447	H2AZ_Rep2_peak_32274	17
25490540	25490862	H2AZ_Rep2_peak_32279	32
25704828	25707378	H2AZ_Rep2_peak_32281	46
25824140	25826063	H2AZ_Rep2_peak_32282	72
25831077	25833001	H2AZ_Rep2_peak_32283	86
27235189	27235584	H2AZ_Rep2_peak_32287	48
27352791	27353708	H2AZ_Rep2_peak_32288	38
27366731	27368812	H2AZ_Rep2_peak_32289	61
27524555	27528110	H2AZ_Rep2_peak_32291	111
27722439	27723086	H2AZ_Rep2_peak_32295	35
27749715	27750015	H2AZ_Rep2_peak_32297	18
27753368	27754180	H2AZ_Rep2_peak_32298	45
27763075	27764352	H2AZ_Rep2_peak_32299	65
28280614	28284073	H2AZ_Rep2_peak_32307	129
28389400	28391340	H2AZ_Rep2_peak_32308	69
28499755	28501263	H2AZ_Rep2_peak_32309	44
28631701	28632055	H2AZ_Rep2_peak_32310	38
28634876	28635269	H2AZ_Rep2_peak_32311	29
28638875	28639358	H2AZ_Rep2_peak_32312	28
29321941	29325260	H2AZ_Rep2_peak_32322	101
29365740	29366204	H2AZ_Rep2_peak_32324	23
29376757	29377493	H2AZ_Rep2_peak_32325	20
29724742	29725694	H2AZ_Rep2_peak_32328	46
29800173	29801283	H2AZ_Rep2_peak_32329	21
30412306	30412713	H2AZ_Rep2_peak_32334	15
30537774	30538608	H2AZ_Rep2_peak_32335	111
30552952	30553642	H2AZ_Rep2_peak_32336	22
30647613	30649172	H2AZ_Rep2_peak_32337	91
30730229	30731155	H2AZ_Rep2_peak_32338	44
31119033	31119362	H2AZ_Rep2_peak_32345	24

31133837	31136585	H2AZ_Rep2_peak_32347	14
31212263	31213035	H2AZ_Rep2_peak_32349	87
31253950	31254857	H2AZ_Rep2_peak_32350	48
31315593	31317592	H2AZ_Rep2_peak_32354	49
31329871	31330544	H2AZ_Rep2_peak_32355	65
31398203	31400127	H2AZ_Rep2_peak_32359	78
31572817	31575630	H2AZ_Rep2_peak_32361	73
32021786	32023726	H2AZ_Rep2_peak_32363	170
32078536	32079866	H2AZ_Rep2_peak_32364	43
32086554	32087475	H2AZ_Rep2_peak_32365	116
32147051	32149112	H2AZ_Rep2_peak_32367	177
32317716	32318110	H2AZ_Rep2_peak_32370	28
32543501	32545261	H2AZ_Rep2_peak_32377	118
32611225	32613350	H2AZ_Rep2_peak_32378	82
32725568	32727532	H2AZ_Rep2_peak_32380	124
32822260	32823177	H2AZ_Rep2_peak_32381	183
32955394	32956031	H2AZ_Rep2_peak_32384	58
33074199	33074597	H2AZ_Rep2_peak_32386	32
33137587	33139894	H2AZ_Rep2_peak_32387	112
33154786	33157010	H2AZ_Rep2_peak_32388	106
33215131	33215975	H2AZ_Rep2_peak_32390	16
33318548	33319410	H2AZ_Rep2_peak_32394	35
33397042	33397518	H2AZ_Rep2_peak_32396	47
33479823	33483419	H2AZ_Rep2_peak_32397	124
33758569	33760688	H2AZ_Rep2_peak_32398	102
33828334	33829127	H2AZ_Rep2_peak_32400	32
33839232	33840712	H2AZ_Rep2_peak_32401	156
34098234	34099255	H2AZ_Rep2_peak_32406	26
36421220	36423079	H2AZ_Rep2_peak_32411	66
36694383	36694834	H2AZ_Rep2_peak_32413	63
36721119	36721775	H2AZ_Rep2_peak_32414	32
36949269	36950921	H2AZ_Rep2_peak_32419	122
36953887	36954343	H2AZ_Rep2_peak_32420	21
36999253	37001498	H2AZ_Rep2_peak_32422	28
37033954	37035979	H2AZ_Rep2_peak_32423	117
37216794	37218818	H2AZ_Rep2_peak_32424	63
37284171	37285761	H2AZ_Rep2_peak_32426	178
37631890	37633832	H2AZ_Rep2_peak_32431	39
37901344	37904609	H2AZ_Rep2_peak_32433	88
38030738	38032694	H2AZ_Rep2_peak_32435	21
38037130	38041365	H2AZ_Rep2_peak_32436	90
38044795	38046776	H2AZ_Rep2_peak_32437	24
38065388	38067402	H2AZ_Rep2_peak_32439	129

38072130	38074419	H2AZ_Rep2_peak_32440	148
38177657	38181473	H2AZ_Rep2_peak_32444	62
38193353	38194734	H2AZ_Rep2_peak_32445	23
38204404	38207923	H2AZ_Rep2_peak_32446	87
38368287	38371233	H2AZ_Rep2_peak_32447	14
38387558	38389713	H2AZ_Rep2_peak_32448	148
38494463	38497574	H2AZ_Rep2_peak_32449	65
38537467	38538559	H2AZ_Rep2_peak_32450	133
38870744	38871473	H2AZ_Rep2_peak_32453	77
39092846	39094247	H2AZ_Rep2_peak_32454	271
39148351	39149955	H2AZ_Rep2_peak_32455	128
39194890	39197590	H2AZ_Rep2_peak_32458	19
39207070	39208108	H2AZ_Rep2_peak_32460	35
39209582	39210359	H2AZ_Rep2_peak_32461	23
39216568	39219172	H2AZ_Rep2_peak_32462	27
39221561	39222921	H2AZ_Rep2_peak_32463	63
39424442	39425837	H2AZ_Rep2_peak_32469	102
39447286	39448507	H2AZ_Rep2_peak_32470	33
39474961	39476216	H2AZ_Rep2_peak_32471	21
40157551	40159069	H2AZ_Rep2_peak_32473	46
40173955	40175893	H2AZ_Rep2_peak_32475	85
40350276	40352037	H2AZ_Rep2_peak_32478	107
40493922	40495428	H2AZ_Rep2_peak_32480	199
40498255	40499151	H2AZ_Rep2_peak_32481	69
40517817	40519743	H2AZ_Rep2_peak_32482	77
40565685	40567446	H2AZ_Rep2_peak_32483	196
40980457	40981662	H2AZ_Rep2_peak_32489	28
41011067	41014206	H2AZ_Rep2_peak_32490	44
41067864	41068431	H2AZ_Rep2_peak_32496	47
41143749	41145828	H2AZ_Rep2_peak_32501	25
41158435	41161751	H2AZ_Rep2_peak_32504	66
41179384	41180113	H2AZ_Rep2_peak_32505	16
41240122	41241295	H2AZ_Rep2_peak_32509	27
41549347	41549883	H2AZ_Rep2_peak_32512	28
42002210	42004635	H2AZ_Rep2_peak_32513	117
42054397	42056137	H2AZ_Rep2_peak_32514	66
42102983	42105691	H2AZ_Rep2_peak_32515	27
42201165	42202038	H2AZ_Rep2_peak_32518	107
42531611	42532157	H2AZ_Rep2_peak_32524	24
42538575	42539065	H2AZ_Rep2_peak_32525	92
42548766	42550697	H2AZ_Rep2_peak_32526	21
42622744	42624811	H2AZ_Rep2_peak_32527	102
42631422	42633161	H2AZ_Rep2_peak_32528	37

42641145	42643025	H2AZ_Rep2_peak_32529	54
42693554	42697053	H2AZ_Rep2_peak_32530	56
42844872	42846878	H2AZ_Rep2_peak_32533	113
42922106	42922966	H2AZ_Rep2_peak_32536	23
43146551	43148141	H2AZ_Rep2_peak_32541	70
43197764	43198781	H2AZ_Rep2_peak_32544	14
43220213	43223130	H2AZ_Rep2_peak_32545	54
43226536	43228359	H2AZ_Rep2_peak_32546	68
43231803	43234164	H2AZ_Rep2_peak_32547	30
43327103	43328889	H2AZ_Rep2_peak_32551	67
43625691	43626164	H2AZ_Rep2_peak_32553	13
43662661	43664565	H2AZ_Rep2_peak_32554	134
43680184	43680868	H2AZ_Rep2_peak_32555	139
43687692	43688102	H2AZ_Rep2_peak_32556	31
43731682	43733424	H2AZ_Rep2_peak_32557	104
43777867	43780171	H2AZ_Rep2_peak_32558	49
43800096	43801494	H2AZ_Rep2_peak_32561	86
43810128	43813296	H2AZ_Rep2_peak_32562	76
43814641	43815320	H2AZ_Rep2_peak_32563	99
44379040	44380667	H2AZ_Rep2_peak_32567	87
44517929	44520195	H2AZ_Rep2_peak_32570	178
44551004	44553542	H2AZ_Rep2_peak_32571	88
44665682	44667043	H2AZ_Rep2_peak_32574	103
44689391	44690932	H2AZ_Rep2_peak_32575	90
44802509	44804319	H2AZ_Rep2_peak_32576	140
44902710	44904423	H2AZ_Rep2_peak_32577	136
44924958	44928721	H2AZ_Rep2_peak_32578	42
45016537	45018714	H2AZ_Rep2_peak_32580	103
45085135	45085643	H2AZ_Rep2_peak_32584	25
45185959	45188451	H2AZ_Rep2_peak_32593	57
45196038	45196765	H2AZ_Rep2_peak_32594	44
45207240	45209555	H2AZ_Rep2_peak_32595	53
45221730	45225243	H2AZ_Rep2_peak_32598	69
45251894	45252415	H2AZ_Rep2_peak_32600	48
45260158	45260623	H2AZ_Rep2_peak_32601	40
45266151	45269104	H2AZ_Rep2_peak_32602	51
45422980	45423732	H2AZ_Rep2_peak_32608	45
45429367	45431113	H2AZ_Rep2_peak_32609	103
45634045	45636343	H2AZ_Rep2_peak_32611	143
45718081	45718890	H2AZ_Rep2_peak_32612	44
45729799	45732219	H2AZ_Rep2_peak_32613	86
45882723	45884254	H2AZ_Rep2_peak_32615	110
46036148	46038162	H2AZ_Rep2_peak_32620	184

46139224	46140352	H2AZ_Rep2_peak_32624	28
46204149	46205607	H2AZ_Rep2_peak_32626	97
46422190	46422531	H2AZ_Rep2_peak_32632	29
46434022	46436436	H2AZ_Rep2_peak_32634	21
46445253	46449139	H2AZ_Rep2_peak_32636	35
46463430	46466227	H2AZ_Rep2_peak_32637	29
46530232	46531328	H2AZ_Rep2_peak_32640	70
46557982	46559518	H2AZ_Rep2_peak_32644	23
46584140	46584804	H2AZ_Rep2_peak_32645	55
46598549	46600874	H2AZ_Rep2_peak_32646	42
46649921	46651295	H2AZ_Rep2_peak_32648	41
46701784	46702823	H2AZ_Rep2_peak_32651	22
46734156	46735785	H2AZ_Rep2_peak_32653	69
46920094	46920889	H2AZ_Rep2_peak_32655	56
46944913	46945672	H2AZ_Rep2_peak_32657	27
46950740	46951521	H2AZ_Rep2_peak_32658	50
47017634	47022301	H2AZ_Rep2_peak_32660	92
47017634	47022301	H2AZ_Rep2_peak_32660	92
47204650	47207845	H2AZ_Rep2_peak_32661	78
47322702	47325541	H2AZ_Rep2_peak_32664	154
47421638	47423319	H2AZ_Rep2_peak_32666	104
47462883	47464380	H2AZ_Rep2_peak_32667	28
47516311	47518628	H2AZ_Rep2_peak_32668	108
47553212	47556607	H2AZ_Rep2_peak_32669	89
47562429	47564808	H2AZ_Rep2_peak_32670	148
47822549	47824191	H2AZ_Rep2_peak_32671	67
47830143	47831383	H2AZ_Rep2_peak_32672	19
47843506	47845581	H2AZ_Rep2_peak_32673	95
47865904	47867241	H2AZ_Rep2_peak_32674	125
48129075	48131915	H2AZ_Rep2_peak_32675	57
48165825	48167304	H2AZ_Rep2_peak_32677	34
48192805	48193920	H2AZ_Rep2_peak_32681	52
48228395	48232472	H2AZ_Rep2_peak_32682	75
48235440	48236499	H2AZ_Rep2_peak_32683	33
48274193	48276318	H2AZ_Rep2_peak_32684	87
48281291	48283184	H2AZ_Rep2_peak_32685	118
48341919	48343740	H2AZ_Rep2_peak_32686	64
48360105	48360906	H2AZ_Rep2_peak_32687	13
48470614	48472155	H2AZ_Rep2_peak_32692	63
48475274	48475992	H2AZ_Rep2_peak_32693	40
48481082	48482272	H2AZ_Rep2_peak_32694	146
48487547	48489033	H2AZ_Rep2_peak_32695	110
48514121	48515325	H2AZ_Rep2_peak_32697	105

48541002	48542418 H2AZ_Rep2_peak_32698	38
48544819	48545695 H2AZ_Rep2_peak_32699	124
48593445	48597617 H2AZ_Rep2_peak_32701	48
48631689	48633415 H2AZ_Rep2_peak_32703	81
48646449	48648457 H2AZ_Rep2_peak_32704	204
48651187	48651935 H2AZ_Rep2_peak_32705	64
48672108	48673737 H2AZ_Rep2_peak_32706	81
48700373	48702641 H2AZ_Rep2_peak_32707	37
48722232	48723713 H2AZ_Rep2_peak_32708	94
48754120	48756295 H2AZ_Rep2_peak_32710	95
48777087	48778193 H2AZ_Rep2_peak_32711	39
48884204	48886175 H2AZ_Rep2_peak_32712	136
48934860	48937836 H2AZ_Rep2_peak_32713	137
48955550	48957029 H2AZ_Rep2_peak_32714	85
49026842	49029278 H2AZ_Rep2_peak_32715	150
49043725	49045348 H2AZ_Rep2_peak_32716	64
49054539	49056337 H2AZ_Rep2_peak_32717	72
49057790	49060466 H2AZ_Rep2_peak_32718	49
49130479	49132471 H2AZ_Rep2_peak_32720	66
49141488	49143442 H2AZ_Rep2_peak_32721	159
49157346	49159145 H2AZ_Rep2_peak_32722	85
49169364	49170164 H2AZ_Rep2_peak_32723	82
49172562	49173317 H2AZ_Rep2_peak_32724	41
49203617	49204719 H2AZ_Rep2_peak_32725	439
49208224	49210473 H2AZ_Rep2_peak_32726	82
49282250	49282581 H2AZ_Rep2_peak_32728	50
49376896	49379707 H2AZ_Rep2_peak_32729	81
49382497	49384916 H2AZ_Rep2_peak_32730	42
49388181	49390303 H2AZ_Rep2_peak_32731	40
49394776	49396345 H2AZ_Rep2_peak_32732	30
49449231	49450502 H2AZ_Rep2_peak_32733	97
49466224	49467668 H2AZ_Rep2_peak_32734	98
49481191	49481604 H2AZ_Rep2_peak_32735	47
49486251	49487188 H2AZ_Rep2_peak_32736	75
49491275	49494986 H2AZ_Rep2_peak_32737	54
49496391	49500795 H2AZ_Rep2_peak_32738	30
49502785	49503964 H2AZ_Rep2_peak_32739	48
49506505	49508449 H2AZ_Rep2_peak_32740	64
49537814	49538388 H2AZ_Rep2_peak_32741	16
49576847	49578372 H2AZ_Rep2_peak_32742	113
49590831	49591910 H2AZ_Rep2_peak_32743	66
49643913	49645329 H2AZ_Rep2_peak_32746	33
49710678	49712249 H2AZ_Rep2_peak_32749	52

49726351	49727726	H2AZ_Rep2_peak_32750	63
49760766	49761996	H2AZ_Rep2_peak_32751	55
49823267	49824791	H2AZ_Rep2_peak_32752	124
49837059	49837563	H2AZ_Rep2_peak_32753	55
49839803	49841649	H2AZ_Rep2_peak_32754	126
49850464	49851590	H2AZ_Rep2_peak_32755	71
49893247	49895077	H2AZ_Rep2_peak_32756	155
49939968	49944390	H2AZ_Rep2_peak_32758	49
49939968	49944390	H2AZ_Rep2_peak_32758	49
49966245	49969107	H2AZ_Rep2_peak_32759	128
49976985	49978324	H2AZ_Rep2_peak_32760	93
50125708	50127121	H2AZ_Rep2_peak_32761	172
50191937	50194713	H2AZ_Rep2_peak_32765	26
50232173	50233585	H2AZ_Rep2_peak_32767	25
50263387	50267281	H2AZ_Rep2_peak_32769	119
50274661	50276078	H2AZ_Rep2_peak_32770	27
50283532	50284311	H2AZ_Rep2_peak_32771	14
50301091	50303079	H2AZ_Rep2_peak_32773	29
50306220	50309058	H2AZ_Rep2_peak_32774	26
50329208	50330620	H2AZ_Rep2_peak_32775	82
50336278	50337466	H2AZ_Rep2_peak_32776	113
50340425	50341449	H2AZ_Rep2_peak_32777	36
50358089	50359800	H2AZ_Rep2_peak_32779	70
50365214	50366220	H2AZ_Rep2_peak_32780	39
50373481	50376506	H2AZ_Rep2_peak_32781	37
50377714	50379012	H2AZ_Rep2_peak_32782	79
50387611	50388845	H2AZ_Rep2_peak_32783	85
50396496	50397792	H2AZ_Rep2_peak_32784	227
50604327	50607443	H2AZ_Rep2_peak_32785	83
50638084	50639481	H2AZ_Rep2_peak_32786	126
50648671	50650032	H2AZ_Rep2_peak_32787	50
50652799	50655570	H2AZ_Rep2_peak_32788	94
51375698	51378809	H2AZ_Rep2_peak_32795	60
51381462	51382407	H2AZ_Rep2_peak_32796	30
51420878	51423447	H2AZ_Rep2_peak_32797	104
51427737	51429306	H2AZ_Rep2_peak_32798	96
51533419	51536358	H2AZ_Rep2_peak_32799	81
51571915	51573978	H2AZ_Rep2_peak_32801	196
51702884	51706438	H2AZ_Rep2_peak_32802	63
51975158	51978912	H2AZ_Rep2_peak_32805	49
51987664	51988190	H2AZ_Rep2_peak_32806	35
52000935	52002326	H2AZ_Rep2_peak_32807	46
52007490	52009809	H2AZ_Rep2_peak_32808	118

52016442	52017398	H2AZ_Rep2_peak_32809	154
52034733	52036194	H2AZ_Rep2_peak_32811	24
52079390	52081872	H2AZ_Rep2_peak_32815	147
52088675	52092020	H2AZ_Rep2_peak_32816	109
52187354	52190570	H2AZ_Rep2_peak_32817	78
52209240	52211916	H2AZ_Rep2_peak_32820	21
52215492	52216451	H2AZ_Rep2_peak_32821	52
52229791	52232975	H2AZ_Rep2_peak_32822	48
52250562	52255067	H2AZ_Rep2_peak_32823	54
52250562	52255067	H2AZ_Rep2_peak_32823	54
52271387	52273741	H2AZ_Rep2_peak_32824	117
52277975	52280588	H2AZ_Rep2_peak_32825	59
52311559	52313240	H2AZ_Rep2_peak_32826	36
52321210	52322364	H2AZ_Rep2_peak_32827	97
52443484	52446313	H2AZ_Rep2_peak_32829	60
52478353	52481319	H2AZ_Rep2_peak_32831	92
52478353	52481319	H2AZ_Rep2_peak_32831	92
52487416	52491009	H2AZ_Rep2_peak_32833	88
52566678	52571532	H2AZ_Rep2_peak_32837	79
52566678	52571532	H2AZ_Rep2_peak_32837	79
52599769	52600419	H2AZ_Rep2_peak_32838	23
52719249	52720665	H2AZ_Rep2_peak_32839	41
52738631	52740959	H2AZ_Rep2_peak_32840	193
52803804	52806279	H2AZ_Rep2_peak_32841	136
52809667	52810266	H2AZ_Rep2_peak_32842	15
52864583	52866244	H2AZ_Rep2_peak_32843	38
52930646	52932163	H2AZ_Rep2_peak_32844	115
53032618	53033897	H2AZ_Rep2_peak_32845	134
53078882	53080876	H2AZ_Rep2_peak_32846	46
53106145	53107522	H2AZ_Rep2_peak_32847	39
53163704	53165312	H2AZ_Rep2_peak_32848	134
53183639	53185889	H2AZ_Rep2_peak_32852	123
53192382	53196686	H2AZ_Rep2_peak_32853	56
53292372	53294397	H2AZ_Rep2_peak_32856	16
53298159	53300443	H2AZ_Rep2_peak_32858	28
53302391	53305000	H2AZ_Rep2_peak_32859	84
53380519	53382425	H2AZ_Rep2_peak_32860	109
53384442	53386563	H2AZ_Rep2_peak_32861	23
53391023	53391880	H2AZ_Rep2_peak_32862	33
53552116	53554396	H2AZ_Rep2_peak_32864	38
53559695	53561475	H2AZ_Rep2_peak_32866	23
53743740	53744489	H2AZ_Rep2_peak_32869	76
53878871	53881199	H2AZ_Rep2_peak_32870	109



53915513	53916797	H2AZ_Rep2_peak_32871	92
53925291	53928075	H2AZ_Rep2_peak_32872	44
53961563	53962658	H2AZ_Rep2_peak_32873	50
53972264	53975897	H2AZ_Rep2_peak_32874	24
54029198	54032134	H2AZ_Rep2_peak_32875	38
54037241	54038246	H2AZ_Rep2_peak_32876	17
54039485	54039791	H2AZ_Rep2_peak_32877	14
54079391	54083281	H2AZ_Rep2_peak_32878	37
54155107	54157081	H2AZ_Rep2_peak_32879	44
54180241	54182568	H2AZ_Rep2_peak_32880	54
54312994	54313587	H2AZ_Rep2_peak_32883	21
54354179	54356728	H2AZ_Rep2_peak_32884	21
54387683	54391508	H2AZ_Rep2_peak_32886	22
54393512	54395589	H2AZ_Rep2_peak_32887	21
54459799	54462389	H2AZ_Rep2_peak_32890	22
54590675	54592447	H2AZ_Rep2_peak_32893	32
54888235	54888535	H2AZ_Rep2_peak_32896	15
54897308	54898205	H2AZ_Rep2_peak_32897	62
54924709	54926042	H2AZ_Rep2_peak_32899	106
55095431	55095870	H2AZ_Rep2_peak_32902	14
55161650	55162589	H2AZ_Rep2_peak_32904	24
55194334	55196580	H2AZ_Rep2_peak_32906	125
55203659	55205424	H2AZ_Rep2_peak_32908	42
55219458	55220647	H2AZ_Rep2_peak_32909	19
55223129	55224684	H2AZ_Rep2_peak_32910	64
55226083	55226420	H2AZ_Rep2_peak_32911	42
55316615	55317496	H2AZ_Rep2_peak_32915	13
55396386	55399007	H2AZ_Rep2_peak_32919	19
55401141	55406112	H2AZ_Rep2_peak_32920	37
55514210	55515858	H2AZ_Rep2_peak_32924	57
55518754	55524597	H2AZ_Rep2_peak_32925	89
55631653	55632014	H2AZ_Rep2_peak_32927	19
55654350	55655386	H2AZ_Rep2_peak_32928	34
56590597	56592106	H2AZ_Rep2_peak_32931	223
56716359	56717963	H2AZ_Rep2_peak_32932	75
56835383	56836430	H2AZ_Rep2_peak_32935	62
56957783	56958406	H2AZ_Rep2_peak_32937	35
56962271	56962852	H2AZ_Rep2_peak_32938	26
57014568	57015942	H2AZ_Rep2_peak_32940	41
57039573	57042272	H2AZ_Rep2_peak_32941	38
57094021	57094846	H2AZ_Rep2_peak_32943	21
57102351	57104281	H2AZ_Rep2_peak_32944	73
57112017	57115224	H2AZ_Rep2_peak_32945	158

57142918	57144238	H2AZ_Rep2_peak_32947	33
57145527	57146174	H2AZ_Rep2_peak_32948	15
57198865	57200031	H2AZ_Rep2_peak_32950	113
57203765	57205186	H2AZ_Rep2_peak_32951	130
57213890	57214327	H2AZ_Rep2_peak_32952	72
57230426	57231667	H2AZ_Rep2_peak_32954	47
57261093	57262857	H2AZ_Rep2_peak_32955	114
57462894	57463194	H2AZ_Rep2_peak_32960	19
57541137	57543111	H2AZ_Rep2_peak_32962	190
57582398	57585010	H2AZ_Rep2_peak_32963	52
57677975	57679980	H2AZ_Rep2_peak_32964	33
57695095	57695550	H2AZ_Rep2_peak_32965	52
57736633	57738508	H2AZ_Rep2_peak_32968	25
57741256	57743083	H2AZ_Rep2_peak_32969	72
57933688	57939426	H2AZ_Rep2_peak_32971	55
57944544	57948012	H2AZ_Rep2_peak_32972	64
57957585	57959041	H2AZ_Rep2_peak_32975	37
57963735	57964661	H2AZ_Rep2_peak_32977	29
57967147	57969832	H2AZ_Rep2_peak_32978	36
57967147	57969832	H2AZ_Rep2_peak_32978	36
57975114	57975632	H2AZ_Rep2_peak_32980	49
57984363	57986580	H2AZ_Rep2_peak_32982	52
57991674	57995142	H2AZ_Rep2_peak_32983	27
58190438	58192917	H2AZ_Rep2_peak_32987	76
58199762	58201258	H2AZ_Rep2_peak_32989	27
58202475	58203537	H2AZ_Rep2_peak_32990	137
58207905	58208724	H2AZ_Rep2_peak_32991	33
58222606	58224497	H2AZ_Rep2_peak_32993	135
58291466	58292982	H2AZ_Rep2_peak_32994	45
58316723	58321644	H2AZ_Rep2_peak_32995	87
58418893	58421570	H2AZ_Rep2_peak_32996	90
58448673	58450008	H2AZ_Rep2_peak_32997	56
58455829	58458095	H2AZ_Rep2_peak_32998	79
58459748	58460792	H2AZ_Rep2_peak_32999	18
58471718	58474284	H2AZ_Rep2_peak_33000	181
58476973	58478706	H2AZ_Rep2_peak_33001	91
58518572	58518912	H2AZ_Rep2_peak_33003	43
58569762	58571662	H2AZ_Rep2_peak_33007	90
59803689	59804767	H2AZ_Rep2_peak_33013	38
62429916	62431867	H2AZ_Rep2_peak_33014	19
62592940	62593402	H2AZ_Rep2_peak_33016	28
63848483	63850691	H2AZ_Rep2_peak_33017	37
64008721	64009865	H2AZ_Rep2_peak_33019	61

64016525	64016847	H2AZ_Rep2_peak_33020	42
66023653	66025816	H2AZ_Rep2_peak_33023	79
66096294	66096853	H2AZ_Rep2_peak_33024	50
66101098	66102243	H2AZ_Rep2_peak_33025	21
66270564	66272214	H2AZ_Rep2_peak_33026	50
66491923	66493097	H2AZ_Rep2_peak_33027	17
66551073	66552298	H2AZ_Rep2_peak_33028	44
67704039	67705781	H2AZ_Rep2_peak_33029	95
69061726	69063499	H2AZ_Rep2_peak_33030	52
69100145	69102291	H2AZ_Rep2_peak_33031	60
69128389	69131082	H2AZ_Rep2_peak_33032	17
69133363	69135845	H2AZ_Rep2_peak_33033	51
69170157	69171586	H2AZ_Rep2_peak_33034	46
69191713	69194431	H2AZ_Rep2_peak_33035	43
69248642	69250364	H2AZ_Rep2_peak_33036	64
69280836	69281464	H2AZ_Rep2_peak_33037	35
69482408	69483310	H2AZ_Rep2_peak_33042	53
69787451	69789593	H2AZ_Rep2_peak_33044	88
69914795	69917243	H2AZ_Rep2_peak_33045	95
70322272	70322993	H2AZ_Rep2_peak_33046	20
71032041	71032341	H2AZ_Rep2_peak_33050	28
71112314	71114818	H2AZ_Rep2_peak_33051	25
71178871	71180069	H2AZ_Rep2_peak_33052	39
71515790	71516090	H2AZ_Rep2_peak_33056	23
71552831	71554021	H2AZ_Rep2_peak_33058	30
71630955	71633987	H2AZ_Rep2_peak_33059	46
71773723	71775300	H2AZ_Rep2_peak_33060	30
72323538	72324295	H2AZ_Rep2_peak_33061	26
72386203	72386680	H2AZ_Rep2_peak_33063	63
72388011	72388873	H2AZ_Rep2_peak_33064	28
72495696	72496956	H2AZ_Rep2_peak_33065	59
72531829	72532210	H2AZ_Rep2_peak_33066	37
72536273	72537330	H2AZ_Rep2_peak_33067	55
72771005	72772718	H2AZ_Rep2_peak_33070	54
72896645	72898205	H2AZ_Rep2_peak_33072	112
72936239	72937877	H2AZ_Rep2_peak_33074	93
72987557	72988182	H2AZ_Rep2_peak_33075	53
73044769	73046331	H2AZ_Rep2_peak_33076	116
73143381	73143795	H2AZ_Rep2_peak_33077	34
75485215	75485587	H2AZ_Rep2_peak_33079	16
77805747	77806229	H2AZ_Rep2_peak_33081	65
77874373	77875233	H2AZ_Rep2_peak_33082	55
77978020	77979147	H2AZ_Rep2_peak_33084	20

78097618	78098691	H2AZ_Rep2_peak_33085	38
78916837	78917262	H2AZ_Rep2_peak_33086	27
78967835	78968768	H2AZ_Rep2_peak_33087	26
79066381	79069440	H2AZ_Rep2_peak_33088	55
80782403	80784173	H2AZ_Rep2_peak_33098	25
80974186	80974486	H2AZ_Rep2_peak_33101	21
81153866	81155678	H2AZ_Rep2_peak_33103	38
81772729	81773262	H2AZ_Rep2_peak_33108	43
81810000	81811315	H2AZ_Rep2_peak_33109	43
82212663	82214014	H2AZ_Rep2_peak_33112	76
83983125	83985654	H2AZ_Rep2_peak_33115	36
83994714	83996113	H2AZ_Rep2_peak_33116	23
84002580	84002933	H2AZ_Rep2_peak_33117	24
84650225	84650832	H2AZ_Rep2_peak_33122	12
85007502	85008559	H2AZ_Rep2_peak_33126	57
85536455	85536755	H2AZ_Rep2_peak_33129	22
86842937	86843555	H2AZ_Rep2_peak_33133	12
86972191	86972625	H2AZ_Rep2_peak_33134	67
87038993	87043297	H2AZ_Rep2_peak_33135	61
87038993	87043297	H2AZ_Rep2_peak_33135	61
87118346	87120075	H2AZ_Rep2_peak_33137	23
87275695	87277167	H2AZ_Rep2_peak_33138	123
88080622	88082488	H2AZ_Rep2_peak_33142	82
88107178	88108786	H2AZ_Rep2_peak_33143	35
88198059	88199522	H2AZ_Rep2_peak_33144	107
88483387	88484079	H2AZ_Rep2_peak_33146	14
89995460	89997977	H2AZ_Rep2_peak_33150	54
93668082	93669154	H2AZ_Rep2_peak_33153	53
93691846	93693216	H2AZ_Rep2_peak_33154	101
93698386	93699857	H2AZ_Rep2_peak_33155	51
93780804	93782668	H2AZ_Rep2_peak_33156	103
93877520	93879089	H2AZ_Rep2_peak_33157	65
93880882	93882351	H2AZ_Rep2_peak_33158	65
94131277	94132855	H2AZ_Rep2_peak_33163	24
94654929	94655700	H2AZ_Rep2_peak_33169	46
96531689	96533052	H2AZ_Rep2_peak_33177	51
97482778	97484409	H2AZ_Rep2_peak_33181	148
97539937	97541684	H2AZ_Rep2_peak_33182	64
97690268	97692027	H2AZ_Rep2_peak_33183	48
97757340	97758708	H2AZ_Rep2_peak_33185	47
98240847	98242709	H2AZ_Rep2_peak_33186	51
98311774	98312959	H2AZ_Rep2_peak_33187	70
98619820	98621468	H2AZ_Rep2_peak_33188	52

99356367	99357665	H2AZ_Rep2_peak_33189	77
99535860	99537951	H2AZ_Rep2_peak_33192	152
99978218	99980701	H2AZ_Rep2_peak_33194	115
100052951	100054510	H2AZ_Rep2_peak_33195	209
100119295	100120959	H2AZ_Rep2_peak_33196	150
100210441	100212013	H2AZ_Rep2_peak_33197	75
100308370	100309553	H2AZ_Rep2_peak_33199	31
100321567	100322418	H2AZ_Rep2_peak_33201	13
100427524	100429109	H2AZ_Rep2_peak_33204	63
100594071	100594668	H2AZ_Rep2_peak_33205	65
100601602	100601948	H2AZ_Rep2_peak_33206	13
100617544	100619192	H2AZ_Rep2_peak_33208	27
100755295	100755962	H2AZ_Rep2_peak_33211	20
100784589	100785983	H2AZ_Rep2_peak_33212	33
100788843	100789874	H2AZ_Rep2_peak_33213	18
101231034	101233014	H2AZ_Rep2_peak_33217	84
101237082	101239137	H2AZ_Rep2_peak_33218	119
101279785	101281103	H2AZ_Rep2_peak_33219	118
101291881	101293833	H2AZ_Rep2_peak_33221	86
101354701	101355637	H2AZ_Rep2_peak_33222	62
101394521	101396714	H2AZ_Rep2_peak_33224	103
101404835	101406410	H2AZ_Rep2_peak_33225	67
101442871	101444707	H2AZ_Rep2_peak_33226	151
101496624	101498875	H2AZ_Rep2_peak_33227	152
101567516	101569066	H2AZ_Rep2_peak_33228	18
101658608	101659998	H2AZ_Rep2_peak_33231	47
101914055	101915383	H2AZ_Rep2_peak_33236	44
102117991	102120242	H2AZ_Rep2_peak_33241	18
102229526	102233377	H2AZ_Rep2_peak_33245	34
102248415	102250307	H2AZ_Rep2_peak_33246	31
103821310	103821931	H2AZ_Rep2_peak_33261	49
104009575	104011520	H2AZ_Rep2_peak_33266	23
104029957	104030786	H2AZ_Rep2_peak_33267	27
104041676	104042322	H2AZ_Rep2_peak_33268	50
104670685	104671891	H2AZ_Rep2_peak_33272	31
105084924	105088808	H2AZ_Rep2_peak_33276	211
105120568	105121779	H2AZ_Rep2_peak_33277	94
105586794	105588921	H2AZ_Rep2_peak_33280	141
105689009	105689377	H2AZ_Rep2_peak_33284	29
105716134	105717615	H2AZ_Rep2_peak_33285	90
105722933	105723261	H2AZ_Rep2_peak_33286	32
105743671	105744444	H2AZ_Rep2_peak_33287	34
106064048	106064733	H2AZ_Rep2_peak_33289	64

106446661	106447821	H2AZ_Rep2_peak_33292	46
106464093	106465284	H2AZ_Rep2_peak_33293	51
106783657	106784229	H2AZ_Rep2_peak_33297	16
106937681	106938348	H2AZ_Rep2_peak_33299	19
106941607	106942062	H2AZ_Rep2_peak_33300	25
106954108	106956220	H2AZ_Rep2_peak_33301	44
106959071	106960505	H2AZ_Rep2_peak_33302	178
107085694	107086695	H2AZ_Rep2_peak_33303	16
107110974	107111835	H2AZ_Rep2_peak_33305	47
107149055	107151828	H2AZ_Rep2_peak_33309	97
107241159	107244882	H2AZ_Rep2_peak_33312	83
107705859	107708195	H2AZ_Rep2_peak_33314	47
107808906	107810753	H2AZ_Rep2_peak_33316	130
108190958	108191324	H2AZ_Rep2_peak_33319	16
108307497	108309826	H2AZ_Rep2_peak_33320	134
108581710	108583061	H2AZ_Rep2_peak_33321	36
109735096	109735538	H2AZ_Rep2_peak_33324	26
110132284	110134206	H2AZ_Rep2_peak_33326	28
110139205	110139512	H2AZ_Rep2_peak_33327	36
110287046	110287546	H2AZ_Rep2_peak_33329	20
110382768	110384039	H2AZ_Rep2_peak_33331	23
110689825	110691179	H2AZ_Rep2_peak_33333	45
110789260	110791983	H2AZ_Rep2_peak_33336	92
110965631	110967336	H2AZ_Rep2_peak_33337	26
111392457	111396300	H2AZ_Rep2_peak_33346	110
111570340	111570742	H2AZ_Rep2_peak_33352	21
111577394	111579187	H2AZ_Rep2_peak_33353	54
111697267	111698639	H2AZ_Rep2_peak_33354	120
111762069	111763448	H2AZ_Rep2_peak_33356	31
111793985	111794461	H2AZ_Rep2_peak_33358	55
111804429	111806383	H2AZ_Rep2_peak_33359	84
112021034	112023330	H2AZ_Rep2_peak_33362	37
112109901	112110757	H2AZ_Rep2_peak_33365	22
112132202	112132772	H2AZ_Rep2_peak_33368	15
112279648	112281696	H2AZ_Rep2_peak_33369	135
112337907	112338360	H2AZ_Rep2_peak_33371	13
112358977	112363431	H2AZ_Rep2_peak_33372	72
112358977	112363431	H2AZ_Rep2_peak_33372	72
112390208	112391253	H2AZ_Rep2_peak_33374	27
112395287	112396174	H2AZ_Rep2_peak_33375	31
112418294	112418812	H2AZ_Rep2_peak_33376	51
112496739	112497420	H2AZ_Rep2_peak_33379	22
112518699	112519052	H2AZ_Rep2_peak_33380	13

112613283	112613596	H2AZ_Rep2_peak_33383	20
112709259	112710609	H2AZ_Rep2_peak_33384	145
112737590	112740760	H2AZ_Rep2_peak_33385	91
112770203	112770959	H2AZ_Rep2_peak_33386	44
112884958	112886358	H2AZ_Rep2_peak_33389	53
113231879	113234873	H2AZ_Rep2_peak_33390	100
113254770	113257237	H2AZ_Rep2_peak_33392	25
113276189	113276933	H2AZ_Rep2_peak_33395	34
113344856	113347181	H2AZ_Rep2_peak_33401	32
113414443	113416964	H2AZ_Rep2_peak_33402	175
113464157	113468186	H2AZ_Rep2_peak_33403	84
113554063	113554381	H2AZ_Rep2_peak_33404	34
113557464	113558618	H2AZ_Rep2_peak_33405	130
113666028	113667659	H2AZ_Rep2_peak_33406	105
113774748	113776187	H2AZ_Rep2_peak_33407	185
113871408	113872125	H2AZ_Rep2_peak_33409	133
113932129	113933334	H2AZ_Rep2_peak_33410	23
113993437	113994286	H2AZ_Rep2_peak_33411	44
114342699	114344338	H2AZ_Rep2_peak_33414	71
114786711	114788398	H2AZ_Rep2_peak_33417	14
114790118	114791448	H2AZ_Rep2_peak_33418	26
114819136	114819450	H2AZ_Rep2_peak_33420	28
114864949	114867452	H2AZ_Rep2_peak_33421	39
114913619	114914552	H2AZ_Rep2_peak_33422	16
114936227	114939647	H2AZ_Rep2_peak_33423	24
115078424	115078750	H2AZ_Rep2_peak_33426	28
115155130	115155674	H2AZ_Rep2_peak_33427	47
115376673	115378002	H2AZ_Rep2_peak_33432	65
115502608	115504453	H2AZ_Rep2_peak_33436	51
115507630	115509173	H2AZ_Rep2_peak_33437	27
118196829	118198525	H2AZ_Rep2_peak_33444	19
118262713	118263950	H2AZ_Rep2_peak_33448	81
118561171	118562578	H2AZ_Rep2_peak_33451	17
118570224	118571225	H2AZ_Rep2_peak_33452	21
118864246	118866152	H2AZ_Rep2_peak_33453	51
118894751	118895856	H2AZ_Rep2_peak_33454	37
118958814	118960500	H2AZ_Rep2_peak_33455	84
119012491	119013721	H2AZ_Rep2_peak_33456	76
119041267	119042719	H2AZ_Rep2_peak_33457	86
119181752	119183262	H2AZ_Rep2_peak_33459	139
119186941	119188926	H2AZ_Rep2_peak_33460	221
119216567	119217925	H2AZ_Rep2_peak_33461	119
119278022	119279124	H2AZ_Rep2_peak_33464	60

119337548	119338719	H2AZ_Rep2_peak_33468	52
119395394	119396817	H2AZ_Rep2_peak_33473	103
119513905	119516232	H2AZ_Rep2_peak_33475	61
119812562	119815144	H2AZ_Rep2_peak_33476	40
119863110	119867719	H2AZ_Rep2_peak_33479	33
119871685	119872367	H2AZ_Rep2_peak_33480	125
119878220	119879202	H2AZ_Rep2_peak_33481	55
119888116	119890058	H2AZ_Rep2_peak_33482	30
119893055	119897241	H2AZ_Rep2_peak_33483	53
119899695	119901956	H2AZ_Rep2_peak_33484	18
119922111	119924570	H2AZ_Rep2_peak_33486	24
120067070	120069407	H2AZ_Rep2_peak_33488	69
120134867	120138952	H2AZ_Rep2_peak_33489	100
120154076	120155665	H2AZ_Rep2_peak_33490	64
120167520	120171544	H2AZ_Rep2_peak_33491	52
120276932	120280796	H2AZ_Rep2_peak_33494	62
120285565	120288294	H2AZ_Rep2_peak_33495	44
120314504	120315719	H2AZ_Rep2_peak_33496	176
120341719	120342509	H2AZ_Rep2_peak_33497	22
120379967	120381401	H2AZ_Rep2_peak_33499	31
120397076	120398574	H2AZ_Rep2_peak_33500	26
120460696	120462899	H2AZ_Rep2_peak_33501	104
120573929	120574509	H2AZ_Rep2_peak_33502	15
120577417	120577877	H2AZ_Rep2_peak_33503	12
120613204	120614260	H2AZ_Rep2_peak_33504	22
120950570	120951653	H2AZ_Rep2_peak_33511	38
120960328	120962026	H2AZ_Rep2_peak_33512	34
121081140	121081736	H2AZ_Rep2_peak_33513	31
121264087	121265687	H2AZ_Rep2_peak_33514	166
121271020	121271855	H2AZ_Rep2_peak_33516	29
121279857	121281208	H2AZ_Rep2_peak_33517	27
121340307	121341025	H2AZ_Rep2_peak_33518	24
121468050	121469477	H2AZ_Rep2_peak_33519	52
121553082	121554697	H2AZ_Rep2_peak_33520	133
121713638	121714774	H2AZ_Rep2_peak_33521	76
122024742	122025098	H2AZ_Rep2_peak_33528	33
122101615	122103752	H2AZ_Rep2_peak_33529	100
122134153	122135958	H2AZ_Rep2_peak_33530	105
122233483	122236093	H2AZ_Rep2_peak_33531	44
122282653	122283791	H2AZ_Rep2_peak_33532	74
122317329	122318401	H2AZ_Rep2_peak_33533	25
122328568	122329661	H2AZ_Rep2_peak_33534	119
122388388	122389133	H2AZ_Rep2_peak_33539	41



122397165	122400818	H2AZ_Rep2_peak_33540	106
122512324	122514635	H2AZ_Rep2_peak_33542	43
122612451	122613723	H2AZ_Rep2_peak_33543	50
122661182	122661967	H2AZ_Rep2_peak_33547	26
122746487	122747410	H2AZ_Rep2_peak_33551	22
122785220	122787239	H2AZ_Rep2_peak_33554	105
122919683	122921720	H2AZ_Rep2_peak_33555	179
123302928	123305829	H2AZ_Rep2_peak_33558	126
123371131	123372627	H2AZ_Rep2_peak_33561	20
123407060	123407823	H2AZ_Rep2_peak_33563	23
123441149	123445068	H2AZ_Rep2_peak_33566	84
123679248	123680911	H2AZ_Rep2_peak_33572	110
123966944	123968104	H2AZ_Rep2_peak_33573	114
124303144	124304044	H2AZ_Rep2_peak_33575	26
124339002	124340006	H2AZ_Rep2_peak_33576	38
124448609	124449770	H2AZ_Rep2_peak_33577	207
124564110	124564703	H2AZ_Rep2_peak_33580	64
124605465	124606857	H2AZ_Rep2_peak_33582	96
124619987	124620797	H2AZ_Rep2_peak_33583	48
124773478	124783576	H2AZ_Rep2_peak_33584	45
124826243	124827989	H2AZ_Rep2_peak_33586	60
124834388	124837045	H2AZ_Rep2_peak_33588	76
124844597	124845573	H2AZ_Rep2_peak_33591	49
124847438	124849996	H2AZ_Rep2_peak_33592	74
124855533	124856850	H2AZ_Rep2_peak_33593	21
124863338	124863895	H2AZ_Rep2_peak_33594	20
124865525	124868231	H2AZ_Rep2_peak_33595	34
124883417	124884122	H2AZ_Rep2_peak_33597	15
125093285	125095150	H2AZ_Rep2_peak_33599	82
125152564	125152890	H2AZ_Rep2_peak_33602	14
125159465	125159948	H2AZ_Rep2_peak_33603	23
125238348	125239561	H2AZ_Rep2_peak_33604	123
125313061	125315378	H2AZ_Rep2_peak_33605	63
125321585	125322205	H2AZ_Rep2_peak_33606	59
125351516	125353779	H2AZ_Rep2_peak_33608	70
125485304	125485653	H2AZ_Rep2_peak_33612	87
125635731	125636066	H2AZ_Rep2_peak_33614	25
125774996	125777587	H2AZ_Rep2_peak_33615	152
125800442	125803912	H2AZ_Rep2_peak_33616	35
125800442	125803912	H2AZ_Rep2_peak_33616	35
125916922	125920584	H2AZ_Rep2_peak_33620	35
125926256	125929648	H2AZ_Rep2_peak_33622	57
125979638	125980264	H2AZ_Rep2_peak_33624	104

125985485	125987112	H2AZ_Rep2_peak_33625	61
125989204	125990055	H2AZ_Rep2_peak_33626	13
126074469	126074815	H2AZ_Rep2_peak_33630	32
126076418	126076889	H2AZ_Rep2_peak_33631	58
126108239	126108764	H2AZ_Rep2_peak_33632	60
126193625	126195762	H2AZ_Rep2_peak_33633	103
126226698	126227899	H2AZ_Rep2_peak_33635	28
126242587	126243565	H2AZ_Rep2_peak_33636	30
126292135	126293006	H2AZ_Rep2_peak_33637	100
126373131	126374444	H2AZ_Rep2_peak_33638	60
126422195	126423831	H2AZ_Rep2_peak_33639	154
126500515	126501681	H2AZ_Rep2_peak_33641	46
126629411	126632835	H2AZ_Rep2_peak_33643	74
126700053	126702944	H2AZ_Rep2_peak_33644	98
126754532	126755686	H2AZ_Rep2_peak_33645	51
127265606	127267448	H2AZ_Rep2_peak_33651	77
127278739	127279925	H2AZ_Rep2_peak_33652	230
127308515	127311118	H2AZ_Rep2_peak_33653	39
127316311	127317927	H2AZ_Rep2_peak_33654	38
127347455	127349487	H2AZ_Rep2_peak_33655	27
127391063	127393085	H2AZ_Rep2_peak_33657	23
127394440	127395566	H2AZ_Rep2_peak_33658	72
127408401	127410016	H2AZ_Rep2_peak_33659	31
127415741	127416967	H2AZ_Rep2_peak_33660	56
127457135	127457653	H2AZ_Rep2_peak_33662	43
127464759	127467773	H2AZ_Rep2_peak_33663	73
127487357	127488002	H2AZ_Rep2_peak_33664	87
127539178	127542701	H2AZ_Rep2_peak_33669	103
127770105	127771907	H2AZ_Rep2_peak_33676	170
127842200	127843731	H2AZ_Rep2_peak_33677	108
127871901	127873218	H2AZ_Rep2_peak_33678	91
128122593	128123727	H2AZ_Rep2_peak_33680	88
128134044	128136187	H2AZ_Rep2_peak_33682	26
128143471	128147079	H2AZ_Rep2_peak_33683	58
128206335	128208932	H2AZ_Rep2_peak_33685	36
128255694	128257016	H2AZ_Rep2_peak_33687	39
128265625	128269116	H2AZ_Rep2_peak_33688	48
128272394	128273207	H2AZ_Rep2_peak_33689	81
128278067	128278849	H2AZ_Rep2_peak_33690	48
128302311	128304300	H2AZ_Rep2_peak_33692	29
128327094	128327572	H2AZ_Rep2_peak_33693	59
128368901	128370536	H2AZ_Rep2_peak_33694	64
128398289	128400963	H2AZ_Rep2_peak_33695	150

128443821	128444983	H2AZ_Rep2_peak_33697	122
128568724	128570724	H2AZ_Rep2_peak_33698	45
128597230	128599039	H2AZ_Rep2_peak_33699	95
128745483	128746094	H2AZ_Rep2_peak_33703	22
128772002	128773635	H2AZ_Rep2_peak_33705	38
128838717	128840431	H2AZ_Rep2_peak_33707	42
128879239	128881168	H2AZ_Rep2_peak_33708	83
128902389	128903435	H2AZ_Rep2_peak_33709	37
128914229	128915211	H2AZ_Rep2_peak_33710	142
128930228	128931395	H2AZ_Rep2_peak_33711	36
128941943	128952442	H2AZ_Rep2_peak_33713	73
128957696	128959853	H2AZ_Rep2_peak_33714	41
128967825	128969017	H2AZ_Rep2_peak_33716	218
128997035	128998961	H2AZ_Rep2_peak_33717	59
129035112	129036022	H2AZ_Rep2_peak_33718	116
129117655	129119670	H2AZ_Rep2_peak_33721	105
129132227	129133790	H2AZ_Rep2_peak_33722	84
129158253	129160401	H2AZ_Rep2_peak_33724	80
129305482	129307120	H2AZ_Rep2_peak_33726	66
129323576	129326077	H2AZ_Rep2_peak_33729	71
129330299	129331704	H2AZ_Rep2_peak_33730	59
129343176	129346990	H2AZ_Rep2_peak_33731	101
129512952	129514032	H2AZ_Rep2_peak_33734	72
129611546	129613344	H2AZ_Rep2_peak_33735	97
129652847	129653644	H2AZ_Rep2_peak_33736	30
129829571	129831592	H2AZ_Rep2_peak_33738	53
130464925	130467336	H2AZ_Rep2_peak_33743	31
130611892	130613935	H2AZ_Rep2_peak_33748	144
130744924	130746596	H2AZ_Rep2_peak_33749	129
130936218	130936522	H2AZ_Rep2_peak_33750	42
131068585	131068971	H2AZ_Rep2_peak_33752	16
131099718	131101569	H2AZ_Rep2_peak_33753	96
131220769	131222702	H2AZ_Rep2_peak_33755	134
132035641	132036989	H2AZ_Rep2_peak_33761	67
132135350	132137580	H2AZ_Rep2_peak_33762	98
132204396	132205142	H2AZ_Rep2_peak_33763	14
132377896	132380073	H2AZ_Rep2_peak_33765	282
132440406	132442959	H2AZ_Rep2_peak_33766	89
133179636	133179961	H2AZ_Rep2_peak_33771	46
133254802	133257034	H2AZ_Rep2_peak_33773	57
133259680	133261763	H2AZ_Rep2_peak_33774	138
133291411	133292980	H2AZ_Rep2_peak_33776	89
133380114	133382548	H2AZ_Rep2_peak_33777	95

133523841	133525481	H2AZ_Rep2_peak_33778	184
133614332	133615247	H2AZ_Rep2_peak_33779	21
133710053	133711755	H2AZ_Rep2_peak_33781	29
133754720	133758736	H2AZ_Rep2_peak_33782	49
133785351	133786566	H2AZ_Rep2_peak_33785	32
133796335	133798381	H2AZ_Rep2_peak_33786	29
133810922	133814191	H2AZ_Rep2_peak_33788	32
133968913	133970651	H2AZ_Rep2_peak_33790	23
134009912	134010504	H2AZ_Rep2_peak_33792	34
134018133	134018932	H2AZ_Rep2_peak_33793	46
134026679	134031320	H2AZ_Rep2_peak_33794	47
134026679	134031320	H2AZ_Rep2_peak_33794	47
134039477	134039839	H2AZ_Rep2_peak_33795	23
134044929	134047481	H2AZ_Rep2_peak_33796	35
134050188	134057074	H2AZ_Rep2_peak_33797	50
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134092555	134094729	H2AZ_Rep2_peak_33799	96
134145716	134147868	H2AZ_Rep2_peak_33801	68
134178477	134182182	H2AZ_Rep2_peak_33803	52
134189376	134191454	H2AZ_Rep2_peak_33804	42
134203553	134205807	H2AZ_Rep2_peak_33806	124
135232134	135233302	H2AZ_Rep2_peak_33810	34
135684602	135685476	H2AZ_Rep2_peak_33812	90
135789934	135790838	H2AZ_Rep2_peak_33814	29
135914070	135916678	H2AZ_Rep2_peak_33815	59
135966866	135970278	H2AZ_Rep2_peak_33816	94
136470154	136472939	H2AZ_Rep2_peak_33817	62
136502506	136507436	H2AZ_Rep2_peak_33819	56
136536471	136539257	H2AZ_Rep2_peak_33822	109
136580396	136581917	H2AZ_Rep2_peak_33823	146
136713535	136714931	H2AZ_Rep2_peak_33825	19
136732879	136733628	H2AZ_Rep2_peak_33826	43
137689618	137690335	H2AZ_Rep2_peak_33828	108
137832978	137835224	H2AZ_Rep2_peak_33829	155
137892936	137894449	H2AZ_Rep2_peak_33831	118
137905011	137907424	H2AZ_Rep2_peak_33832	156
138048050	138049035	H2AZ_Rep2_peak_33834	49
138066122	138068380	H2AZ_Rep2_peak_33835	88
138100522	138101422	H2AZ_Rep2_peak_33836	53
138108977	138109450	H2AZ_Rep2_peak_33837	72
138135574	138137189	H2AZ_Rep2_peak_33840	16
138151649	138153857	H2AZ_Rep2_peak_33841	26
138312447	138314145	H2AZ_Rep2_peak_33843	156

138327009	138329004	H2AZ_Rep2_peak_33844	127
138552587	138554797	H2AZ_Rep2_peak_33845	110
138579694	138582949	H2AZ_Rep2_peak_33846	162
138633521	138635911	H2AZ_Rep2_peak_33848	160
138637968	138642970	H2AZ_Rep2_peak_33849	64
138654519	138655891	H2AZ_Rep2_peak_33850	112
138665099	138666890	H2AZ_Rep2_peak_33851	41
138892287	138892992	H2AZ_Rep2_peak_33855	36
138920916	138921316	H2AZ_Rep2_peak_33856	34
139007196	139007722	H2AZ_Rep2_peak_33858	27
139011639	139013221	H2AZ_Rep2_peak_33859	17
139016092	139018936	H2AZ_Rep2_peak_33860	77
139016092	139018936	H2AZ_Rep2_peak_33860	77
139020355	139022393	H2AZ_Rep2_peak_33861	95
139026355	139033041	H2AZ_Rep2_peak_33862	51
139047869	139049605	H2AZ_Rep2_peak_33864	92
139058013	139063546	H2AZ_Rep2_peak_33865	138
139107883	139109414	H2AZ_Rep2_peak_33866	122
139153501	139154031	H2AZ_Rep2_peak_33867	23
139252793	139254609	H2AZ_Rep2_peak_33868	26
139396067	139396860	H2AZ_Rep2_peak_33869	62
140660052	140661698	H2AZ_Rep2_peak_33872	43
140812338	140813274	H2AZ_Rep2_peak_33874	26
140910969	140912230	H2AZ_Rep2_peak_33876	19
140948660	140951741	H2AZ_Rep2_peak_33878	66
141021296	141022906	H2AZ_Rep2_peak_33881	54
141029839	141032757	H2AZ_Rep2_peak_33882	177
141039446	141040401	H2AZ_Rep2_peak_33883	42
141050045	141054049	H2AZ_Rep2_peak_33885	53
141077743	141080731	H2AZ_Rep2_peak_33888	40
141085110	141089743	H2AZ_Rep2_peak_33889	67
141120584	141122131	H2AZ_Rep2_peak_33891	67
141130934	141132092	H2AZ_Rep2_peak_33892	38
141204570	141206271	H2AZ_Rep2_peak_33898	34
141378780	141379469	H2AZ_Rep2_peak_33900	22
141399544	141400135	H2AZ_Rep2_peak_33901	51
141404844	141406123	H2AZ_Rep2_peak_33902	46
141454894	141457988	H2AZ_Rep2_peak_33904	85
141547823	141549786	H2AZ_Rep2_peak_33906	45
141559490	141560558	H2AZ_Rep2_peak_33908	45
141593984	141596460	H2AZ_Rep2_peak_33910	70
141658658	141660176	H2AZ_Rep2_peak_33911	35
141867133	141869079	H2AZ_Rep2_peak_33912	59

141943671	141944971	H2AZ_Rep2_peak_33913	115
141998368	142001546	H2AZ_Rep2_peak_33915	80
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142165954	142167623	H2AZ_Rep2_peak_33916	95
142296729	142298370	H2AZ_Rep2_peak_33917	86
142314494	142317051	H2AZ_Rep2_peak_33919	165
142442428	142443755	H2AZ_Rep2_peak_33920	116
142582067	142582613	H2AZ_Rep2_peak_33922	38
142606827	142608464	H2AZ_Rep2_peak_33923	111
142715215	142721308	H2AZ_Rep2_peak_33931	63
142858117	142859778	H2AZ_Rep2_peak_33932	42
142902189	142902821	H2AZ_Rep2_peak_33934	34
143021485	143022478	H2AZ_Rep2_peak_33938	44
143161556	143165464	H2AZ_Rep2_peak_33941	41
143203403	143204306	H2AZ_Rep2_peak_33943	39
143216316	143217220	H2AZ_Rep2_peak_33944	12
143689471	143692778	H2AZ_Rep2_peak_33949	130
145607617	145608076	H2AZ_Rep2_peak_33953	28
145610374	145610868	H2AZ_Rep2_peak_33954	26
145616281	145616992	H2AZ_Rep2_peak_33955	29
145877536	145879371	H2AZ_Rep2_peak_33957	129
145884277	145885308	H2AZ_Rep2_peak_33959	31
145907162	145907538	H2AZ_Rep2_peak_33960	41
145968219	145969833	H2AZ_Rep2_peak_33962	189
146025356	146026895	H2AZ_Rep2_peak_33963	47
146044416	146045812	H2AZ_Rep2_peak_33964	41
146186909	146188705	H2AZ_Rep2_peak_33969	64
146220590	146221894	H2AZ_Rep2_peak_33971	50
146261727	146263300	H2AZ_Rep2_peak_33972	28
146297719	146301409	H2AZ_Rep2_peak_33973	31
146341893	146343463	H2AZ_Rep2_peak_33975	31
146684076	146685573	H2AZ_Rep2_peak_33981	16
147290164	147290643	H2AZ_Rep2_peak_33998	40
147534593	147535028	H2AZ_Rep2_peak_34001	52
147663747	147665031	H2AZ_Rep2_peak_34004	77
147819043	147819372	H2AZ_Rep2_peak_34005	16
147865059	147866462	H2AZ_Rep2_peak_34007	13
148168591	148169187	H2AZ_Rep2_peak_34011	59
148426055	148426464	H2AZ_Rep2_peak_34020	40
148591190	148592606	H2AZ_Rep2_peak_34025	18
148655175	148655896	H2AZ_Rep2_peak_34027	52
148675281	148675702	H2AZ_Rep2_peak_34029	29
148708542	148710667	H2AZ_Rep2_peak_34030	65

148803351	148805330	H2AZ_Rep2_peak_34031	179
148846648	148848304	H2AZ_Rep2_peak_34033	151
148897006	148898543	H2AZ_Rep2_peak_34034	77
148941359	148943541	H2AZ_Rep2_peak_34036	53
148952614	148953917	H2AZ_Rep2_peak_34038	51
148963265	148966518	H2AZ_Rep2_peak_34039	41
149017966	149019530	H2AZ_Rep2_peak_34045	49
149028349	149029245	H2AZ_Rep2_peak_34046	29
149033018	149035004	H2AZ_Rep2_peak_34047	83
149057352	149061212	H2AZ_Rep2_peak_34049	28
149070246	149071423	H2AZ_Rep2_peak_34050	55
149132481	149132809	H2AZ_Rep2_peak_34056	25
149165907	149168261	H2AZ_Rep2_peak_34059	43
149191895	149194295	H2AZ_Rep2_peak_34060	48
149197455	149199451	H2AZ_Rep2_peak_34061	23
149219436	149219773	H2AZ_Rep2_peak_34063	37
149224335	149227339	H2AZ_Rep2_peak_34064	29
149229873	149230541	H2AZ_Rep2_peak_34065	19
149374124	149377057	H2AZ_Rep2_peak_34066	132
149469408	149472323	H2AZ_Rep2_peak_34069	137
149501483	149502533	H2AZ_Rep2_peak_34072	53
149529775	149532057	H2AZ_Rep2_peak_34074	140
149687621	149689718	H2AZ_Rep2_peak_34075	32
149740482	149740978	H2AZ_Rep2_peak_34076	28
149768354	149769040	H2AZ_Rep2_peak_34077	24
149779318	149780781	H2AZ_Rep2_peak_34079	15
149790588	149792872	H2AZ_Rep2_peak_34081	39
149864980	149865652	H2AZ_Rep2_peak_34088	20
149901573	149902746	H2AZ_Rep2_peak_34089	86
149938596	149942738	H2AZ_Rep2_peak_34090	49
149950856	149953404	H2AZ_Rep2_peak_34092	21
150004053	150004489	H2AZ_Rep2_peak_34094	60
150018525	150020196	H2AZ_Rep2_peak_34095	48
150024831	150026802	H2AZ_Rep2_peak_34096	59
150041711	150043411	H2AZ_Rep2_peak_34097	30
150087954	150089781	H2AZ_Rep2_peak_34098	84
150125231	150128691	H2AZ_Rep2_peak_34100	57
150236322	150237213	H2AZ_Rep2_peak_34104	53
150263526	150265265	H2AZ_Rep2_peak_34105	63
150320341	150322135	H2AZ_Rep2_peak_34106	158
150421050	150423921	H2AZ_Rep2_peak_34110	122
150441794	150444468	H2AZ_Rep2_peak_34113	31
150479642	150482510	H2AZ_Rep2_peak_34114	81

150863528	150864824	H2AZ_Rep2_peak_34124	43
150900413	150902522	H2AZ_Rep2_peak_34126	23
150943809	150946799	H2AZ_Rep2_peak_34128	38
151022580	151025822	H2AZ_Rep2_peak_34130	42
151037797	151038645	H2AZ_Rep2_peak_34131	17
151177287	151179990	H2AZ_Rep2_peak_34135	33
151486283	151489215	H2AZ_Rep2_peak_34137	39
151554734	151555178	H2AZ_Rep2_peak_34138	42
151593529	151594057	H2AZ_Rep2_peak_34142	44
151597686	151599107	H2AZ_Rep2_peak_34143	14
151643372	151645812	H2AZ_Rep2_peak_34146	43
151739735	151740272	H2AZ_Rep2_peak_34147	31
151984130	151988225	H2AZ_Rep2_peak_34151	70
152016136	152017493	H2AZ_Rep2_peak_34152	47
152423303	152425496	H2AZ_Rep2_peak_34157	23
152627344	152628281	H2AZ_Rep2_peak_34158	12
152756369	152756913	H2AZ_Rep2_peak_34162	55
152760979	152761946	H2AZ_Rep2_peak_34163	28
152769280	152770492	H2AZ_Rep2_peak_34164	85
152855690	152857428	H2AZ_Rep2_peak_34166	102
152876839	152881422	H2AZ_Rep2_peak_34167	177
152927225	152927826	H2AZ_Rep2_peak_34169	20
153697564	153698509	H2AZ_Rep2_peak_34173	25
153838689	153839569	H2AZ_Rep2_peak_34175	51
154041485	154043184	H2AZ_Rep2_peak_34178	146
154988351	154988962	H2AZ_Rep2_peak_34185	73
155043154	155044018	H2AZ_Rep2_peak_34186	23
155323440	155323866	H2AZ_Rep2_peak_34190	16
155461431	155462726	H2AZ_Rep2_peak_34193	76
155523210	155524657	H2AZ_Rep2_peak_34195	236
155570966	155573175	H2AZ_Rep2_peak_34196	149
155577463	155577793	H2AZ_Rep2_peak_34197	23
155587043	155589624	H2AZ_Rep2_peak_34198	95
155688335	155688853	H2AZ_Rep2_peak_34199	16
155708822	155713448	H2AZ_Rep2_peak_34200	15
155935667	155936442	H2AZ_Rep2_peak_34207	111
156035538	156036059	H2AZ_Rep2_peak_34214	23
156071070	156071584	H2AZ_Rep2_peak_34216	18
156271937	156273752	H2AZ_Rep2_peak_34218	148
156386050	156386522	H2AZ_Rep2_peak_34222	40
156391383	156393868	H2AZ_Rep2_peak_34223	187
156499264	156500069	H2AZ_Rep2_peak_34228	28
156530484	156531338	H2AZ_Rep2_peak_34229	53



156534429	156537296	H2AZ_Rep2_peak_34230	58
156543663	156546119	H2AZ_Rep2_peak_34231	86
156799217	156800031	H2AZ_Rep2_peak_34234	29
156805793	156808047	H2AZ_Rep2_peak_34235	172
156832858	156833710	H2AZ_Rep2_peak_34239	28
156845780	156849470	H2AZ_Rep2_peak_34240	110
156878061	156878999	H2AZ_Rep2_peak_34242	36
156891973	156893319	H2AZ_Rep2_peak_34243	58
157216581	157218056	H2AZ_Rep2_peak_34251	100
157249758	157251461	H2AZ_Rep2_peak_34252	28
157814264	157816433	H2AZ_Rep2_peak_34260	19
157823402	157824796	H2AZ_Rep2_peak_34261	39
157826866	157828862	H2AZ_Rep2_peak_34262	247
158257468	158257970	H2AZ_Rep2_peak_34263	73
158360759	158362833	H2AZ_Rep2_peak_34264	91
158389557	158390826	H2AZ_Rep2_peak_34265	39
158442325	158443881	H2AZ_Rep2_peak_34267	37
158449207	158450715	H2AZ_Rep2_peak_34269	148
158508564	158509172	H2AZ_Rep2_peak_34270	65
158517451	158520659	H2AZ_Rep2_peak_34271	214
159386883	159387870	H2AZ_Rep2_peak_34276	31
159429531	159429879	H2AZ_Rep2_peak_34277	12
159450109	159450691	H2AZ_Rep2_peak_34278	42
159479906	159483716	H2AZ_Rep2_peak_34279	117
159645850	159649354	H2AZ_Rep2_peak_34281	77
159770195	159770861	H2AZ_Rep2_peak_34284	16
159847152	159848136	H2AZ_Rep2_peak_34289	29
159851767	159853682	H2AZ_Rep2_peak_34290	28
160116097	160118370	H2AZ_Rep2_peak_34295	70
160166653	160169633	H2AZ_Rep2_peak_34296	90
160282264	160284646	H2AZ_Rep2_peak_34299	62
160358829	160360969	H2AZ_Rep2_peak_34300	62
160383610	160384114	H2AZ_Rep2_peak_34302	115
160394859	160396904	H2AZ_Rep2_peak_34304	40
160412175	160413279	H2AZ_Rep2_peak_34305	22
160472386	160475350	H2AZ_Rep2_peak_34309	117
160818695	160819227	H2AZ_Rep2_peak_34312	60
160937961	160939607	H2AZ_Rep2_peak_34317	77
161134061	161134414	H2AZ_Rep2_peak_34322	41
161317940	161318776	H2AZ_Rep2_peak_34324	17
161572094	161572999	H2AZ_Rep2_peak_34327	23
162691320	162692064	H2AZ_Rep2_peak_34335	24
162702366	162703545	H2AZ_Rep2_peak_34336	23

162715665	162716543	H2AZ_Rep2_peak_34337	19
163079112	163079661	H2AZ_Rep2_peak_34343	18
163176431	163177411	H2AZ_Rep2_peak_34346	16
163181198	163181908	H2AZ_Rep2_peak_34347	19
163213578	163216720	H2AZ_Rep2_peak_34348	26
163213578	163216720	H2AZ_Rep2_peak_34348	26
163226021	163226944	H2AZ_Rep2_peak_34349	29
163229216	163229570	H2AZ_Rep2_peak_34350	49
163231149	163231708	H2AZ_Rep2_peak_34351	17
163275032	163275519	H2AZ_Rep2_peak_34355	22
163278570	163280535	H2AZ_Rep2_peak_34356	21
163490696	163491563	H2AZ_Rep2_peak_34361	42
163527393	163527800	H2AZ_Rep2_peak_34363	45
163642319	163642982	H2AZ_Rep2_peak_34365	41
164078020	164079393	H2AZ_Rep2_peak_34373	41
164177944	164178892	H2AZ_Rep2_peak_34374	18
164596672	164597255	H2AZ_Rep2_peak_34379	45
164668623	164670036	H2AZ_Rep2_peak_34381	63
164857742	164858231	H2AZ_Rep2_peak_34384	22
164977504	164977959	H2AZ_Rep2_peak_34388	47
165060425	165061032	H2AZ_Rep2_peak_34389	11
165177689	165178482	H2AZ_Rep2_peak_34392	41
165361164	165361559	H2AZ_Rep2_peak_34394	34
165400745	165402352	H2AZ_Rep2_peak_34395	36
165523165	165524509	H2AZ_Rep2_peak_34398	29
165592220	165593274	H2AZ_Rep2_peak_34399	21
165601710	165602512	H2AZ_Rep2_peak_34400	128
166001047	166003350	H2AZ_Rep2_peak_34403	34
166009018	166010091	H2AZ_Rep2_peak_34404	55
166085846	166087385	H2AZ_Rep2_peak_34406	41
166673416	166673981	H2AZ_Rep2_peak_34414	66
166795668	166796430	H2AZ_Rep2_peak_34415	61
167451950	167454795	H2AZ_Rep2_peak_34425	133
167531067	167532840	H2AZ_Rep2_peak_34429	38
167537914	167539263	H2AZ_Rep2_peak_34430	17
167578597	167580206	H2AZ_Rep2_peak_34432	13
167604435	167605219	H2AZ_Rep2_peak_34434	15
167812492	167815547	H2AZ_Rep2_peak_34437	133
167872078	167874389	H2AZ_Rep2_peak_34438	16
167966612	167967771	H2AZ_Rep2_peak_34441	35
168081080	168081803	H2AZ_Rep2_peak_34442	43
168142772	168144117	H2AZ_Rep2_peak_34444	51
168184689	168185589	H2AZ_Rep2_peak_34445	22

168426910	168427224	H2AZ_Rep2_peak_34447	29
168863699	168865630	H2AZ_Rep2_peak_34453	82
168866973	168867745	H2AZ_Rep2_peak_34454	99
168936076	168936733	H2AZ_Rep2_peak_34455	26
168949590	168951356	H2AZ_Rep2_peak_34456	84
169066351	169067596	H2AZ_Rep2_peak_34459	32
169148464	169149566	H2AZ_Rep2_peak_34460	32
169379627	169382080	H2AZ_Rep2_peak_34461	114
169386280	169387467	H2AZ_Rep2_peak_34462	45
169477941	169479017	H2AZ_Rep2_peak_34465	93
169481989	169483434	H2AZ_Rep2_peak_34466	51
169485966	169487963	H2AZ_Rep2_peak_34467	52
169489346	169491781	H2AZ_Rep2_peak_34468	122
169632160	169632775	H2AZ_Rep2_peak_34476	16
169683780	169685415	H2AZ_Rep2_peak_34479	155
169755336	169756481	H2AZ_Rep2_peak_34484	82
169763883	169767619	H2AZ_Rep2_peak_34485	20
169898389	169901089	H2AZ_Rep2_peak_34486	145
169906651	169907994	H2AZ_Rep2_peak_34487	39
169938764	169941425	H2AZ_Rep2_peak_34488	108
170028126	170028498	H2AZ_Rep2_peak_34489	48
170061723	170063481	H2AZ_Rep2_peak_34493	27
170066987	170069256	H2AZ_Rep2_peak_34494	27
170073550	170074623	H2AZ_Rep2_peak_34495	84
170223896	170225434	H2AZ_Rep2_peak_34500	65
170444375	170445612	H2AZ_Rep2_peak_34506	43
170469008	170470677	H2AZ_Rep2_peak_34507	49
170533063	170533937	H2AZ_Rep2_peak_34511	11
170587659	170588840	H2AZ_Rep2_peak_34512	100
170625431	170627792	H2AZ_Rep2_peak_34513	59
170715598	170716884	H2AZ_Rep2_peak_34515	23
170891282	170892046	H2AZ_Rep2_peak_34518	35
170978908	170980026	H2AZ_Rep2_peak_34520	35
171176915	171179512	H2AZ_Rep2_peak_34521	176
171241824	171242208	H2AZ_Rep2_peak_34523	31
171429989	171432372	H2AZ_Rep2_peak_34524	52
171488813	171489510	H2AZ_Rep2_peak_34525	44
171509301	171510660	H2AZ_Rep2_peak_34526	92
171527111	171529955	H2AZ_Rep2_peak_34529	51
171541992	171543391	H2AZ_Rep2_peak_34532	90
171566851	171569667	H2AZ_Rep2_peak_34534	31
171590688	171592929	H2AZ_Rep2_peak_34536	20
171596265	171597300	H2AZ_Rep2_peak_34537	12

171652764	171658027	H2AZ_Rep2_peak_34543	61
171661239	171662614	H2AZ_Rep2_peak_34544	41
171670999	171675152	H2AZ_Rep2_peak_34546	28
171676889	171679348	H2AZ_Rep2_peak_34547	45
171684561	171686076	H2AZ_Rep2_peak_34548	77
171688102	171688601	H2AZ_Rep2_peak_34549	95
171749668	171750173	H2AZ_Rep2_peak_34553	23
171756618	171758806	H2AZ_Rep2_peak_34554	23
172194062	172195539	H2AZ_Rep2_peak_34557	99
172233052	172235189	H2AZ_Rep2_peak_34559	87
172240817	172241729	H2AZ_Rep2_peak_34560	139
172263787	172264575	H2AZ_Rep2_peak_34561	21
172279728	172280124	H2AZ_Rep2_peak_34562	26
172281507	172282678	H2AZ_Rep2_peak_34563	24
172304231	172304633	H2AZ_Rep2_peak_34564	30
172308797	172310954	H2AZ_Rep2_peak_34565	16
172313189	172314492	H2AZ_Rep2_peak_34566	22
172427760	172429561	H2AZ_Rep2_peak_34569	134
172468433	172468867	H2AZ_Rep2_peak_34573	30
172557333	172557794	H2AZ_Rep2_peak_34574	31
172585713	172587960	H2AZ_Rep2_peak_34575	21
172635511	172637108	H2AZ_Rep2_peak_34577	17
174157314	174160026	H2AZ_Rep2_peak_34588	101
174777323	174778047	H2AZ_Rep2_peak_34590	27
175390021	175390321	H2AZ_Rep2_peak_34594	19
176913167	176916767	H2AZ_Rep2_peak_34602	54
176919157	176919644	H2AZ_Rep2_peak_34603	11
176981447	176981923	H2AZ_Rep2_peak_34606	22
177002128	177002758	H2AZ_Rep2_peak_34608	48
177062836	177064159	H2AZ_Rep2_peak_34612	123
177074120	177078227	H2AZ_Rep2_peak_34613	71
177137986	177138472	H2AZ_Rep2_peak_34615	71
177337101	177337401	H2AZ_Rep2_peak_34621	26
177541631	177542401	H2AZ_Rep2_peak_34627	28
178788581	178791752	H2AZ_Rep2_peak_34632	189
178864578	178867408	H2AZ_Rep2_peak_34634	121
178977818	178979747	H2AZ_Rep2_peak_34635	64
179033610	179034611	H2AZ_Rep2_peak_34639	36
179039229	179041992	H2AZ_Rep2_peak_34640	135
179064980	179066377	H2AZ_Rep2_peak_34641	159
179168001	179170027	H2AZ_Rep2_peak_34642	79
179244451	179247010	H2AZ_Rep2_peak_34644	40
179279487	179281755	H2AZ_Rep2_peak_34645	81

179321830	179323379	H2AZ_Rep2_peak_34646	154
179367171	179367651	H2AZ_Rep2_peak_34648	70
179370041	179372428	H2AZ_Rep2_peak_34649	120
179529156	179529778	H2AZ_Rep2_peak_34651	29
179691727	179692290	H2AZ_Rep2_peak_34654	63
180123720	180124028	H2AZ_Rep2_peak_34656	20
180138974	180140232	H2AZ_Rep2_peak_34657	30
180318919	180320833	H2AZ_Rep2_peak_34661	247
180628202	180631075	H2AZ_Rep2_peak_34666	136
180706754	180708885	H2AZ_Rep2_peak_34667	170
182510413	182512477	H2AZ_Rep2_peak_34686	201
182696220	182701844	H2AZ_Rep2_peak_34687	39
182816338	182818720	H2AZ_Rep2_peak_34692	250
182834166	182836484	H2AZ_Rep2_peak_34693	24
182970832	182973296	H2AZ_Rep2_peak_34706	111
183003373	183005884	H2AZ_Rep2_peak_34707	50
183088562	183089252	H2AZ_Rep2_peak_34710	83
183164932	183166078	H2AZ_Rep2_peak_34717	246
183186978	183187609	H2AZ_Rep2_peak_34718	36
183251355	183251693	H2AZ_Rep2_peak_34721	23
183352494	183355148	H2AZ_Rep2_peak_34730	118
183411915	183417053	H2AZ_Rep2_peak_34732	95
183542332	183544334	H2AZ_Rep2_peak_34733	105
183601723	183603802	H2AZ_Rep2_peak_34734	159
183734551	183736489	H2AZ_Rep2_peak_34738	351
183785524	183785824	H2AZ_Rep2_peak_34743	29
183817711	183819234	H2AZ_Rep2_peak_34744	23
183828119	183828666	H2AZ_Rep2_peak_34746	170
183851293	183853990	H2AZ_Rep2_peak_34747	203
183871603	183874418	H2AZ_Rep2_peak_34748	129
183892586	183894688	H2AZ_Rep2_peak_34749	77
183903215	183904783	H2AZ_Rep2_peak_34750	155
183945723	183947833	H2AZ_Rep2_peak_34752	98
183951735	183952225	H2AZ_Rep2_peak_34753	92
183966112	183968265	H2AZ_Rep2_peak_34754	221
183978365	183980274	H2AZ_Rep2_peak_34755	190
184016267	184017687	H2AZ_Rep2_peak_34760	137
184053608	184055187	H2AZ_Rep2_peak_34762	68
184078651	184081624	H2AZ_Rep2_peak_34764	86
184161199	184162963	H2AZ_Rep2_peak_34773	37
184166348	184167282	H2AZ_Rep2_peak_34774	47
184261363	184262189	H2AZ_Rep2_peak_34779	35
184297231	184298409	H2AZ_Rep2_peak_34783	13

184318643	184319080	H2AZ_Rep2_peak_34785	29
184368458	184370636	H2AZ_Rep2_peak_34789	41
184428672	184430577	H2AZ_Rep2_peak_34793	171
184433949	184435648	H2AZ_Rep2_peak_34794	59
184509024	184509550	H2AZ_Rep2_peak_34800	16
184524348	184525756	H2AZ_Rep2_peak_34801	39
184528047	184530931	H2AZ_Rep2_peak_34802	111
184788005	184789799	H2AZ_Rep2_peak_34803	29
184934058	184934999	H2AZ_Rep2_peak_34808	20
184971553	184972286	H2AZ_Rep2_peak_34809	97
185000001	185001487	H2AZ_Rep2_peak_34811	241
185034217	185036259	H2AZ_Rep2_peak_34812	54
185050026	185050719	H2AZ_Rep2_peak_34813	48
185059972	185061216	H2AZ_Rep2_peak_34814	50
185081052	185082334	H2AZ_Rep2_peak_34815	28
185139392	185141964	H2AZ_Rep2_peak_34817	38
185178263	185178988	H2AZ_Rep2_peak_34818	19
185191091	185192617	H2AZ_Rep2_peak_34819	29
185216066	185217749	H2AZ_Rep2_peak_34821	144
185253072	185255289	H2AZ_Rep2_peak_34822	33
185270243	185274373	H2AZ_Rep2_peak_34823	25
185275692	185277657	H2AZ_Rep2_peak_34824	54
185292920	185293511	H2AZ_Rep2_peak_34825	53
185301774	185304817	H2AZ_Rep2_peak_34827	200
185372156	185378575	H2AZ_Rep2_peak_34829	69
185406451	185407322	H2AZ_Rep2_peak_34831	141
185419462	185421946	H2AZ_Rep2_peak_34833	60
185426349	185427402	H2AZ_Rep2_peak_34834	23
185429195	185429658	H2AZ_Rep2_peak_34835	15
185445544	185448087	H2AZ_Rep2_peak_34837	17
185463022	185464344	H2AZ_Rep2_peak_34840	29
185484767	185485224	H2AZ_Rep2_peak_34843	25
185504017	185504329	H2AZ_Rep2_peak_34844	38
185529899	185532107	H2AZ_Rep2_peak_34845	17
185540974	185543919	H2AZ_Rep2_peak_34846	67
185655060	185656422	H2AZ_Rep2_peak_34851	93
185660022	185661751	H2AZ_Rep2_peak_34852	94
185674099	185679167	H2AZ_Rep2_peak_34853	34
185825480	185827959	H2AZ_Rep2_peak_34857	66
185974750	185978991	H2AZ_Rep2_peak_34862	43
186131111	186132297	H2AZ_Rep2_peak_34866	48
186284140	186286095	H2AZ_Rep2_peak_34872	230
186287562	186289279	H2AZ_Rep2_peak_34873	113

186316657	186318023	H2AZ_Rep2_peak_34875	66
186334917	186335598	H2AZ_Rep2_peak_34879	176
186386739	186387660	H2AZ_Rep2_peak_34885	36
186438178	186440730	H2AZ_Rep2_peak_34890	52
186461530	186467361	H2AZ_Rep2_peak_34892	20
186461530	186467361	H2AZ_Rep2_peak_34892	20
186469485	186471904	H2AZ_Rep2_peak_34893	60
186478504	186479218	H2AZ_Rep2_peak_34894	21
186500375	186502023	H2AZ_Rep2_peak_34895	137
186523733	186525348	H2AZ_Rep2_peak_34896	193
186533183	186533511	H2AZ_Rep2_peak_34897	27
186539526	186540345	H2AZ_Rep2_peak_34898	37
186543594	186545740	H2AZ_Rep2_peak_34899	60
186578658	186579185	H2AZ_Rep2_peak_34901	29
186664952	186666437	H2AZ_Rep2_peak_34903	14
186691340	186695234	H2AZ_Rep2_peak_34907	38
186734570	186735509	H2AZ_Rep2_peak_34909	39
186758518	186760206	H2AZ_Rep2_peak_34911	28
186802581	186803184	H2AZ_Rep2_peak_34913	19
186819038	186820495	H2AZ_Rep2_peak_34914	151
186856473	186857987	H2AZ_Rep2_peak_34915	151
186904311	186905399	H2AZ_Rep2_peak_34917	38
186940306	186942003	H2AZ_Rep2_peak_34918	34
186943376	186946695	H2AZ_Rep2_peak_34919	14
186965183	186965616	H2AZ_Rep2_peak_34920	26
187003318	187005342	H2AZ_Rep2_peak_34922	72
187035129	187037614	H2AZ_Rep2_peak_34925	116
187344796	187349423	H2AZ_Rep2_peak_34932	20
187357524	187358829	H2AZ_Rep2_peak_34933	25
187390597	187391057	H2AZ_Rep2_peak_34935	52
187431648	187434657	H2AZ_Rep2_peak_34937	23
187458583	187459604	H2AZ_Rep2_peak_34938	23
187461601	187463873	H2AZ_Rep2_peak_34939	67
187567407	187568710	H2AZ_Rep2_peak_34942	49
187630691	187633363	H2AZ_Rep2_peak_34946	48
187659399	187663106	H2AZ_Rep2_peak_34948	60
187666668	187673300	H2AZ_Rep2_peak_34950	50
187666668	187673300	H2AZ_Rep2_peak_34950	50
187686052	187689745	H2AZ_Rep2_peak_34952	23
187704296	187706151	H2AZ_Rep2_peak_34953	50
187738748	187740521	H2AZ_Rep2_peak_34956	23
187754415	187756188	H2AZ_Rep2_peak_34957	38
187870668	187873245	H2AZ_Rep2_peak_34961	110

187983943	187984419	H2AZ_Rep2_peak_34962	17
188598939	188600278	H2AZ_Rep2_peak_34966	57
188664708	188667273	H2AZ_Rep2_peak_34968	170
188668626	188669698	H2AZ_Rep2_peak_34969	38
188994290	188996163	H2AZ_Rep2_peak_34987	54
189010435	189011807	H2AZ_Rep2_peak_34988	63
189022318	189023225	H2AZ_Rep2_peak_34989	53
189027230	189027893	H2AZ_Rep2_peak_34990	93
189034075	189034877	H2AZ_Rep2_peak_34991	49
189040316	189043401	H2AZ_Rep2_peak_34992	14
189071963	189074001	H2AZ_Rep2_peak_34994	121
189110854	189112387	H2AZ_Rep2_peak_34995	15
189206116	189209151	H2AZ_Rep2_peak_34996	29
189302422	189303172	H2AZ_Rep2_peak_34999	37
189305510	189308200	H2AZ_Rep2_peak_35000	24
189403694	189404281	H2AZ_Rep2_peak_35001	26
189473698	189474672	H2AZ_Rep2_peak_35003	21
189489514	189491329	H2AZ_Rep2_peak_35004	55
189541228	189542465	H2AZ_Rep2_peak_35006	18
189579369	189581535	H2AZ_Rep2_peak_35008	25
189626415	189627109	H2AZ_Rep2_peak_35009	17
189645952	189646424	H2AZ_Rep2_peak_35010	57
189721308	189721848	H2AZ_Rep2_peak_35015	26
189749603	189750581	H2AZ_Rep2_peak_35016	27
189766500	189767112	H2AZ_Rep2_peak_35017	66
189947774	189948195	H2AZ_Rep2_peak_35021	20
189983610	189984433	H2AZ_Rep2_peak_35022	39
190039409	190041124	H2AZ_Rep2_peak_35024	142
190056670	190057334	H2AZ_Rep2_peak_35025	35
190062617	190065725	H2AZ_Rep2_peak_35026	31
190087643	190087955	H2AZ_Rep2_peak_35027	26
190092101	190092437	H2AZ_Rep2_peak_35028	27
190096033	190096610	H2AZ_Rep2_peak_35029	38
190103967	190104357	H2AZ_Rep2_peak_35030	37
190142071	190142456	H2AZ_Rep2_peak_35032	17
190164391	190165033	H2AZ_Rep2_peak_35033	58
190230728	190233123	H2AZ_Rep2_peak_35036	147
190250892	190251946	H2AZ_Rep2_peak_35038	57
190283922	190284906	H2AZ_Rep2_peak_35039	64
190303938	190304705	H2AZ_Rep2_peak_35040	19
190579433	190581242	H2AZ_Rep2_peak_35045	83
190690151	190690968	H2AZ_Rep2_peak_35047	33
190956089	190957223	H2AZ_Rep2_peak_35050	46



190976496	190976977	H2AZ_Rep2_peak_35051	19
191046119	191048799	H2AZ_Rep2_peak_35053	97
191479766	191480638	H2AZ_Rep2_peak_35055	50
191491700	191494423	H2AZ_Rep2_peak_35057	50
191820975	191822088	H2AZ_Rep2_peak_35058	42
191925182	191925737	H2AZ_Rep2_peak_35060	51
191992403	191994289	H2AZ_Rep2_peak_35061	18
192288738	192289668	H2AZ_Rep2_peak_35065	74
192401963	192402292	H2AZ_Rep2_peak_35066	26
192610957	192611415	H2AZ_Rep2_peak_35070	20
192634251	192636366	H2AZ_Rep2_peak_35071	160
192673910	192676118	H2AZ_Rep2_peak_35073	103
193109879	193110466	H2AZ_Rep2_peak_35076	45
193307872	193308639	H2AZ_Rep2_peak_35080	76
193310058	193311881	H2AZ_Rep2_peak_35081	190
193587163	193589061	H2AZ_Rep2_peak_35088	33
193720552	193722633	H2AZ_Rep2_peak_35098	92
193787057	193790948	H2AZ_Rep2_peak_35101	68
193805675	193809687	H2AZ_Rep2_peak_35103	85
193813058	193817786	H2AZ_Rep2_peak_35104	57
193830280	193830906	H2AZ_Rep2_peak_35106	34
193851288	193855934	H2AZ_Rep2_peak_35107	77
193858452	193861515	H2AZ_Rep2_peak_35108	45
193868125	193868653	H2AZ_Rep2_peak_35110	46
193923328	193924384	H2AZ_Rep2_peak_35118	42
194014361	194018548	H2AZ_Rep2_peak_35127	88
194014361	194018548	H2AZ_Rep2_peak_35127	88
194032742	194033583	H2AZ_Rep2_peak_35129	115
194039726	194042112	H2AZ_Rep2_peak_35130	47
194052870	194054893	H2AZ_Rep2_peak_35132	97
194085133	194086925	H2AZ_Rep2_peak_35137	29
194090110	194091834	H2AZ_Rep2_peak_35138	89
194207903	194210900	H2AZ_Rep2_peak_35141	43
194214766	194215980	H2AZ_Rep2_peak_35142	49
194247401	194248361	H2AZ_Rep2_peak_35144	25
194257846	194258894	H2AZ_Rep2_peak_35145	72
194268354	194271777	H2AZ_Rep2_peak_35146	22
194276224	194277830	H2AZ_Rep2_peak_35148	58
194291135	194294939	H2AZ_Rep2_peak_35151	111
194298462	194299060	H2AZ_Rep2_peak_35153	64
194303314	194305306	H2AZ_Rep2_peak_35154	97
194353167	194354838	H2AZ_Rep2_peak_35155	157
194392298	194393956	H2AZ_Rep2_peak_35157	110

194400569	194404118	H2AZ_Rep2_peak_35159	84
194405455	194407230	H2AZ_Rep2_peak_35160	91
194450571	194451908	H2AZ_Rep2_peak_35164	58
194461417	194462219	H2AZ_Rep2_peak_35166	36
194488280	194490648	H2AZ_Rep2_peak_35168	123
194544927	194546769	H2AZ_Rep2_peak_35173	49
194561067	194562323	H2AZ_Rep2_peak_35174	33
194591393	194593235	H2AZ_Rep2_peak_35177	63
194722290	194725387	H2AZ_Rep2_peak_35185	36
194748517	194755907	H2AZ_Rep2_peak_35189	44
194748517	194755907	H2AZ_Rep2_peak_35189	44
194760364	194761909	H2AZ_Rep2_peak_35190	41
194819525	194821974	H2AZ_Rep2_peak_35195	15
194823524	194825376	H2AZ_Rep2_peak_35196	67
194906326	194906975	H2AZ_Rep2_peak_35198	15
194990749	194993099	H2AZ_Rep2_peak_35202	139
195162284	195165314	H2AZ_Rep2_peak_35203	122
195269772	195270738	H2AZ_Rep2_peak_35208	56
195272677	195275681	H2AZ_Rep2_peak_35209	27
195475603	195476173	H2AZ_Rep2_peak_35216	74
195550066	195551101	H2AZ_Rep2_peak_35219	53
195570782	195571873	H2AZ_Rep2_peak_35221	17
195573479	195576111	H2AZ_Rep2_peak_35222	101
195577602	195578322	H2AZ_Rep2_peak_35223	27
195580767	195581948	H2AZ_Rep2_peak_35224	68
195585979	195586811	H2AZ_Rep2_peak_35225	36
195602379	195604154	H2AZ_Rep2_peak_35226	46
195621581	195624118	H2AZ_Rep2_peak_35227	129
195635824	195639180	H2AZ_Rep2_peak_35228	74
195641522	195642084	H2AZ_Rep2_peak_35229	32
195717258	195717880	H2AZ_Rep2_peak_35231	45
195807987	195810619	H2AZ_Rep2_peak_35232	130
195834967	195835796	H2AZ_Rep2_peak_35233	194
195837132	195838000	H2AZ_Rep2_peak_35234	92
195853680	195855509	H2AZ_Rep2_peak_35235	131
195862539	195863837	H2AZ_Rep2_peak_35237	107
195865310	195866576	H2AZ_Rep2_peak_35238	60
195886521	195887873	H2AZ_Rep2_peak_35240	82
195890222	195893189	H2AZ_Rep2_peak_35241	74
195895553	195897013	H2AZ_Rep2_peak_35242	49
195906230	195908372	H2AZ_Rep2_peak_35243	61
195919383	195922443	H2AZ_Rep2_peak_35244	104
196006161	196006698	H2AZ_Rep2_peak_35247	46

196013702	196015439	H2AZ_Rep2_peak_35248	265
196044276	196047397	H2AZ_Rep2_peak_35249	107
196063405	196067050	H2AZ_Rep2_peak_35250	115
196158165	196160082	H2AZ_Rep2_peak_35251	198
196229586	196234922	H2AZ_Rep2_peak_35252	52
196245456	196248037	H2AZ_Rep2_peak_35254	58
196255363	196256232	H2AZ_Rep2_peak_35255	91
196294732	196296799	H2AZ_Rep2_peak_35259	90
196336447	196340088	H2AZ_Rep2_peak_35262	123
196336447	196340088	H2AZ_Rep2_peak_35262	123
196353891	196354876	H2AZ_Rep2_peak_35263	22
196358510	196360207	H2AZ_Rep2_peak_35264	176
196377806	196378582	H2AZ_Rep2_peak_35266	57
196411553	196412433	H2AZ_Rep2_peak_35268	105
196438290	196440193	H2AZ_Rep2_peak_35272	175
196466807	196467986	H2AZ_Rep2_peak_35273	35
196593939	196595546	H2AZ_Rep2_peak_35276	124
196668203	196670251	H2AZ_Rep2_peak_35278	131
196695084	196697874	H2AZ_Rep2_peak_35281	104
196729440	196730780	H2AZ_Rep2_peak_35286	23
196756190	196759039	H2AZ_Rep2_peak_35287	61
197023953	197027034	H2AZ_Rep2_peak_35289	152
197035462	197038394	H2AZ_Rep2_peak_35290	104
197064356	197067398	H2AZ_Rep2_peak_35291	21
197153158	197155662	H2AZ_Rep2_peak_35296	41
197191884	197194517	H2AZ_Rep2_peak_35298	144
197198234	197199431	H2AZ_Rep2_peak_35299	48
197205356	197206488	H2AZ_Rep2_peak_35300	121
197213721	197219363	H2AZ_Rep2_peak_35301	53
197213721	197219363	H2AZ_Rep2_peak_35301	53
197221248	197222057	H2AZ_Rep2_peak_35302	19
197226259	197233093	H2AZ_Rep2_peak_35303	57
197226259	197233093	H2AZ_Rep2_peak_35303	57
197236568	197237684	H2AZ_Rep2_peak_35304	145
197242863	197243586	H2AZ_Rep2_peak_35306	14
197247789	197249676	H2AZ_Rep2_peak_35307	43
197280908	197283195	H2AZ_Rep2_peak_35311	225
197317118	197317551	H2AZ_Rep2_peak_35316	29
197354586	197355386	H2AZ_Rep2_peak_35318	38
197445790	197447085	H2AZ_Rep2_peak_35319	19
197462853	197464803	H2AZ_Rep2_peak_35321	214
197472807	197474257	H2AZ_Rep2_peak_35322	16
197476028	197478635	H2AZ_Rep2_peak_35323	104

197517464	197519119	H2AZ_Rep2_peak_35324	156
197676387	197677460	H2AZ_Rep2_peak_35325	65
197686142	197688070	H2AZ_Rep2_peak_35326	185
123840	124881	H2AZ_Rep2_peak_35329	45
467107	468470	H2AZ_Rep2_peak_35330	69
492398	493748	H2AZ_Rep2_peak_35331	26
668292	668913	H2AZ_Rep2_peak_35332	43
680705	681913	H2AZ_Rep2_peak_35333	60
698954	699431	H2AZ_Rep2_peak_35335	90
775189	776557	H2AZ_Rep2_peak_35336	79
792838	793407	H2AZ_Rep2_peak_35337	52
822557	823276	H2AZ_Rep2_peak_35338	33
925708	927031	H2AZ_Rep2_peak_35339	126
972738	973683	H2AZ_Rep2_peak_35340	97
985803	987181	H2AZ_Rep2_peak_35341	62
1003007	1004769	H2AZ_Rep2_peak_35342	32
1032999	1034096	H2AZ_Rep2_peak_35343	63
1037103	1038422	H2AZ_Rep2_peak_35344	46
1075028	1076728	H2AZ_Rep2_peak_35345	39
1107056	1107453	H2AZ_Rep2_peak_35346	46
1185424	1186964	H2AZ_Rep2_peak_35347	34
1243095	1243847	H2AZ_Rep2_peak_35348	28
1282472	1284576	H2AZ_Rep2_peak_35349	25
1339799	1341606	H2AZ_Rep2_peak_35350	38
1581164	1582187	H2AZ_Rep2_peak_35352	56
1605609	1605954	H2AZ_Rep2_peak_35353	24
1685037	1686667	H2AZ_Rep2_peak_35354	29
1714019	1715214	H2AZ_Rep2_peak_35355	65
1721903	1722687	H2AZ_Rep2_peak_35356	59
1767980	1768564	H2AZ_Rep2_peak_35358	31
1856900	1858835	H2AZ_Rep2_peak_35361	46
1871847	1872494	H2AZ_Rep2_peak_35362	26
2009612	2011887	H2AZ_Rep2_peak_35363	77
2043228	2043792	H2AZ_Rep2_peak_35364	80
2243209	2243803	H2AZ_Rep2_peak_35366	29
2264264	2264812	H2AZ_Rep2_peak_35367	75
2331874	2332659	H2AZ_Rep2_peak_35368	85
2414197	2416370	H2AZ_Rep2_peak_35369	56
2419225	2421116	H2AZ_Rep2_peak_35370	45
2469720	2471333	H2AZ_Rep2_peak_35371	67
2537260	2537742	H2AZ_Rep2_peak_35372	59
2538981	2539539	H2AZ_Rep2_peak_35373	33
2757651	2759112	H2AZ_Rep2_peak_35374	34

2844568	2846406 H2AZ_Rep2_peak_35376	51
2964478	2966263 H2AZ_Rep2_peak_35377	53
3038834	3039194 H2AZ_Rep2_peak_35379	34
3049286	3049845 H2AZ_Rep2_peak_35380	56
3075356	3077296 H2AZ_Rep2_peak_35381	63
3293270	3294536 H2AZ_Rep2_peak_35382	89
3438469	3438893 H2AZ_Rep2_peak_35383	47
3462904	3463409 H2AZ_Rep2_peak_35384	18
3533481	3534199 H2AZ_Rep2_peak_35388	32
4218388	4218758 H2AZ_Rep2_peak_35390	22
4249188	4250808 H2AZ_Rep2_peak_35391	83
4290817	4292947 H2AZ_Rep2_peak_35392	53
4542928	4544757 H2AZ_Rep2_peak_35393	90
4858054	4858665 H2AZ_Rep2_peak_35394	26
4860874	4862491 H2AZ_Rep2_peak_35395	24
4970551	4971928 H2AZ_Rep2_peak_35396	27
4992698	4993508 H2AZ_Rep2_peak_35397	25
5712565	5713741 H2AZ_Rep2_peak_35399	36
6270725	6271889 H2AZ_Rep2_peak_35400	57
6472287	6472911 H2AZ_Rep2_peak_35403	21
6576392	6577342 H2AZ_Rep2_peak_35404	86
6641794	6643212 H2AZ_Rep2_peak_35405	49
6675286	6676573 H2AZ_Rep2_peak_35406	38
6690281	6692110 H2AZ_Rep2_peak_35407	49
6694553	6696311 H2AZ_Rep2_peak_35408	39
6710913	6712426 H2AZ_Rep2_peak_35409	83
6716717	6718609 H2AZ_Rep2_peak_35410	89
6734162	6735023 H2AZ_Rep2_peak_35411	51
6748156	6752996 H2AZ_Rep2_peak_35412	69
6764986	6765545 H2AZ_Rep2_peak_35413	55
6910542	6911097 H2AZ_Rep2_peak_35414	56
6987839	6989539 H2AZ_Rep2_peak_35415	33
7043986	7045933 H2AZ_Rep2_peak_35417	69
7069253	7070811 H2AZ_Rep2_peak_35418	48
7086012	7086350 H2AZ_Rep2_peak_35420	39
7103819	7105638 H2AZ_Rep2_peak_35421	62
7194619	7195382 H2AZ_Rep2_peak_35422	49
7208002	7209487 H2AZ_Rep2_peak_35423	27
7212429	7215084 H2AZ_Rep2_peak_35424	48
7218910	7219884 H2AZ_Rep2_peak_35425	44
7541055	7542396 H2AZ_Rep2_peak_35426	40
7957980	7958587 H2AZ_Rep2_peak_35430	20
7960770	7963010 H2AZ_Rep2_peak_35431	39

8128839	8129488	H2AZ_Rep2_peak_35435	25
8160188	8161210	H2AZ_Rep2_peak_35436	54
8182058	8184869	H2AZ_Rep2_peak_35437	25
8191572	8193595	H2AZ_Rep2_peak_35438	87
8305629	8306548	H2AZ_Rep2_peak_35439	34
8317122	8318310	H2AZ_Rep2_peak_35440	83
8429511	8430746	H2AZ_Rep2_peak_35441	36
8441890	8443247	H2AZ_Rep2_peak_35442	38
11430141	11431173	H2AZ_Rep2_peak_35443	65
11504920	11505244	H2AZ_Rep2_peak_35444	30
11531312	11531694	H2AZ_Rep2_peak_35447	28
11545424	11546086	H2AZ_Rep2_peak_35448	49
11626028	11626591	H2AZ_Rep2_peak_35452	28
11633912	11634314	H2AZ_Rep2_peak_35453	41
11636829	11637781	H2AZ_Rep2_peak_35454	24
11742931	11743541	H2AZ_Rep2_peak_35456	64
13485224	13486975	H2AZ_Rep2_peak_35459	67
13546311	13547085	H2AZ_Rep2_peak_35460	45
13550489	13551218	H2AZ_Rep2_peak_35461	83
13628338	13630039	H2AZ_Rep2_peak_35462	69
13639440	13645934	H2AZ_Rep2_peak_35463	53
13655812	13656722	H2AZ_Rep2_peak_35464	113
14720601	14721117	H2AZ_Rep2_peak_35465	45
14918263	14918878	H2AZ_Rep2_peak_35469	26
15002959	15006952	H2AZ_Rep2_peak_35470	34
15002959	15006952	H2AZ_Rep2_peak_35470	34
15132393	15133646	H2AZ_Rep2_peak_35472	29
15150846	15152276	H2AZ_Rep2_peak_35473	17
15402083	15403043	H2AZ_Rep2_peak_35475	21
15471233	15472159	H2AZ_Rep2_peak_35476	43
15480472	15481934	H2AZ_Rep2_peak_35477	152
15656005	15657818	H2AZ_Rep2_peak_35478	71
15682880	15683971	H2AZ_Rep2_peak_35480	17
15708837	15709285	H2AZ_Rep2_peak_35481	51
15894689	15895248	H2AZ_Rep2_peak_35484	43
15907300	15908293	H2AZ_Rep2_peak_35487	38
15939650	15940400	H2AZ_Rep2_peak_35489	42
16035758	16036486	H2AZ_Rep2_peak_35494	66
16227334	16229059	H2AZ_Rep2_peak_35496	37
17387057	17387391	H2AZ_Rep2_peak_35501	38
17512853	17514478	H2AZ_Rep2_peak_35502	62
17577492	17580221	H2AZ_Rep2_peak_35504	30
17615636	17616782	H2AZ_Rep2_peak_35505	125

17811786	17813357	H2AZ_Rep2_peak_35506	76
18022228	18024707	H2AZ_Rep2_peak_35507	68
19740586	19741491	H2AZ_Rep2_peak_35508	20
20194327	20195185	H2AZ_Rep2_peak_35509	48
20252942	20254596	H2AZ_Rep2_peak_35510	70
20701147	20702521	H2AZ_Rep2_peak_35512	82
22516467	22518257	H2AZ_Rep2_peak_35513	53
23022431	23023780	H2AZ_Rep2_peak_35514	55
23336242	23336692	H2AZ_Rep2_peak_35517	30
23486138	23486669	H2AZ_Rep2_peak_35518	45
23890163	23892886	H2AZ_Rep2_peak_35520	46
23947002	23947725	H2AZ_Rep2_peak_35521	21
24106047	24108501	H2AZ_Rep2_peak_35524	38
24138446	24140084	H2AZ_Rep2_peak_35525	55
24237620	24238512	H2AZ_Rep2_peak_35531	17
24246146	24247135	H2AZ_Rep2_peak_35532	41
24427263	24428372	H2AZ_Rep2_peak_35537	18
24474235	24475357	H2AZ_Rep2_peak_35540	51
24585444	24586868	H2AZ_Rep2_peak_35541	22
25161298	25163998	H2AZ_Rep2_peak_35542	65
25234856	25236737	H2AZ_Rep2_peak_35544	34
25313825	25314971	H2AZ_Rep2_peak_35545	94
25377957	25380115	H2AZ_Rep2_peak_35546	41
25458331	25459253	H2AZ_Rep2_peak_35547	24
25915295	25916954	H2AZ_Rep2_peak_35550	74
26320720	26323567	H2AZ_Rep2_peak_35554	45
26584047	26586682	H2AZ_Rep2_peak_35556	140
26858625	26860286	H2AZ_Rep2_peak_35557	166
26861699	26863546	H2AZ_Rep2_peak_35558	122
30371730	30372063	H2AZ_Rep2_peak_35571	28
30718900	30722713	H2AZ_Rep2_peak_35575	67
30758610	30760101	H2AZ_Rep2_peak_35576	16
30771649	30773076	H2AZ_Rep2_peak_35577	19
30947293	30947687	H2AZ_Rep2_peak_35578	50
31343530	31343858	H2AZ_Rep2_peak_35580	30
31558946	31559601	H2AZ_Rep2_peak_35582	65
32011791	32012474	H2AZ_Rep2_peak_35587	16
32050204	32050754	H2AZ_Rep2_peak_35588	24
32198533	32198985	H2AZ_Rep2_peak_35591	62
34182505	34184359	H2AZ_Rep2_peak_35597	28
34185772	34186970	H2AZ_Rep2_peak_35598	14
34732766	34735653	H2AZ_Rep2_peak_35602	49
36245176	36246585	H2AZ_Rep2_peak_35604	37

36351457	36351981	H2AZ_Rep2_peak_35605	28
37668175	37668606	H2AZ_Rep2_peak_35608	20
37687047	37689170	H2AZ_Rep2_peak_35609	43
37827438	37829130	H2AZ_Rep2_peak_35610	103
37892591	37893690	H2AZ_Rep2_peak_35611	46
37979172	37980251	H2AZ_Rep2_peak_35613	55
38076899	38077766	H2AZ_Rep2_peak_35614	41
38156034	38157627	H2AZ_Rep2_peak_35616	35
38161899	38162545	H2AZ_Rep2_peak_35618	20
38178736	38179579	H2AZ_Rep2_peak_35620	55
38315466	38316694	H2AZ_Rep2_peak_35621	35
38320737	38322222	H2AZ_Rep2_peak_35622	44
38374747	38376579	H2AZ_Rep2_peak_35625	18
38622913	38623297	H2AZ_Rep2_peak_35628	69
38729994	38730920	H2AZ_Rep2_peak_35629	42
38732741	38733263	H2AZ_Rep2_peak_35630	20
38857302	38859907	H2AZ_Rep2_peak_35632	73
38868600	38870047	H2AZ_Rep2_peak_35633	59
39026992	39027580	H2AZ_Rep2_peak_35635	33
39037555	39039965	H2AZ_Rep2_peak_35638	34
39044016	39045961	H2AZ_Rep2_peak_35639	27
39152648	39153243	H2AZ_Rep2_peak_35641	30
39183110	39185417	H2AZ_Rep2_peak_35642	85
39367660	39368968	H2AZ_Rep2_peak_35643	41
39459939	39461884	H2AZ_Rep2_peak_35644	46
39466454	39466858	H2AZ_Rep2_peak_35645	26
39528245	39530144	H2AZ_Rep2_peak_35647	52
39639171	39642054	H2AZ_Rep2_peak_35648	42
39698890	39700391	H2AZ_Rep2_peak_35650	70
39978505	39980090	H2AZ_Rep2_peak_35651	58
40057387	40060204	H2AZ_Rep2_peak_35652	28
40293976	40294391	H2AZ_Rep2_peak_35654	91
40314164	40314496	H2AZ_Rep2_peak_35656	23
40316059	40316541	H2AZ_Rep2_peak_35657	27
40318951	40319728	H2AZ_Rep2_peak_35658	48
40323407	40325100	H2AZ_Rep2_peak_35659	26
40332506	40333538	H2AZ_Rep2_peak_35660	53
40335700	40338197	H2AZ_Rep2_peak_35661	44
40365578	40365902	H2AZ_Rep2_peak_35662	37
40397198	40398786	H2AZ_Rep2_peak_35663	58
40405139	40407137	H2AZ_Rep2_peak_35664	67
40527961	40528438	H2AZ_Rep2_peak_35665	24
40631566	40633257	H2AZ_Rep2_peak_35667	45



40665086	40665664	H2AZ_Rep2_peak_35668	53
40674427	40675715	H2AZ_Rep2_peak_35669	62
40909898	40912859	H2AZ_Rep2_peak_35672	81
40926019	40926889	H2AZ_Rep2_peak_35673	152
41215258	41219107	H2AZ_Rep2_peak_35677	57
41259995	41260978	H2AZ_Rep2_peak_35678	16
41360417	41362164	H2AZ_Rep2_peak_35682	41
41710582	41712697	H2AZ_Rep2_peak_35683	27
41730564	41731188	H2AZ_Rep2_peak_35684	16
41759600	41760349	H2AZ_Rep2_peak_35686	55
41842279	41842609	H2AZ_Rep2_peak_35687	37
41914533	41916081	H2AZ_Rep2_peak_35692	19
41935937	41937800	H2AZ_Rep2_peak_35693	46
41991795	41993191	H2AZ_Rep2_peak_35694	93
42304265	42304565	H2AZ_Rep2_peak_35695	30
42658743	42660031	H2AZ_Rep2_peak_35697	137
43870503	43870981	H2AZ_Rep2_peak_35700	25
44017938	44019046	H2AZ_Rep2_peak_35701	19
44451020	44451515	H2AZ_Rep2_peak_35702	53
44679621	44680906	H2AZ_Rep2_peak_35704	129
44727679	44729753	H2AZ_Rep2_peak_35705	80
44918499	44919327	H2AZ_Rep2_peak_35706	25
46973063	46973438	H2AZ_Rep2_peak_35709	24
47012618	47013483	H2AZ_Rep2_peak_35710	36
47073205	47073505	H2AZ_Rep2_peak_35711	38
47078067	47079083	H2AZ_Rep2_peak_35712	38
47464596	47466266	H2AZ_Rep2_peak_35714	112
47486891	47488221	H2AZ_Rep2_peak_35715	62
47706436	47707228	H2AZ_Rep2_peak_35718	31
47915591	47917510	H2AZ_Rep2_peak_35719	81
48017919	48019670	H2AZ_Rep2_peak_35720	102
48129317	48131715	H2AZ_Rep2_peak_35721	24
48175440	48175870	H2AZ_Rep2_peak_35722	20
48271281	48273233	H2AZ_Rep2_peak_35724	63
48342295	48344557	H2AZ_Rep2_peak_35726	48
48780915	48783647	H2AZ_Rep2_peak_35728	44
48803314	48804186	H2AZ_Rep2_peak_35729	17
48831859	48833860	H2AZ_Rep2_peak_35730	87
48907853	48909378	H2AZ_Rep2_peak_35731	78
48946166	48946661	H2AZ_Rep2_peak_35733	63
52708431	52711447	H2AZ_Rep2_peak_35742	57
52708431	52711447	H2AZ_Rep2_peak_35742	57
52903727	52905116	H2AZ_Rep2_peak_35743	95

53524593	53526554	H2AZ_Rep2_peak_35744	29
53577907	53579341	H2AZ_Rep2_peak_35745	72
53588070	53589143	H2AZ_Rep2_peak_35746	22
54231050	54233270	H2AZ_Rep2_peak_35749	182
54240821	54244360	H2AZ_Rep2_peak_35750	43
54517220	54517835	H2AZ_Rep2_peak_35752	19
54568536	54569800	H2AZ_Rep2_peak_35753	67
54774822	54775237	H2AZ_Rep2_peak_35755	15
54929652	54933595	H2AZ_Rep2_peak_35756	30
55083816	55084298	H2AZ_Rep2_peak_35758	29
56042206	56042687	H2AZ_Rep2_peak_35760	48
56162973	56163886	H2AZ_Rep2_peak_35761	58
56211931	56214914	H2AZ_Rep2_peak_35762	103
56243880	56245452	H2AZ_Rep2_peak_35764	51
56251683	56252653	H2AZ_Rep2_peak_35765	13
56261348	56262018	H2AZ_Rep2_peak_35766	33
56411227	56414206	H2AZ_Rep2_peak_35767	43
56475708	56476082	H2AZ_Rep2_peak_35768	14
56620189	56622092	H2AZ_Rep2_peak_35769	73
56623306	56625001	H2AZ_Rep2_peak_35770	34
56657737	56658242	H2AZ_Rep2_peak_35771	30
56718115	56720806	H2AZ_Rep2_peak_35772	38
56813625	56816478	H2AZ_Rep2_peak_35775	47
56914718	56916548	H2AZ_Rep2_peak_35776	69
56952336	56953414	H2AZ_Rep2_peak_35778	38
57252441	57254130	H2AZ_Rep2_peak_35779	91
57301010	57303627	H2AZ_Rep2_peak_35780	41
57333299	57334771	H2AZ_Rep2_peak_35781	33
57410841	57411415	H2AZ_Rep2_peak_35782	56
57665984	57666559	H2AZ_Rep2_peak_35783	111
57775268	57776019	H2AZ_Rep2_peak_35784	38
57842580	57845446	H2AZ_Rep2_peak_35785	66
57947676	57948281	H2AZ_Rep2_peak_35786	24
57976051	57976450	H2AZ_Rep2_peak_35787	49
57985329	57986033	H2AZ_Rep2_peak_35788	50
58029683	58030706	H2AZ_Rep2_peak_35789	112
62328071	62329215	H2AZ_Rep2_peak_35792	17
65137270	65138365	H2AZ_Rep2_peak_35793	43
66657536	66658094	H2AZ_Rep2_peak_35796	18
66864879	66865587	H2AZ_Rep2_peak_35797	67
67440343	67441369	H2AZ_Rep2_peak_35800	24
68410622	68411246	H2AZ_Rep2_peak_35802	36
68566491	68567867	H2AZ_Rep2_peak_35803	31

68751601	68752101 H2AZ_Rep2_peak_35804	19
69046614	69047054 H2AZ_Rep2_peak_35805	41
71063475	71064554 H2AZ_Rep2_peak_35810	27
71553236	71554843 H2AZ_Rep2_peak_35813	91
71569531	71572318 H2AZ_Rep2_peak_35814	39
71600108	71600922 H2AZ_Rep2_peak_35815	46
71704435	71706291 H2AZ_Rep2_peak_35816	33
71767410	71769220 H2AZ_Rep2_peak_35817	78
71858399	71860040 H2AZ_Rep2_peak_35818	123
72479980	72481027 H2AZ_Rep2_peak_35819	90
73933929	73936049 H2AZ_Rep2_peak_35821	92
74123478	74125798 H2AZ_Rep2_peak_35822	56
74464658	74465507 H2AZ_Rep2_peak_35823	78
74486062	74486451 H2AZ_Rep2_peak_35824	26
74569098	74570275 H2AZ_Rep2_peak_35826	37
74573501	74574429 H2AZ_Rep2_peak_35827	29
74751363	74751850 H2AZ_Rep2_peak_35831	13
74903667	74905429 H2AZ_Rep2_peak_35834	50
74920310	74922165 H2AZ_Rep2_peak_35836	12
74964963	74968141 H2AZ_Rep2_peak_35838	31
74971498	74971994 H2AZ_Rep2_peak_35839	25
74980137	74980481 H2AZ_Rep2_peak_35841	26
74977069	74978054 H2AZ_Rep2_peak_35840	19
74982973	74983633 H2AZ_Rep2_peak_35842	38
74999492	75000169 H2AZ_Rep2_peak_35843	81
75022798	75023943 H2AZ_Rep2_peak_35844	35
75096443	75098435 H2AZ_Rep2_peak_35845	34
75240013	75241962 H2AZ_Rep2_peak_35847	19
75508665	75509788 H2AZ_Rep2_peak_35849	18
75586866	75587332 H2AZ_Rep2_peak_35852	36
75607766	75608944 H2AZ_Rep2_peak_35853	69
75718823	75720132 H2AZ_Rep2_peak_35854	93
76105876	76107035 H2AZ_Rep2_peak_35855	54
76438901	76440428 H2AZ_Rep2_peak_35856	161
76597737	76599730 H2AZ_Rep2_peak_35858	64
76648405	76650580 H2AZ_Rep2_peak_35859	47
76765011	76766099 H2AZ_Rep2_peak_35860	23
76860887	76862277 H2AZ_Rep2_peak_35862	123
76911341	76912875 H2AZ_Rep2_peak_35863	79
77007993	77008666 H2AZ_Rep2_peak_35866	136
77069143	77070345 H2AZ_Rep2_peak_35867	107
77133939	77135907 H2AZ_Rep2_peak_35868	118
77227110	77228860 H2AZ_Rep2_peak_35869	71

77298615	77299583	H2AZ_Rep2_peak_35871	43
77447646	77448181	H2AZ_Rep2_peak_35873	26
77467902	77468515	H2AZ_Rep2_peak_35874	38
77491338	77492574	H2AZ_Rep2_peak_35875	33
77507300	77508307	H2AZ_Rep2_peak_35877	30
77510826	77511401	H2AZ_Rep2_peak_35878	27
77532471	77533137	H2AZ_Rep2_peak_35880	69
77555014	77555578	H2AZ_Rep2_peak_35882	61
77558854	77561441	H2AZ_Rep2_peak_35883	35
77609892	77610499	H2AZ_Rep2_peak_35885	14
77751726	77753403	H2AZ_Rep2_peak_35887	34
77870991	77871905	H2AZ_Rep2_peak_35888	43
77996301	77997979	H2AZ_Rep2_peak_35891	91
78067121	78067845	H2AZ_Rep2_peak_35893	77
78076030	78079783	H2AZ_Rep2_peak_35894	32
78738873	78742554	H2AZ_Rep2_peak_35895	40
78782779	78784593	H2AZ_Rep2_peak_35896	69
78977655	78980514	H2AZ_Rep2_peak_35897	38
79472517	79473552	H2AZ_Rep2_peak_35900	31
79543158	79543969	H2AZ_Rep2_peak_35902	28
79550054	79551676	H2AZ_Rep2_peak_35904	38
79566489	79567910	H2AZ_Rep2_peak_35906	37
79696369	79698498	H2AZ_Rep2_peak_35907	67
79859853	79861287	H2AZ_Rep2_peak_35908	75
80130452	80133606	H2AZ_Rep2_peak_35909	38
80773181	80773743	H2AZ_Rep2_peak_35911	38
80994142	80994686	H2AZ_Rep2_peak_35912	22
81056436	81056964	H2AZ_Rep2_peak_35913	17
83205541	83207131	H2AZ_Rep2_peak_35919	56
83294764	83296407	H2AZ_Rep2_peak_35920	28
83350818	83352542	H2AZ_Rep2_peak_35921	62
83437088	83438531	H2AZ_Rep2_peak_35922	15
83811954	83813108	H2AZ_Rep2_peak_35923	58
83821371	83822616	H2AZ_Rep2_peak_35924	59
83931263	83935613	H2AZ_Rep2_peak_35925	35
83955611	83957049	H2AZ_Rep2_peak_35926	78
84030923	84032359	H2AZ_Rep2_peak_35927	71
84204964	84206660	H2AZ_Rep2_peak_35931	40
84255631	84257215	H2AZ_Rep2_peak_35932	47
84376335	84377552	H2AZ_Rep2_peak_35933	95
84405351	84407087	H2AZ_Rep2_peak_35934	132
84430316	84430719	H2AZ_Rep2_peak_35935	49
84456337	84458115	H2AZ_Rep2_peak_35936	118

84551333	84551675	H2AZ_Rep2_peak_35937	36
84775809	84776266	H2AZ_Rep2_peak_35938	21
85503847	85505214	H2AZ_Rep2_peak_35939	54
85886682	85888778	H2AZ_Rep2_peak_35941	85
86395989	86396765	H2AZ_Rep2_peak_35943	45
86664660	86666243	H2AZ_Rep2_peak_35945	21
86717854	86718309	H2AZ_Rep2_peak_35947	66
86873664	86875168	H2AZ_Rep2_peak_35948	31
86953686	86954704	H2AZ_Rep2_peak_35949	31
87513881	87516817	H2AZ_Rep2_peak_35953	94
87751494	87753227	H2AZ_Rep2_peak_35954	79
87812701	87814091	H2AZ_Rep2_peak_35956	25
87849277	87849758	H2AZ_Rep2_peak_35959	22
87854775	87857736	H2AZ_Rep2_peak_35960	42
87927162	87929194	H2AZ_Rep2_peak_35961	28
88140503	88142421	H2AZ_Rep2_peak_35962	94
88156396	88158350	H2AZ_Rep2_peak_35963	67
88225809	88227260	H2AZ_Rep2_peak_35965	34
88311182	88313101	H2AZ_Rep2_peak_35966	102
88343145	88345294	H2AZ_Rep2_peak_35967	64
88740934	88741319	H2AZ_Rep2_peak_35968	37
88770024	88770415	H2AZ_Rep2_peak_35969	56
88928161	88930001	H2AZ_Rep2_peak_35974	37
89079516	89080847	H2AZ_Rep2_peak_35975	108
89098889	89100386	H2AZ_Rep2_peak_35976	90
89116595	89117339	H2AZ_Rep2_peak_35977	25
89204748	89206403	H2AZ_Rep2_peak_35978	94
89241709	89242218	H2AZ_Rep2_peak_35979	34
89273158	89273637	H2AZ_Rep2_peak_35980	38
89299000	89300669	H2AZ_Rep2_peak_35981	60
89376252	89378737	H2AZ_Rep2_peak_35982	53
89443970	89445789	H2AZ_Rep2_peak_35983	83
89512581	89514707	H2AZ_Rep2_peak_35984	40
89743978	89744890	H2AZ_Rep2_peak_35985	64
89977771	89978755	H2AZ_Rep2_peak_35988	20
90031420	90033303	H2AZ_Rep2_peak_35989	63
90078873	90079990	H2AZ_Rep2_peak_35990	31
90204404	90204942	H2AZ_Rep2_peak_35991	76
90389744	90392040	H2AZ_Rep2_peak_35994	34
90581695	90581995	H2AZ_Rep2_peak_35997	13
90674048	90674628	H2AZ_Rep2_peak_35998	28
90758002	90758767	H2AZ_Rep2_peak_35999	36
91048887	91050104	H2AZ_Rep2_peak_36001	53

91278556	91278905	H2AZ_Rep2_peak_36003	20
93319806	93320676	H2AZ_Rep2_peak_36005	33
95128416	95129764	H2AZ_Rep2_peak_36009	35
95333617	95334113	H2AZ_Rep2_peak_36010	26
95367413	95369551	H2AZ_Rep2_peak_36011	31
95372284	95372892	H2AZ_Rep2_peak_36012	51
99063786	99065799	H2AZ_Rep2_peak_36017	65
99180744	99183423	H2AZ_Rep2_peak_36018	66
99849524	99851913	H2AZ_Rep2_peak_36021	60
99915743	99918008	H2AZ_Rep2_peak_36022	79
100009620	100010975	H2AZ_Rep2_peak_36023	91
100484049	100485761	H2AZ_Rep2_peak_36025	69
100815050	100816277	H2AZ_Rep2_peak_36030	37
100867048	100868111	H2AZ_Rep2_peak_36031	29
100870751	100872688	H2AZ_Rep2_peak_36032	55
101014195	101015136	H2AZ_Rep2_peak_36033	24
101349033	101349817	H2AZ_Rep2_peak_36036	31
102266575	102271255	H2AZ_Rep2_peak_36039	117
102889085	102890203	H2AZ_Rep2_peak_36044	18
103265357	103268152	H2AZ_Rep2_peak_36047	62
103348929	103349289	H2AZ_Rep2_peak_36049	17
103359511	103364227	H2AZ_Rep2_peak_36051	21
103421537	103423638	H2AZ_Rep2_peak_36052	26
103541621	103542412	H2AZ_Rep2_peak_36053	29
103681095	103682806	H2AZ_Rep2_peak_36055	143
103748649	103749926	H2AZ_Rep2_peak_36056	42
103789692	103791292	H2AZ_Rep2_peak_36057	45
103932274	103934322	H2AZ_Rep2_peak_36058	67
103939881	103941463	H2AZ_Rep2_peak_36059	45
103996175	103998463	H2AZ_Rep2_peak_36060	83
104020328	104021356	H2AZ_Rep2_peak_36061	29
104118534	104120289	H2AZ_Rep2_peak_36062	98
104675692	104676234	H2AZ_Rep2_peak_36063	29
106067363	106068960	H2AZ_Rep2_peak_36065	71
106394191	106395728	H2AZ_Rep2_peak_36066	71
106628847	106630891	H2AZ_Rep2_peak_36069	101
106830931	106831513	H2AZ_Rep2_peak_36070	16
107236331	107238276	H2AZ_Rep2_peak_36073	76
108469675	108470091	H2AZ_Rep2_peak_36074	18
108640462	108642305	H2AZ_Rep2_peak_36076	73
108745068	108746876	H2AZ_Rep2_peak_36078	58
108852170	108853282	H2AZ_Rep2_peak_36080	47
108910150	108911621	H2AZ_Rep2_peak_36081	85

109540398	109542079	H2AZ_Rep2_peak_36082	59
109570838	109572524	H2AZ_Rep2_peak_36083	59
109682957	109684779	H2AZ_Rep2_peak_36084	72
109770925	109771480	H2AZ_Rep2_peak_36085	25
110222677	110224813	H2AZ_Rep2_peak_36089	75
110353865	110355799	H2AZ_Rep2_peak_36090	44
110480754	110482503	H2AZ_Rep2_peak_36091	94
110623570	110625257	H2AZ_Rep2_peak_36092	36
110650334	110652096	H2AZ_Rep2_peak_36093	105
110735954	110737757	H2AZ_Rep2_peak_36094	119
110833894	110834494	H2AZ_Rep2_peak_36095	24
111086254	111086861	H2AZ_Rep2_peak_36098	50
111117031	111120342	H2AZ_Rep2_peak_36099	77
111436943	111437714	H2AZ_Rep2_peak_36100	33
111541920	111544314	H2AZ_Rep2_peak_36101	36
112898531	112899252	H2AZ_Rep2_peak_36102	13
113030894	113031205	H2AZ_Rep2_peak_36104	42
113033746	113034902	H2AZ_Rep2_peak_36105	19
113065601	113068085	H2AZ_Rep2_peak_36106	49
113095077	113095908	H2AZ_Rep2_peak_36107	27
113134470	113135764	H2AZ_Rep2_peak_36108	19
113151896	113153795	H2AZ_Rep2_peak_36109	49
113205389	113207662	H2AZ_Rep2_peak_36110	66
113217824	113218799	H2AZ_Rep2_peak_36111	44
113557471	113559076	H2AZ_Rep2_peak_36112	47
114681490	114684557	H2AZ_Rep2_peak_36116	44
114900067	114901723	H2AZ_Rep2_peak_36118	115
115524577	115525229	H2AZ_Rep2_peak_36122	46
115536733	115537743	H2AZ_Rep2_peak_36123	17
116034231	116035727	H2AZ_Rep2_peak_36124	33
116039180	116040389	H2AZ_Rep2_peak_36126	26
119199030	119200279	H2AZ_Rep2_peak_36128	31
119512210	119513196	H2AZ_Rep2_peak_36132	73
119604412	119607075	H2AZ_Rep2_peak_36133	84
119756150	119758351	H2AZ_Rep2_peak_36134	109
119771335	119772255	H2AZ_Rep2_peak_36135	97
119809680	119811756	H2AZ_Rep2_peak_36137	50
119889237	119890323	H2AZ_Rep2_peak_36138	23
119946517	119948504	H2AZ_Rep2_peak_36140	52
119994291	119994847	H2AZ_Rep2_peak_36142	15
120133011	120134651	H2AZ_Rep2_peak_36144	47
120220950	120222431	H2AZ_Rep2_peak_36145	82
120548744	120550586	H2AZ_Rep2_peak_36147	34

120987270	120989021	H2AZ_Rep2_peak_36148	68
121439093	121440085	H2AZ_Rep2_peak_36149	63
121842788	121844714	H2AZ_Rep2_peak_36151	30
121937795	121938295	H2AZ_Rep2_peak_36152	20
121974832	121975167	H2AZ_Rep2_peak_36153	36
122103400	122103988	H2AZ_Rep2_peak_36156	25
122255179	122256102	H2AZ_Rep2_peak_36158	22
122617457	122619172	H2AZ_Rep2_peak_36162	57
122632538	122633188	H2AZ_Rep2_peak_36163	48
122706211	122706874	H2AZ_Rep2_peak_36164	47
122720521	122723051	H2AZ_Rep2_peak_36165	66
122743733	122746300	H2AZ_Rep2_peak_36166	89
122790822	122792253	H2AZ_Rep2_peak_36167	58
122898379	122898986	H2AZ_Rep2_peak_36168	43
123072922	123074349	H2AZ_Rep2_peak_36170	160
123523330	123524012	H2AZ_Rep2_peak_36172	29
123621397	123621790	H2AZ_Rep2_peak_36173	42
123653174	123654992	H2AZ_Rep2_peak_36174	90
123692916	123694041	H2AZ_Rep2_peak_36177	68
123704778	123705213	H2AZ_Rep2_peak_36178	19
123718750	123719587	H2AZ_Rep2_peak_36179	25
123748275	123749684	H2AZ_Rep2_peak_36180	52
123842980	123844838	H2AZ_Rep2_peak_36181	121
124261062	124261913	H2AZ_Rep2_peak_36182	71
124317437	124319918	H2AZ_Rep2_peak_36183	100
124670999	124671956	H2AZ_Rep2_peak_36188	29
124940111	124940465	H2AZ_Rep2_peak_36190	15
125133718	125134569	H2AZ_Rep2_peak_36193	16
125632922	125634848	H2AZ_Rep2_peak_36194	73
125783988	125784643	H2AZ_Rep2_peak_36195	24
125823478	125827102	H2AZ_Rep2_peak_36197	37
125823478	125827102	H2AZ_Rep2_peak_36197	37
125823478	125827102	H2AZ_Rep2_peak_36197	37
125857645	125859542	H2AZ_Rep2_peak_36198	24
125866613	125870645	H2AZ_Rep2_peak_36200	52
126234540	126237091	H2AZ_Rep2_peak_36206	76
127135132	127135617	H2AZ_Rep2_peak_36208	26
127168483	127169071	H2AZ_Rep2_peak_36209	21
127700602	127701366	H2AZ_Rep2_peak_36211	54
128553462	128554815	H2AZ_Rep2_peak_36215	121
128702271	128705102	H2AZ_Rep2_peak_36216	101
128801451	128803049	H2AZ_Rep2_peak_36217	74
128885736	128887497	H2AZ_Rep2_peak_36218	155



128981616	128983757	H2AZ_Rep2_peak_36219	45
129162399	129163195	H2AZ_Rep2_peak_36220	56
129208600	129210165	H2AZ_Rep2_peak_36221	58
129243154	129245053	H2AZ_Rep2_peak_36222	22
129275338	129276895	H2AZ_Rep2_peak_36224	36
129306124	129309590	H2AZ_Rep2_peak_36226	47
129347312	129349606	H2AZ_Rep2_peak_36227	26
129438668	129439213	H2AZ_Rep2_peak_36230	45
129473784	129475079	H2AZ_Rep2_peak_36232	97
129521920	129523451	H2AZ_Rep2_peak_36233	86
129729322	129732375	H2AZ_Rep2_peak_36234	34
129733616	129733980	H2AZ_Rep2_peak_36235	37
130014078	130015548	H2AZ_Rep2_peak_36236	58
130017151	130017598	H2AZ_Rep2_peak_36237	54
130160307	130160663	H2AZ_Rep2_peak_36240	25
130263400	130264148	H2AZ_Rep2_peak_36241	48
130774651	130775229	H2AZ_Rep2_peak_36243	22
131484286	131485474	H2AZ_Rep2_peak_36246	85
133148658	133149023	H2AZ_Rep2_peak_36248	22
133264923	133266875	H2AZ_Rep2_peak_36249	93
134067307	134068239	H2AZ_Rep2_peak_36250	18
134168792	134169092	H2AZ_Rep2_peak_36251	12
134633183	134633638	H2AZ_Rep2_peak_36254	21
134833926	134835196	H2AZ_Rep2_peak_36255	19
135589470	135589898	H2AZ_Rep2_peak_36258	44
135677617	135677936	H2AZ_Rep2_peak_36260	30
137240827	137242159	H2AZ_Rep2_peak_36262	51
138044840	138046316	H2AZ_Rep2_peak_36265	19
138430999	138432294	H2AZ_Rep2_peak_36267	16
138956262	138957684	H2AZ_Rep2_peak_36268	52
138969575	138971930	H2AZ_Rep2_peak_36269	30
138975931	138978237	H2AZ_Rep2_peak_36270	19
139011381	139011820	H2AZ_Rep2_peak_36271	42
139164851	139166329	H2AZ_Rep2_peak_36272	19
139168991	139169485	H2AZ_Rep2_peak_36273	27
139177899	139180203	H2AZ_Rep2_peak_36274	29
139228823	139230104	H2AZ_Rep2_peak_36275	77
139831998	139832969	H2AZ_Rep2_peak_36278	82
139935793	139937568	H2AZ_Rep2_peak_36279	44
140004380	140006006	H2AZ_Rep2_peak_36280	23
140097222	140101213	H2AZ_Rep2_peak_36281	66
140135014	140135587	H2AZ_Rep2_peak_36283	25
140186856	140188382	H2AZ_Rep2_peak_36285	72

140216086	140218247	H2AZ_Rep2_peak_36286	89
140221515	140223684	H2AZ_Rep2_peak_36287	75
140374014	140376318	H2AZ_Rep2_peak_36288	95
140476259	140479146	H2AZ_Rep2_peak_36289	55
140527360	140528547	H2AZ_Rep2_peak_36290	69
140572165	140573130	H2AZ_Rep2_peak_36293	24
140577946	140579391	H2AZ_Rep2_peak_36294	59
140586608	140588149	H2AZ_Rep2_peak_36295	88
141037578	141038184	H2AZ_Rep2_peak_36297	42
141071609	141076150	H2AZ_Rep2_peak_36299	46
141071609	141076150	H2AZ_Rep2_peak_36299	46
141134195	141134495	H2AZ_Rep2_peak_36302	21
141154907	141155413	H2AZ_Rep2_peak_36303	54
141159350	141160071	H2AZ_Rep2_peak_36304	19
141164105	141164934	H2AZ_Rep2_peak_36305	25
141177819	141178736	H2AZ_Rep2_peak_36306	16
141217385	141218442	H2AZ_Rep2_peak_36307	52
141221062	141221767	H2AZ_Rep2_peak_36308	27
141294260	141295441	H2AZ_Rep2_peak_36310	22
141348301	141349226	H2AZ_Rep2_peak_36311	75
141444811	141446258	H2AZ_Rep2_peak_36312	115
141676671	141678307	H2AZ_Rep2_peak_36314	79
141868633	141868940	H2AZ_Rep2_peak_36318	37
142141097	142142704	H2AZ_Rep2_peak_36322	82
142273561	142274790	H2AZ_Rep2_peak_36326	36
142556945	142558938	H2AZ_Rep2_peak_36331	107
143186065	143187224	H2AZ_Rep2_peak_36335	36
143738468	143739307	H2AZ_Rep2_peak_36337	21
143767298	143768650	H2AZ_Rep2_peak_36338	84
144105333	144107077	H2AZ_Rep2_peak_36342	93
144256629	144258875	H2AZ_Rep2_peak_36343	58
144332966	144333299	H2AZ_Rep2_peak_36344	21
144433293	144435872	H2AZ_Rep2_peak_36345	93
146018617	146020013	H2AZ_Rep2_peak_36351	33
146099518	146102417	H2AZ_Rep2_peak_36352	38
146402257	146404178	H2AZ_Rep2_peak_36353	69
146539811	146541773	H2AZ_Rep2_peak_36354	56
146655453	146656310	H2AZ_Rep2_peak_36355	16
147096490	147097644	H2AZ_Rep2_peak_36358	36
147162944	147163509	H2AZ_Rep2_peak_36359	24
147441953	147444389	H2AZ_Rep2_peak_36360	165
148208386	148208944	H2AZ_Rep2_peak_36365	18
148233818	148235717	H2AZ_Rep2_peak_36366	20

148282890	148283417	H2AZ_Rep2_peak_36368	64
148468663	148469495	H2AZ_Rep2_peak_36371	49
148518513	148521544	H2AZ_Rep2_peak_36374	56
148537965	148539335	H2AZ_Rep2_peak_36375	123
148604367	148606149	H2AZ_Rep2_peak_36376	141
148652394	148655394	H2AZ_Rep2_peak_36379	62
148928927	148929385	H2AZ_Rep2_peak_36380	24
149363738	149364348	H2AZ_Rep2_peak_36381	50
150330270	150331086	H2AZ_Rep2_peak_36384	13
150998429	151001075	H2AZ_Rep2_peak_36389	65
151935623	151937774	H2AZ_Rep2_peak_36391	73
152020048	152021387	H2AZ_Rep2_peak_36393	110
152245382	152247446	H2AZ_Rep2_peak_36394	53
152252474	152253305	H2AZ_Rep2_peak_36395	34
152329315	152331438	H2AZ_Rep2_peak_36396	96
152651106	152651810	H2AZ_Rep2_peak_36399	36
152681517	152682946	H2AZ_Rep2_peak_36400	129
152727496	152729447	H2AZ_Rep2_peak_36401	24
152966664	152968275	H2AZ_Rep2_peak_36402	50
153027084	153028156	H2AZ_Rep2_peak_36405	19
153178694	153179424	H2AZ_Rep2_peak_36406	25
153185887	153186835	H2AZ_Rep2_peak_36407	17
153457600	153458288	H2AZ_Rep2_peak_36408	91
153700042	153701949	H2AZ_Rep2_peak_36414	114
153857072	153859038	H2AZ_Rep2_peak_36415	23
154004286	154004851	H2AZ_Rep2_peak_36418	60
154006329	154006852	H2AZ_Rep2_peak_36419	28
154036331	154037170	H2AZ_Rep2_peak_36420	78
154073842	154075280	H2AZ_Rep2_peak_36423	76
154142954	154144827	H2AZ_Rep2_peak_36425	112
154169601	154171175	H2AZ_Rep2_peak_36426	47
154262824	154263234	H2AZ_Rep2_peak_36427	17
154265231	154267178	H2AZ_Rep2_peak_36428	57
154354397	154355043	H2AZ_Rep2_peak_36429	109
154386709	154388975	H2AZ_Rep2_peak_36430	62
155470789	155472303	H2AZ_Rep2_peak_36431	69
155639975	155641522	H2AZ_Rep2_peak_36434	23
156775509	156776311	H2AZ_Rep2_peak_36436	44
156874444	156875609	H2AZ_Rep2_peak_36437	52
157891616	157892201	H2AZ_Rep2_peak_36438	46
158744780	158745879	H2AZ_Rep2_peak_36442	36
159456153	159456526	H2AZ_Rep2_peak_36448	55
159592055	159593949	H2AZ_Rep2_peak_36449	33

159643479	159644994	H2AZ_Rep2_peak_36450	31
159689499	159690957	H2AZ_Rep2_peak_36451	30
161769780	161770972	H2AZ_Rep2_peak_36453	33
163165697	163166105	H2AZ_Rep2_peak_36455	14
164086519	164088888	H2AZ_Rep2_peak_36458	43
164315986	164317522	H2AZ_Rep2_peak_36459	44
164325752	164326181	H2AZ_Rep2_peak_36460	35
164415374	164416585	H2AZ_Rep2_peak_36461	85
164465350	164465864	H2AZ_Rep2_peak_36462	16
164731401	164732830	H2AZ_Rep2_peak_36464	30
164787859	164788294	H2AZ_Rep2_peak_36465	56
165057434	165057863	H2AZ_Rep2_peak_36466	32
165518168	165518494	H2AZ_Rep2_peak_36468	19
165621710	165622134	H2AZ_Rep2_peak_36469	68
166033176	166035198	H2AZ_Rep2_peak_36471	48
166127880	166129285	H2AZ_Rep2_peak_36473	103
166246912	166249535	H2AZ_Rep2_peak_36474	50
166397183	166398389	H2AZ_Rep2_peak_36478	47
166424268	166425493	H2AZ_Rep2_peak_36479	28
166794840	166796607	H2AZ_Rep2_peak_36483	43
166826039	166827102	H2AZ_Rep2_peak_36484	32
169238704	169240939	H2AZ_Rep2_peak_36488	27
169401141	169402267	H2AZ_Rep2_peak_36489	31
169408346	169409394	H2AZ_Rep2_peak_36491	51
169435396	169436664	H2AZ_Rep2_peak_36493	21
169457359	169461501	H2AZ_Rep2_peak_36494	46
169463142	169464394	H2AZ_Rep2_peak_36495	23
169479051	169479758	H2AZ_Rep2_peak_36498	22
169483412	169484430	H2AZ_Rep2_peak_36499	32
169508743	169509258	H2AZ_Rep2_peak_36500	21
169539984	169540687	H2AZ_Rep2_peak_36505	20
169551974	169553750	H2AZ_Rep2_peak_36506	44
169752185	169753648	H2AZ_Rep2_peak_36509	31
169930517	169932127	H2AZ_Rep2_peak_36510	84
169951765	169954052	H2AZ_Rep2_peak_36511	55
170191184	170192073	H2AZ_Rep2_peak_36513	28
170235713	170236994	H2AZ_Rep2_peak_36514	17
170255715	170256942	H2AZ_Rep2_peak_36515	34
170272594	170273931	H2AZ_Rep2_peak_36517	66
170533080	170534918	H2AZ_Rep2_peak_36518	77
170540494	170541503	H2AZ_Rep2_peak_36519	41
170678363	170679872	H2AZ_Rep2_peak_36520	62
170946899	170949106	H2AZ_Rep2_peak_36521	65

171010282	171011726	H2AZ_Rep2_peak_36522	48
171418153	171418680	H2AZ_Rep2_peak_36523	70
172524507	172525265	H2AZ_Rep2_peak_36524	34
173260009	173260341	H2AZ_Rep2_peak_36526	38
173312210	173312725	H2AZ_Rep2_peak_36528	14
173416451	173416789	H2AZ_Rep2_peak_36530	18
173696985	173697736	H2AZ_Rep2_peak_36532	20
174088824	174091545	H2AZ_Rep2_peak_36542	40
174255244	174257018	H2AZ_Rep2_peak_36543	35
174290474	174293391	H2AZ_Rep2_peak_36544	43
174426818	174427499	H2AZ_Rep2_peak_36545	46
175041044	175041803	H2AZ_Rep2_peak_36546	34
175075473	175075786	H2AZ_Rep2_peak_36547	25
175204158	175205589	H2AZ_Rep2_peak_36548	93
175424109	175424678	H2AZ_Rep2_peak_36549	20
175443279	175444008	H2AZ_Rep2_peak_36551	31
176097223	176098171	H2AZ_Rep2_peak_36553	16
176123324	176123842	H2AZ_Rep2_peak_36554	53
176592832	176593259	H2AZ_Rep2_peak_36557	21
176691687	176693649	H2AZ_Rep2_peak_36558	81
177115064	177116807	H2AZ_Rep2_peak_36560	33
177240412	177242053	H2AZ_Rep2_peak_36561	67
177555145	177557781	H2AZ_Rep2_peak_36563	30
177712652	177713672	H2AZ_Rep2_peak_36565	31
178150407	178150707	H2AZ_Rep2_peak_36566	19
178229637	178231991	H2AZ_Rep2_peak_36567	57
178362456	178364232	H2AZ_Rep2_peak_36568	97
181748320	181749287	H2AZ_Rep2_peak_36569	45
183159394	183159886	H2AZ_Rep2_peak_36572	40
183161174	183161931	H2AZ_Rep2_peak_36573	32
183734764	183735492	H2AZ_Rep2_peak_36574	38
183837730	183839290	H2AZ_Rep2_peak_36575	52
183859346	183859697	H2AZ_Rep2_peak_36576	37
184018799	184020754	H2AZ_Rep2_peak_36577	43
184270085	184270425	H2AZ_Rep2_peak_36579	47
184319462	184320590	H2AZ_Rep2_peak_36581	33
184328390	184332789	H2AZ_Rep2_peak_36582	30
184345285	184345712	H2AZ_Rep2_peak_36583	48
184364979	184366498	H2AZ_Rep2_peak_36584	19
184413695	184414569	H2AZ_Rep2_peak_36585	70
184424819	184427441	H2AZ_Rep2_peak_36586	29
184485421	184486577	H2AZ_Rep2_peak_36587	17
184509010	184509819	H2AZ_Rep2_peak_36588	71

184557919	184558312	H2AZ_Rep2_peak_36590	19
184579384	184581305	H2AZ_Rep2_peak_36591	36
184718375	184719882	H2AZ_Rep2_peak_36592	47
184797351	184798191	H2AZ_Rep2_peak_36593	50
184908703	184910114	H2AZ_Rep2_peak_36594	63
185186853	185189863	H2AZ_Rep2_peak_36598	54
185266400	185266979	H2AZ_Rep2_peak_36600	16
185268332	185271122	H2AZ_Rep2_peak_36601	42
185276222	185276662	H2AZ_Rep2_peak_36602	41
185304356	185305833	H2AZ_Rep2_peak_36603	23
185393636	185396479	H2AZ_Rep2_peak_36604	30
185458168	185459619	H2AZ_Rep2_peak_36605	57
185517844	185518280	H2AZ_Rep2_peak_36606	23
185519920	185520685	H2AZ_Rep2_peak_36607	64
185569570	185571532	H2AZ_Rep2_peak_36608	26
185654347	185655847	H2AZ_Rep2_peak_36609	62
185726669	185726969	H2AZ_Rep2_peak_36610	19
185746842	185747645	H2AZ_Rep2_peak_36612	19
185961023	185961440	H2AZ_Rep2_peak_36613	24
186063598	186064700	H2AZ_Rep2_peak_36614	61
186125337	186126050	H2AZ_Rep2_peak_36615	51
186130146	186132027	H2AZ_Rep2_peak_36616	47
186316076	186316509	H2AZ_Rep2_peak_36617	22
186346079	186347924	H2AZ_Rep2_peak_36618	108
186391667	186393317	H2AZ_Rep2_peak_36619	87
186424614	186426450	H2AZ_Rep2_peak_36620	37
186456360	186457750	H2AZ_Rep2_peak_36621	16
186480581	186481868	H2AZ_Rep2_peak_36622	46
186494387	186495235	H2AZ_Rep2_peak_36623	82
186512784	186513181	H2AZ_Rep2_peak_36624	32
186682697	186683455	H2AZ_Rep2_peak_36628	25
186759576	186761221	H2AZ_Rep2_peak_36629	43
186768771	186769408	H2AZ_Rep2_peak_36630	17
186887056	186888142	H2AZ_Rep2_peak_36631	13
186989216	186991131	H2AZ_Rep2_peak_36633	59
187111869	187113696	H2AZ_Rep2_peak_36635	69
187644502	187647878	H2AZ_Rep2_peak_36637	30
187686097	187687352	H2AZ_Rep2_peak_36638	49
187760448	187762102	H2AZ_Rep2_peak_36639	50
187765244	187766847	H2AZ_Rep2_peak_36640	63
188943013	188943551	H2AZ_Rep2_peak_36643	22
189120233	189120988	H2AZ_Rep2_peak_36647	24
189353108	189353880	H2AZ_Rep2_peak_36649	26

189376513	189377037	H2AZ_Rep2_peak_36651	24
190642595	190644236	H2AZ_Rep2_peak_36654	101
190861090	190862503	H2AZ_Rep2_peak_36656	111
191032612	191032989	H2AZ_Rep2_peak_36657	27
188232	190850	H2AZ_Rep2_peak_36670	95
217389	219421	H2AZ_Rep2_peak_36671	92
270143	272015	H2AZ_Rep2_peak_36672	117
319111	322631	H2AZ_Rep2_peak_36674	160
337840	338174	H2AZ_Rep2_peak_36675	24
371987	374909	H2AZ_Rep2_peak_36676	78
386519	389026	H2AZ_Rep2_peak_36677	82
407460	408476	H2AZ_Rep2_peak_36680	109
411928	414761	H2AZ_Rep2_peak_36681	157
442294	444049	H2AZ_Rep2_peak_36686	276
472224	474107	H2AZ_Rep2_peak_36687	123
499297	500959	H2AZ_Rep2_peak_36690	22
515523	519555	H2AZ_Rep2_peak_36693	21
533616	534470	H2AZ_Rep2_peak_36696	16
538264	540919	H2AZ_Rep2_peak_36698	20
547928	548662	H2AZ_Rep2_peak_36701	19
553825	554563	H2AZ_Rep2_peak_36702	84
587999	588542	H2AZ_Rep2_peak_36706	13
592299	592715	H2AZ_Rep2_peak_36707	43
610562	614102	H2AZ_Rep2_peak_36709	93
692769	693779	H2AZ_Rep2_peak_36713	19
756459	760424	H2AZ_Rep2_peak_36715	17
784018	785321	H2AZ_Rep2_peak_36717	73
891865	893851	H2AZ_Rep2_peak_36720	133
911089	913366	H2AZ_Rep2_peak_36721	65
957014	958743	H2AZ_Rep2_peak_36725	35
964989	965408	H2AZ_Rep2_peak_36727	25
997070	1000521	H2AZ_Rep2_peak_36730	45
1010214	1013642	H2AZ_Rep2_peak_36733	17
1111347	1113407	H2AZ_Rep2_peak_36743	56
1152172	1154991	H2AZ_Rep2_peak_36751	25
1159391	1163967	H2AZ_Rep2_peak_36753	57
1167867	1169800	H2AZ_Rep2_peak_36755	93
1173765	1179220	H2AZ_Rep2_peak_36757	19
1343380	1347537	H2AZ_Rep2_peak_36779	99
1361268	1363582	H2AZ_Rep2_peak_36782	26
1366636	1367657	H2AZ_Rep2_peak_36783	55
1385568	1387089	H2AZ_Rep2_peak_36786	125
1436330	1438458	H2AZ_Rep2_peak_36793	46

1522244	1525074 H2AZ_Rep2_peak_36799	98
1536449	1541601 H2AZ_Rep2_peak_36800	48
1542807	1543540 H2AZ_Rep2_peak_36801	153
1594080	1595203 H2AZ_Rep2_peak_36805	115
1633846	1634637 H2AZ_Rep2_peak_36806	137
1637477	1640303 H2AZ_Rep2_peak_36807	25
1656809	1661013 H2AZ_Rep2_peak_36809	32
1673226	1673569 H2AZ_Rep2_peak_36813	80
1762550	1764461 H2AZ_Rep2_peak_36822	21
1771866	1773127 H2AZ_Rep2_peak_36824	22
1799139	1802333 H2AZ_Rep2_peak_36829	197
1892887	1893989 H2AZ_Rep2_peak_36840	20
1958719	1964573 H2AZ_Rep2_peak_36850	31
2995286	2997410 H2AZ_Rep2_peak_36960	24
3339682	3340434 H2AZ_Rep2_peak_36992	13
4904080	4905551 H2AZ_Rep2_peak_37051	12
5025568	5026915 H2AZ_Rep2_peak_37061	52
5126118	5127018 H2AZ_Rep2_peak_37065	45
5129042	5129989 H2AZ_Rep2_peak_37066	22
5135613	5137503 H2AZ_Rep2_peak_37068	24
5269088	5273862 H2AZ_Rep2_peak_37076	161
5288205	5289125 H2AZ_Rep2_peak_37077	20
5292904	5293428 H2AZ_Rep2_peak_37078	19
5335149	5337125 H2AZ_Rep2_peak_37086	24
5339706	5341128 H2AZ_Rep2_peak_37087	66
5349734	5353026 H2AZ_Rep2_peak_37088	70
5419311	5419657 H2AZ_Rep2_peak_37090	44
5421247	5423609 H2AZ_Rep2_peak_37091	175
5598678	5599186 H2AZ_Rep2_peak_37101	25
5605444	5605876 H2AZ_Rep2_peak_37102	31
5705000	5705686 H2AZ_Rep2_peak_37108	32
6085560	6086117 H2AZ_Rep2_peak_37125	16
6134302	6135042 H2AZ_Rep2_peak_37129	31
6158875	6165481 H2AZ_Rep2_peak_37134	89
6158875	6165481 H2AZ_Rep2_peak_37134	89
6195457	6198390 H2AZ_Rep2_peak_37139	34
6217682	6218921 H2AZ_Rep2_peak_37143	19
6377625	6379724 H2AZ_Rep2_peak_37154	242
6406230	6410486 H2AZ_Rep2_peak_37158	49
6419666	6420731 H2AZ_Rep2_peak_37160	69
6423524	6424542 H2AZ_Rep2_peak_37161	23
6453084	6455363 H2AZ_Rep2_peak_37165	17
6518725	6526361 H2AZ_Rep2_peak_37175	28



6518725	6526361 H2AZ_Rep2_peak_37175	28
6632553	6635365 H2AZ_Rep2_peak_37187	118
6704021	6706484 H2AZ_Rep2_peak_37190	84
6710463	6714820 H2AZ_Rep2_peak_37191	145
6765401	6768136 H2AZ_Rep2_peak_37193	286
7066751	7068632 H2AZ_Rep2_peak_37208	24
7672921	7674418 H2AZ_Rep2_peak_37219	14
7816206	7817113 H2AZ_Rep2_peak_37229	27
7868295	7870056 H2AZ_Rep2_peak_37237	158
8226417	8227477 H2AZ_Rep2_peak_37248	26
8456642	8458677 H2AZ_Rep2_peak_37254	186
8569104	8569820 H2AZ_Rep2_peak_37257	14
10146235	10146779 H2AZ_Rep2_peak_37293	21
10233353	10234182 H2AZ_Rep2_peak_37296	25
10248742	10251312 H2AZ_Rep2_peak_37297	198
10301811	10302456 H2AZ_Rep2_peak_37300	74
10306492	10312319 H2AZ_Rep2_peak_37301	154
10318405	10321161 H2AZ_Rep2_peak_37303	28
10351678	10354672 H2AZ_Rep2_peak_37307	106
10441111	10442635 H2AZ_Rep2_peak_37308	215
10466970	10468461 H2AZ_Rep2_peak_37316	42
10478433	10481648 H2AZ_Rep2_peak_37317	79
10484581	10486653 H2AZ_Rep2_peak_37318	206
10503927	10504475 H2AZ_Rep2_peak_37321	61
10524812	10526600 H2AZ_Rep2_peak_37324	56
10537328	10540341 H2AZ_Rep2_peak_37327	15
10548612	10553663 H2AZ_Rep2_peak_37328	49
10555368	10557940 H2AZ_Rep2_peak_37329	176
10563146	10567654 H2AZ_Rep2_peak_37330	70
10594917	10596124 H2AZ_Rep2_peak_37332	58
10601330	10602381 H2AZ_Rep2_peak_37333	92
10626446	10628288 H2AZ_Rep2_peak_37336	34
10724671	10726050 H2AZ_Rep2_peak_37341	208
10760051	10765769 H2AZ_Rep2_peak_37342	71
10779802	10780597 H2AZ_Rep2_peak_37344	20
13251713	13253784 H2AZ_Rep2_peak_37383	127
13303401	13303952 H2AZ_Rep2_peak_37384	34
13377681	13380107 H2AZ_Rep2_peak_37385	22
13427975	13428735 H2AZ_Rep2_peak_37387	27
13476968	13480384 H2AZ_Rep2_peak_37388	47
13523368	13524159 H2AZ_Rep2_peak_37391	21
13536709	13537440 H2AZ_Rep2_peak_37392	49
13739256	13740224 H2AZ_Rep2_peak_37401	28

14008976	14012969	H2AZ_Rep2_peak_37414	196
14032433	14033585	H2AZ_Rep2_peak_37416	28
14035069	14039780	H2AZ_Rep2_peak_37417	39
14108805	14109402	H2AZ_Rep2_peak_37421	37
14140692	14145595	H2AZ_Rep2_peak_37424	95
14185468	14186552	H2AZ_Rep2_peak_37426	38
14264611	14265323	H2AZ_Rep2_peak_37427	30
14534779	14535207	H2AZ_Rep2_peak_37430	20
14579602	14583001	H2AZ_Rep2_peak_37432	104
14646041	14648848	H2AZ_Rep2_peak_37433	51
14663773	14665711	H2AZ_Rep2_peak_37434	313
14809529	14811331	H2AZ_Rep2_peak_37437	80
14869974	14873167	H2AZ_Rep2_peak_37438	45
14889691	14890949	H2AZ_Rep2_peak_37440	19
14900725	14903362	H2AZ_Rep2_peak_37442	274
14947160	14947704	H2AZ_Rep2_peak_37444	97
14957350	14963102	H2AZ_Rep2_peak_37445	86
15008233	15009229	H2AZ_Rep2_peak_37449	62
15021130	15022054	H2AZ_Rep2_peak_37450	18
16090039	16090502	H2AZ_Rep2_peak_37467	20
16203962	16206685	H2AZ_Rep2_peak_37471	21
16464898	16466815	H2AZ_Rep2_peak_37479	311
16502936	16503488	H2AZ_Rep2_peak_37480	20
16508522	16509988	H2AZ_Rep2_peak_37482	95
16539076	16539862	H2AZ_Rep2_peak_37485	75
16545810	16547272	H2AZ_Rep2_peak_37486	13
16550622	16552272	H2AZ_Rep2_peak_37487	15
16577309	16577794	H2AZ_Rep2_peak_37490	31
16616132	16618376	H2AZ_Rep2_peak_37493	60
16893878	16895011	H2AZ_Rep2_peak_37501	46
16934950	16937457	H2AZ_Rep2_peak_37504	218
16957400	16958141	H2AZ_Rep2_peak_37506	12
17024982	17025676	H2AZ_Rep2_peak_37508	13
17037490	17039466	H2AZ_Rep2_peak_37509	15
17056169	17056855	H2AZ_Rep2_peak_37511	39
17070015	17071228	H2AZ_Rep2_peak_37513	65
17118563	17119285	H2AZ_Rep2_peak_37519	84
17145691	17146918	H2AZ_Rep2_peak_37522	25
17214046	17219388	H2AZ_Rep2_peak_37524	158
17287524	17288240	H2AZ_Rep2_peak_37525	95
17302182	17303115	H2AZ_Rep2_peak_37527	49
17305170	17306872	H2AZ_Rep2_peak_37528	34
17315853	17317475	H2AZ_Rep2_peak_37529	83

17375121	17375816	H2AZ_Rep2_peak_37531	46
17413480	17415772	H2AZ_Rep2_peak_37532	54
17951610	17952731	H2AZ_Rep2_peak_37539	41
18465700	18466548	H2AZ_Rep2_peak_37544	53
18697815	18698886	H2AZ_Rep2_peak_37548	145
18744765	18746942	H2AZ_Rep2_peak_37549	239
18792390	18792878	H2AZ_Rep2_peak_37551	32
19902413	19902737	H2AZ_Rep2_peak_37565	40
20275391	20277463	H2AZ_Rep2_peak_37566	108
20680909	20681447	H2AZ_Rep2_peak_37571	25
20972614	20973144	H2AZ_Rep2_peak_37572	95
21143275	21143666	H2AZ_Rep2_peak_37575	18
21459441	21460058	H2AZ_Rep2_peak_37576	58
21558972	21559500	H2AZ_Rep2_peak_37580	38
21574093	21575441	H2AZ_Rep2_peak_37581	67
21581589	21582095	H2AZ_Rep2_peak_37582	46
21665035	21666009	H2AZ_Rep2_peak_37584	65
21679783	21681020	H2AZ_Rep2_peak_37586	16
21699807	21702038	H2AZ_Rep2_peak_37589	36
22852955	22853619	H2AZ_Rep2_peak_37599	16
22977388	22977961	H2AZ_Rep2_peak_37601	41
23012454	23015320	H2AZ_Rep2_peak_37602	45
23085113	23085867	H2AZ_Rep2_peak_37605	15
23133974	23134518	H2AZ_Rep2_peak_37609	37
23146437	23148014	H2AZ_Rep2_peak_37610	26
23178963	23179786	H2AZ_Rep2_peak_37612	62
23198166	23198733	H2AZ_Rep2_peak_37614	20
23207268	23207615	H2AZ_Rep2_peak_37615	15
23220520	23221280	H2AZ_Rep2_peak_37617	21
23225575	23228509	H2AZ_Rep2_peak_37618	27
23240030	23240915	H2AZ_Rep2_peak_37620	40
23268332	23269524	H2AZ_Rep2_peak_37623	11
23296294	23297162	H2AZ_Rep2_peak_37625	52
23303805	23305109	H2AZ_Rep2_peak_37626	47
23352486	23353246	H2AZ_Rep2_peak_37628	35
23368074	23368687	H2AZ_Rep2_peak_37629	50
23411328	23412654	H2AZ_Rep2_peak_37632	26
23423664	23425575	H2AZ_Rep2_peak_37634	49
23446239	23447160	H2AZ_Rep2_peak_37637	94
23466075	23469683	H2AZ_Rep2_peak_37638	19
23491590	23493161	H2AZ_Rep2_peak_37639	26
23525705	23527961	H2AZ_Rep2_peak_37643	15
23529433	23530306	H2AZ_Rep2_peak_37644	17

23617565	23618093	H2AZ_Rep2_peak_37646	28
23627755	23628148	H2AZ_Rep2_peak_37647	20
23631469	23632233	H2AZ_Rep2_peak_37648	193
23680931	23681278	H2AZ_Rep2_peak_37651	20
23687373	23688550	H2AZ_Rep2_peak_37652	18
23717142	23718424	H2AZ_Rep2_peak_37655	37
23868962	23870164	H2AZ_Rep2_peak_37659	39
23909784	23910088	H2AZ_Rep2_peak_37661	36
23949546	23952095	H2AZ_Rep2_peak_37662	18
24093427	24094695	H2AZ_Rep2_peak_37665	42
24271551	24273242	H2AZ_Rep2_peak_37666	63
24277097	24278100	H2AZ_Rep2_peak_37667	56
24280365	24280673	H2AZ_Rep2_peak_37668	37
24289442	24292660	H2AZ_Rep2_peak_37670	31
24363021	24365975	H2AZ_Rep2_peak_37672	35
24367202	24368173	H2AZ_Rep2_peak_37673	26
24381980	24382644	H2AZ_Rep2_peak_37675	77
24426682	24427915	H2AZ_Rep2_peak_37678	17
24444728	24446163	H2AZ_Rep2_peak_37680	79
24474846	24475363	H2AZ_Rep2_peak_37681	43
24480081	24480401	H2AZ_Rep2_peak_37682	37
24496508	24497061	H2AZ_Rep2_peak_37685	49
24502599	24503404	H2AZ_Rep2_peak_37686	11
24517959	24518362	H2AZ_Rep2_peak_37687	44
24526420	24528843	H2AZ_Rep2_peak_37688	24
24547306	24548051	H2AZ_Rep2_peak_37689	31
24649729	24650052	H2AZ_Rep2_peak_37692	32
24789111	24790857	H2AZ_Rep2_peak_37702	27
24804004	24805947	H2AZ_Rep2_peak_37703	40
24823799	24824737	H2AZ_Rep2_peak_37704	88
24831309	24833300	H2AZ_Rep2_peak_37705	62
24905239	24905652	H2AZ_Rep2_peak_37709	26
25107858	25108296	H2AZ_Rep2_peak_37714	57
25161044	25161818	H2AZ_Rep2_peak_37716	14
25247108	25248414	H2AZ_Rep2_peak_37720	13
25363063	25363607	H2AZ_Rep2_peak_37726	36
25515578	25516429	H2AZ_Rep2_peak_37729	19
25558613	25559371	H2AZ_Rep2_peak_37731	64
25568156	25569585	H2AZ_Rep2_peak_37732	19
25615653	25616171	H2AZ_Rep2_peak_37734	27
25764076	25764579	H2AZ_Rep2_peak_37736	55
25793999	25794811	H2AZ_Rep2_peak_37737	26
26030465	26031627	H2AZ_Rep2_peak_37745	11

26224362	26233419	H2AZ_Rep2_peak_37749	29
26348069	26349734	H2AZ_Rep2_peak_37753	28
26388504	26391029	H2AZ_Rep2_peak_37755	21
26482358	26484224	H2AZ_Rep2_peak_37759	65
26568394	26568884	H2AZ_Rep2_peak_37761	29
26674885	26675417	H2AZ_Rep2_peak_37762	48
27315944	27316434	H2AZ_Rep2_peak_37771	64
27403110	27404222	H2AZ_Rep2_peak_37772	47
27450687	27451138	H2AZ_Rep2_peak_37773	27
27471769	27473904	H2AZ_Rep2_peak_37774	131
27638993	27639942	H2AZ_Rep2_peak_37778	87
27688852	27690185	H2AZ_Rep2_peak_37780	30
27701847	27704737	H2AZ_Rep2_peak_37781	69
27707558	27709029	H2AZ_Rep2_peak_37782	28
27781377	27782078	H2AZ_Rep2_peak_37784	14
28012915	28015885	H2AZ_Rep2_peak_37788	26
28110738	28111066	H2AZ_Rep2_peak_37793	20
28124252	28124724	H2AZ_Rep2_peak_37794	17
28192087	28193342	H2AZ_Rep2_peak_37797	29
28587166	28587708	H2AZ_Rep2_peak_37811	42
28632797	28634454	H2AZ_Rep2_peak_37813	21
28670442	28671314	H2AZ_Rep2_peak_37814	40
29005603	29006060	H2AZ_Rep2_peak_37823	19
29016335	29017229	H2AZ_Rep2_peak_37825	29
29077399	29078275	H2AZ_Rep2_peak_37827	73
29113989	29116421	H2AZ_Rep2_peak_37831	134
29193536	29194044	H2AZ_Rep2_peak_37837	27
29197602	29199220	H2AZ_Rep2_peak_37838	95
29218581	29219013	H2AZ_Rep2_peak_37839	13
29238157	29241226	H2AZ_Rep2_peak_37841	56
29246992	29248181	H2AZ_Rep2_peak_37842	33
29250272	29250615	H2AZ_Rep2_peak_37843	32
29260196	29265792	H2AZ_Rep2_peak_37845	71
29305786	29306916	H2AZ_Rep2_peak_37847	33
29329495	29331330	H2AZ_Rep2_peak_37849	25
29543759	29544614	H2AZ_Rep2_peak_37860	43
29547709	29550911	H2AZ_Rep2_peak_37861	21
29618356	29618752	H2AZ_Rep2_peak_37865	12
29779396	29781003	H2AZ_Rep2_peak_37870	35
29795069	29796638	H2AZ_Rep2_peak_37871	88
30030125	30030671	H2AZ_Rep2_peak_37873	38
30040564	30042307	H2AZ_Rep2_peak_37874	58
30125861	30126202	H2AZ_Rep2_peak_37877	26

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30392972	30393371	H2AZ_Rep2_peak_37882	50
30539130	30540114	H2AZ_Rep2_peak_37884	17
31273580	31274851	H2AZ_Rep2_peak_37898	15
31531141	31533576	H2AZ_Rep2_peak_37903	185
31638624	31640472	H2AZ_Rep2_peak_37907	126
31720073	31720779	H2AZ_Rep2_peak_37913	23
31785378	31786184	H2AZ_Rep2_peak_37918	17
31853480	31856852	H2AZ_Rep2_peak_37925	225
31911250	31915142	H2AZ_Rep2_peak_37929	75
31935842	31936499	H2AZ_Rep2_peak_37931	46
32029902	32031363	H2AZ_Rep2_peak_37934	43
32042546	32043642	H2AZ_Rep2_peak_37935	73
32172714	32175521	H2AZ_Rep2_peak_37938	129
32193518	32194246	H2AZ_Rep2_peak_37940	37
32210902	32211746	H2AZ_Rep2_peak_37943	50
32215929	32216575	H2AZ_Rep2_peak_37944	21
32223373	32225858	H2AZ_Rep2_peak_37945	40
32312090	32314075	H2AZ_Rep2_peak_37946	125
32329274	32330902	H2AZ_Rep2_peak_37949	69
32443541	32445999	H2AZ_Rep2_peak_37951	174
32489609	32489996	H2AZ_Rep2_peak_37957	36
32531608	32532738	H2AZ_Rep2_peak_37962	65
32581533	32586549	H2AZ_Rep2_peak_37966	59
32612979	32613315	H2AZ_Rep2_peak_37967	39
32625808	32628811	H2AZ_Rep2_peak_37969	39
32677304	32680037	H2AZ_Rep2_peak_37974	28
32709201	32712256	H2AZ_Rep2_peak_37976	257
32767034	32770932	H2AZ_Rep2_peak_37978	152
32806228	32806727	H2AZ_Rep2_peak_37982	50
32933560	32934237	H2AZ_Rep2_peak_37986	15
33017923	33018346	H2AZ_Rep2_peak_37990	36
33049136	33050729	H2AZ_Rep2_peak_37993	121
33092361	33093778	H2AZ_Rep2_peak_37995	21
33146450	33149026	H2AZ_Rep2_peak_37999	35
33236058	33237893	H2AZ_Rep2_peak_38001	37
33299987	33300879	H2AZ_Rep2_peak_38004	111
33312617	33313366	H2AZ_Rep2_peak_38006	17
33318963	33321256	H2AZ_Rep2_peak_38007	37
33337101	33338477	H2AZ_Rep2_peak_38008	25
33353463	33354829	H2AZ_Rep2_peak_38009	13
33361489	33363396	H2AZ_Rep2_peak_38010	29
33367552	33371958	H2AZ_Rep2_peak_38011	55

33400829	33402067	H2AZ_Rep2_peak_38015	19
33439884	33442180	H2AZ_Rep2_peak_38019	103
34007015	34009391	H2AZ_Rep2_peak_38035	188
34411612	34412534	H2AZ_Rep2_peak_38037	19
34449097	34449522	H2AZ_Rep2_peak_38038	22
34495732	34497263	H2AZ_Rep2_peak_38044	16
34498699	34499510	H2AZ_Rep2_peak_38045	26
34585802	34588281	H2AZ_Rep2_peak_38050	57
34625827	34626171	H2AZ_Rep2_peak_38053	28
34655514	34657787	H2AZ_Rep2_peak_38054	55
34867026	34867661	H2AZ_Rep2_peak_38058	35
34914113	34916380	H2AZ_Rep2_peak_38059	177
34929077	34930784	H2AZ_Rep2_peak_38060	99
35002455	35004927	H2AZ_Rep2_peak_38061	24
35247724	35250314	H2AZ_Rep2_peak_38068	26
35478219	35480110	H2AZ_Rep2_peak_38072	131
35616837	35618834	H2AZ_Rep2_peak_38073	208
35718457	35719056	H2AZ_Rep2_peak_38075	38
35770721	35772570	H2AZ_Rep2_peak_38076	41
35797146	35798557	H2AZ_Rep2_peak_38078	24
35856722	35857703	H2AZ_Rep2_peak_38083	62
35875544	35878072	H2AZ_Rep2_peak_38085	28
36071032	36072015	H2AZ_Rep2_peak_38092	42
36079377	36079842	H2AZ_Rep2_peak_38093	101
36150692	36153186	H2AZ_Rep2_peak_38094	190
36239814	36243184	H2AZ_Rep2_peak_38095	112
36300470	36302868	H2AZ_Rep2_peak_38098	85
36353813	36354380	H2AZ_Rep2_peak_38102	25
36366032	36367263	H2AZ_Rep2_peak_38104	14
36373672	36375101	H2AZ_Rep2_peak_38105	48
36417297	36420031	H2AZ_Rep2_peak_38110	37
36440845	36445517	H2AZ_Rep2_peak_38113	51
36440845	36445517	H2AZ_Rep2_peak_38113	51
36457924	36459337	H2AZ_Rep2_peak_38114	26
36492003	36495676	H2AZ_Rep2_peak_38117	102
36502315	36503265	H2AZ_Rep2_peak_38118	40
36606083	36607696	H2AZ_Rep2_peak_38125	194
36657635	36658440	H2AZ_Rep2_peak_38128	95
36664838	36666032	H2AZ_Rep2_peak_38129	19
36668048	36668677	H2AZ_Rep2_peak_38130	30
36690513	36694651	H2AZ_Rep2_peak_38131	44
36690513	36694651	H2AZ_Rep2_peak_38131	44
36696231	36697857	H2AZ_Rep2_peak_38132	46

36701716	36703866	H2AZ_Rep2_peak_38133	33
36739865	36740918	H2AZ_Rep2_peak_38139	82
36744070	36745921	H2AZ_Rep2_peak_38140	47
36875380	36877844	H2AZ_Rep2_peak_38145	89
37248453	37250403	H2AZ_Rep2_peak_38146	162
37271737	37275346	H2AZ_Rep2_peak_38147	58
37271737	37275346	H2AZ_Rep2_peak_38147	58
37370387	37371919	H2AZ_Rep2_peak_38148	277
37376050	37379969	H2AZ_Rep2_peak_38149	77
37376050	37379969	H2AZ_Rep2_peak_38149	77
37799997	37800297	H2AZ_Rep2_peak_38150	27
37888288	37890544	H2AZ_Rep2_peak_38155	23
38426639	38427164	H2AZ_Rep2_peak_38172	64
38441936	38443050	H2AZ_Rep2_peak_38175	46
38450378	38453901	H2AZ_Rep2_peak_38177	24
38462580	38469357	H2AZ_Rep2_peak_38178	89
38462580	38469357	H2AZ_Rep2_peak_38178	89
38555814	38559162	H2AZ_Rep2_peak_38179	155
38594965	38596422	H2AZ_Rep2_peak_38180	31
38633430	38636224	H2AZ_Rep2_peak_38185	29
38639940	38642428	H2AZ_Rep2_peak_38186	11
38650439	38651842	H2AZ_Rep2_peak_38188	69
38659987	38660809	H2AZ_Rep2_peak_38189	65
38738615	38739600	H2AZ_Rep2_peak_38193	25
38783101	38783687	H2AZ_Rep2_peak_38196	19
38809177	38810534	H2AZ_Rep2_peak_38199	38
38844742	38847093	H2AZ_Rep2_peak_38200	89
39073464	39075600	H2AZ_Rep2_peak_38201	62
39092085	39093559	H2AZ_Rep2_peak_38203	95
39099232	39104276	H2AZ_Rep2_peak_38204	49
39119629	39120349	H2AZ_Rep2_peak_38206	25
39117647	39118337	H2AZ_Rep2_peak_38205	15
39157701	39158777	H2AZ_Rep2_peak_38208	32
39196643	39196969	H2AZ_Rep2_peak_38210	41
39423700	39425713	H2AZ_Rep2_peak_38215	97
39427021	39427776	H2AZ_Rep2_peak_38216	15
39458641	39459413	H2AZ_Rep2_peak_38218	94
39547902	39548420	H2AZ_Rep2_peak_38220	79
39599273	39600566	H2AZ_Rep2_peak_38221	32
39639686	39640454	H2AZ_Rep2_peak_38224	17
39648601	39650668	H2AZ_Rep2_peak_38225	17
39699120	39699865	H2AZ_Rep2_peak_38227	14
39712664	39714234	H2AZ_Rep2_peak_38228	32



39716397	39717064	H2AZ_Rep2_peak_38229	86
39759418	39762680	H2AZ_Rep2_peak_38232	30
39780337	39780745	H2AZ_Rep2_peak_38234	22
40410510	40411549	H2AZ_Rep2_peak_38241	18
40518699	40519494	H2AZ_Rep2_peak_38243	28
40676971	40680673	H2AZ_Rep2_peak_38250	77
40754586	40756740	H2AZ_Rep2_peak_38251	177
40797347	40799805	H2AZ_Rep2_peak_38252	159
40834823	40837252	H2AZ_Rep2_peak_38253	71
40841062	40842695	H2AZ_Rep2_peak_38254	136
41122713	41123048	H2AZ_Rep2_peak_38261	25
41794497	41795127	H2AZ_Rep2_peak_38265	25
41869304	41871264	H2AZ_Rep2_peak_38266	172
41903033	41905179	H2AZ_Rep2_peak_38267	127
41924739	41926216	H2AZ_Rep2_peak_38268	274
42908466	42909907	H2AZ_Rep2_peak_38279	63
42943305	42945687	H2AZ_Rep2_peak_38283	62
42949375	42951242	H2AZ_Rep2_peak_38284	52
42991523	42995988	H2AZ_Rep2_peak_38287	93
43006573	43011160	H2AZ_Rep2_peak_38288	145
43017542	43021739	H2AZ_Rep2_peak_38289	130
43039683	43043646	H2AZ_Rep2_peak_38290	191
43064562	43068069	H2AZ_Rep2_peak_38291	143
43074122	43074460	H2AZ_Rep2_peak_38292	30
43103197	43106339	H2AZ_Rep2_peak_38293	205
43120188	43122459	H2AZ_Rep2_peak_38295	143
43193010	43194305	H2AZ_Rep2_peak_38296	58
43232016	43233068	H2AZ_Rep2_peak_38300	30
43312770	43315525	H2AZ_Rep2_peak_38304	93
43400524	43403294	H2AZ_Rep2_peak_38308	67
43409519	43411988	H2AZ_Rep2_peak_38309	34
43427972	43428518	H2AZ_Rep2_peak_38312	35
43432695	43433788	H2AZ_Rep2_peak_38313	19
43482777	43484933	H2AZ_Rep2_peak_38315	132
43514177	43516334	H2AZ_Rep2_peak_38316	139
43556072	43557890	H2AZ_Rep2_peak_38317	98
43560245	43560649	H2AZ_Rep2_peak_38318	23
43601777	43604430	H2AZ_Rep2_peak_38319	239
43725641	43726556	H2AZ_Rep2_peak_38320	14
43737135	43737506	H2AZ_Rep2_peak_38322	35
43772683	43773691	H2AZ_Rep2_peak_38323	29
43791572	43792264	H2AZ_Rep2_peak_38325	15
43886912	43887222	H2AZ_Rep2_peak_38328	27

43953013	43953570	H2AZ_Rep2_peak_38331	51
43997700	43998505	H2AZ_Rep2_peak_38335	63
44045990	44047492	H2AZ_Rep2_peak_38338	84
44108325	44109178	H2AZ_Rep2_peak_38339	43
44183953	44184494	H2AZ_Rep2_peak_38342	52
44388409	44389033	H2AZ_Rep2_peak_38348	70
44538579	44540669	H2AZ_Rep2_peak_38355	69
44565477	44567866	H2AZ_Rep2_peak_38356	145
44750403	44751379	H2AZ_Rep2_peak_38360	15
44789245	44789570	H2AZ_Rep2_peak_38362	16
44808952	44809903	H2AZ_Rep2_peak_38364	179
44874931	44876582	H2AZ_Rep2_peak_38365	89
44919233	44919906	H2AZ_Rep2_peak_38367	50
45007391	45007800	H2AZ_Rep2_peak_38370	26
45247232	45247681	H2AZ_Rep2_peak_38376	12
45385943	45386634	H2AZ_Rep2_peak_38378	24
45399184	45399484	H2AZ_Rep2_peak_38379	31
45748777	45749404	H2AZ_Rep2_peak_38381	48
45766115	45766915	H2AZ_Rep2_peak_38382	26
49849433	49849763	H2AZ_Rep2_peak_38385	51
49897500	49898083	H2AZ_Rep2_peak_38387	74
49963214	49964206	H2AZ_Rep2_peak_38388	15
50007018	50007428	H2AZ_Rep2_peak_38389	18
50040589	50040955	H2AZ_Rep2_peak_38390	21
50258793	50259886	H2AZ_Rep2_peak_38392	30
50521714	50522380	H2AZ_Rep2_peak_38397	34
50523740	50524299	H2AZ_Rep2_peak_38398	56
50538195	50538585	H2AZ_Rep2_peak_38399	32
50682630	50685058	H2AZ_Rep2_peak_38402	29
50691177	50694685	H2AZ_Rep2_peak_38403	56
50698402	50700676	H2AZ_Rep2_peak_38404	22
50711524	50712011	H2AZ_Rep2_peak_38405	49
50760458	50762478	H2AZ_Rep2_peak_38406	31
50946802	50947507	H2AZ_Rep2_peak_38409	13
51256956	51257274	H2AZ_Rep2_peak_38412	42
51969438	51971012	H2AZ_Rep2_peak_38419	21
52020629	52021893	H2AZ_Rep2_peak_38420	20
52023386	52023946	H2AZ_Rep2_peak_38421	37
52083477	52084697	H2AZ_Rep2_peak_38424	82
52095230	52096907	H2AZ_Rep2_peak_38425	92
52240831	52241249	H2AZ_Rep2_peak_38428	24
52284511	52286091	H2AZ_Rep2_peak_38430	78
52404917	52406329	H2AZ_Rep2_peak_38431	170

52657468	52658492	H2AZ_Rep2_peak_38439	16
52674562	52675102	H2AZ_Rep2_peak_38440	44
52692919	52694425	H2AZ_Rep2_peak_38441	61
52713446	52713801	H2AZ_Rep2_peak_38442	13
52715521	52716572	H2AZ_Rep2_peak_38443	67
52719652	52720888	H2AZ_Rep2_peak_38444	11
52773001	52778754	H2AZ_Rep2_peak_38446	58
52855834	52857126	H2AZ_Rep2_peak_38447	144
53074743	53075925	H2AZ_Rep2_peak_38448	23
53094976	53095823	H2AZ_Rep2_peak_38450	19
53605321	53607702	H2AZ_Rep2_peak_38453	151
53655772	53656294	H2AZ_Rep2_peak_38455	74
53750739	53753295	H2AZ_Rep2_peak_38457	55
53750739	53753295	H2AZ_Rep2_peak_38457	55
53812672	53814132	H2AZ_Rep2_peak_38458	63
53942388	53942901	H2AZ_Rep2_peak_38463	78
53946982	53947671	H2AZ_Rep2_peak_38464	54
54033796	54034641	H2AZ_Rep2_peak_38466	30
54036937	54043227	H2AZ_Rep2_peak_38467	42
54281099	54282556	H2AZ_Rep2_peak_38473	17
54455671	54456275	H2AZ_Rep2_peak_38476	77
54468580	54470049	H2AZ_Rep2_peak_38477	111
54471796	54473107	H2AZ_Rep2_peak_38478	80
54484706	54485201	H2AZ_Rep2_peak_38479	27
54521728	54523949	H2AZ_Rep2_peak_38481	127
54527983	54530931	H2AZ_Rep2_peak_38482	143
54602720	54604548	H2AZ_Rep2_peak_38483	93
54733543	54735202	H2AZ_Rep2_peak_38484	22
54829558	54831645	H2AZ_Rep2_peak_38486	189
54892693	54893937	H2AZ_Rep2_peak_38488	73
54896054	54900987	H2AZ_Rep2_peak_38489	35
55007246	55009171	H2AZ_Rep2_peak_38490	171
55290214	55291658	H2AZ_Rep2_peak_38496	53
55298845	55299953	H2AZ_Rep2_peak_38497	54
55307793	55308553	H2AZ_Rep2_peak_38498	20
55354048	55354523	H2AZ_Rep2_peak_38501	96
55384338	55387405	H2AZ_Rep2_peak_38503	54
55407830	55409608	H2AZ_Rep2_peak_38504	28
55418821	55419196	H2AZ_Rep2_peak_38505	26
55438323	55438726	H2AZ_Rep2_peak_38507	46
55451077	55452747	H2AZ_Rep2_peak_38508	23
55465473	55466272	H2AZ_Rep2_peak_38510	21
55468377	55469040	H2AZ_Rep2_peak_38511	50

55470983	55472100	H2AZ_Rep2_peak_38512	64
55481600	55482176	H2AZ_Rep2_peak_38514	58
55705419	55705981	H2AZ_Rep2_peak_38518	36
55821213	55823556	H2AZ_Rep2_peak_38521	51
55829556	55831911	H2AZ_Rep2_peak_38522	116
55838011	55841249	H2AZ_Rep2_peak_38523	28
55932873	55933570	H2AZ_Rep2_peak_38528	28
56059309	56060389	H2AZ_Rep2_peak_38530	17
56110052	56113203	H2AZ_Rep2_peak_38531	87
56204544	56206935	H2AZ_Rep2_peak_38534	158
56247118	56248942	H2AZ_Rep2_peak_38535	142
56291142	56291729	H2AZ_Rep2_peak_38537	13
56327804	56328480	H2AZ_Rep2_peak_38539	20
56346538	56347087	H2AZ_Rep2_peak_38542	37
56390776	56391497	H2AZ_Rep2_peak_38543	72
56467673	56470519	H2AZ_Rep2_peak_38545	92
56594419	56594997	H2AZ_Rep2_peak_38547	44
56662375	56663857	H2AZ_Rep2_peak_38549	27
56678282	56679797	H2AZ_Rep2_peak_38550	59
56701144	56701479	H2AZ_Rep2_peak_38551	21
56736901	56739651	H2AZ_Rep2_peak_38553	35
56790614	56791840	H2AZ_Rep2_peak_38556	17
56794925	56795351	H2AZ_Rep2_peak_38557	14
56833890	56834683	H2AZ_Rep2_peak_38558	23
57030986	57031356	H2AZ_Rep2_peak_38562	41
57128723	57129115	H2AZ_Rep2_peak_38563	29
57185258	57185787	H2AZ_Rep2_peak_38566	38
57318130	57318430	H2AZ_Rep2_peak_38570	21
57534619	57537897	H2AZ_Rep2_peak_38571	23
57555359	57556328	H2AZ_Rep2_peak_38573	26
57687458	57688541	H2AZ_Rep2_peak_38574	51
57754624	57757103	H2AZ_Rep2_peak_38576	71
58182130	58187774	H2AZ_Rep2_peak_38579	53
58182130	58187774	H2AZ_Rep2_peak_38579	53
59063946	59064733	H2AZ_Rep2_peak_38582	41
59082069	59082607	H2AZ_Rep2_peak_38583	52
59105841	59106378	H2AZ_Rep2_peak_38585	39
59109667	59111311	H2AZ_Rep2_peak_38586	49
59136050	59137150	H2AZ_Rep2_peak_38588	39
59258880	59259334	H2AZ_Rep2_peak_38592	15
59337191	59338309	H2AZ_Rep2_peak_38594	28
59491728	59492429	H2AZ_Rep2_peak_38596	44
59742838	59744664	H2AZ_Rep2_peak_38602	20

59994805	59996818	H2AZ_Rep2_peak_38607	149
60139459	60140956	H2AZ_Rep2_peak_38610	91
60240090	60242073	H2AZ_Rep2_peak_38612	106
60457632	60460114	H2AZ_Rep2_peak_38613	92
60571710	60574502	H2AZ_Rep2_peak_38617	25
60585467	60587462	H2AZ_Rep2_peak_38618	43
60589332	60590868	H2AZ_Rep2_peak_38619	20
60597717	60598550	H2AZ_Rep2_peak_38621	20
60624720	60627718	H2AZ_Rep2_peak_38624	76
60870617	60871512	H2AZ_Rep2_peak_38626	103
61500947	61502503	H2AZ_Rep2_peak_38632	26
61591705	61593941	H2AZ_Rep2_peak_38634	20
61600876	61603294	H2AZ_Rep2_peak_38635	175
61699031	61700626	H2AZ_Rep2_peak_38636	152
61707856	61709439	H2AZ_Rep2_peak_38637	70
62047075	62048862	H2AZ_Rep2_peak_38638	137
62858628	62859586	H2AZ_Rep2_peak_38641	40
64063203	64065656	H2AZ_Rep2_peak_38646	189
64358400	64359174	H2AZ_Rep2_peak_38649	53
64398436	64399682	H2AZ_Rep2_peak_38651	21
64775945	64779413	H2AZ_Rep2_peak_38655	113
64858413	64859925	H2AZ_Rep2_peak_38656	188
64919342	64921320	H2AZ_Rep2_peak_38657	174
65017094	65020624	H2AZ_Rep2_peak_38658	127
65220820	65223143	H2AZ_Rep2_peak_38660	50
65438535	65440887	H2AZ_Rep2_peak_38661	91
66156156	66157799	H2AZ_Rep2_peak_38666	14
66186709	66188569	H2AZ_Rep2_peak_38668	58
66299433	66301803	H2AZ_Rep2_peak_38670	115
66310827	66311810	H2AZ_Rep2_peak_38672	30
66460649	66463736	H2AZ_Rep2_peak_38673	95
66511263	66512137	H2AZ_Rep2_peak_38675	47
67510769	67512310	H2AZ_Rep2_peak_38681	81
67715294	67716239	H2AZ_Rep2_peak_38686	47
67718618	67719471	H2AZ_Rep2_peak_38687	72
67720675	67722280	H2AZ_Rep2_peak_38688	46
67729621	67730820	H2AZ_Rep2_peak_38689	109
68258547	68259016	H2AZ_Rep2_peak_38696	31
68338299	68340071	H2AZ_Rep2_peak_38698	52
68342067	68343341	H2AZ_Rep2_peak_38699	71
68379255	68380325	H2AZ_Rep2_peak_38703	21
68388509	68390705	H2AZ_Rep2_peak_38704	76
68461775	68463816	H2AZ_Rep2_peak_38705	80

68484667	68486313	H2AZ_Rep2_peak_38706	101
68512278	68514525	H2AZ_Rep2_peak_38707	189
68529932	68531372	H2AZ_Rep2_peak_38708	184
68627545	68629069	H2AZ_Rep2_peak_38709	94
68664589	68666681	H2AZ_Rep2_peak_38711	81
68710623	68711839	H2AZ_Rep2_peak_38712	79
68788048	68789952	H2AZ_Rep2_peak_38713	90
68855443	68855862	H2AZ_Rep2_peak_38716	61
70750781	70752164	H2AZ_Rep2_peak_38717	95
70882142	70884008	H2AZ_Rep2_peak_38718	130
71053305	71054682	H2AZ_Rep2_peak_38722	21
71183128	71183758	H2AZ_Rep2_peak_38727	67
71228559	71229826	H2AZ_Rep2_peak_38729	35
71310743	71311379	H2AZ_Rep2_peak_38731	43
71437729	71438220	H2AZ_Rep2_peak_38733	46
71475418	71475932	H2AZ_Rep2_peak_38735	20
71603757	71605598	H2AZ_Rep2_peak_38736	67
71615530	71616767	H2AZ_Rep2_peak_38737	203
71642101	71642438	H2AZ_Rep2_peak_38738	21
71673862	71676279	H2AZ_Rep2_peak_38739	18
71686674	71688796	H2AZ_Rep2_peak_38740	37
71737104	71737606	H2AZ_Rep2_peak_38741	17
71740770	71742275	H2AZ_Rep2_peak_38742	62
71746794	71750295	H2AZ_Rep2_peak_38743	77
71761820	71762318	H2AZ_Rep2_peak_38745	11
71763551	71764373	H2AZ_Rep2_peak_38746	43
71799331	71800730	H2AZ_Rep2_peak_38749	100
71892955	71896571	H2AZ_Rep2_peak_38752	53
72111333	72113950	H2AZ_Rep2_peak_38758	69
72143021	72144362	H2AZ_Rep2_peak_38759	30
72249887	72252931	H2AZ_Rep2_peak_38761	84
72418780	72419086	H2AZ_Rep2_peak_38762	18
72479015	72479680	H2AZ_Rep2_peak_38771	34
72484524	72486067	H2AZ_Rep2_peak_38772	29
72497348	72498001	H2AZ_Rep2_peak_38774	89
72511600	72512508	H2AZ_Rep2_peak_38775	56
72617926	72618418	H2AZ_Rep2_peak_38780	31
72731628	72734290	H2AZ_Rep2_peak_38786	64
72743534	72744979	H2AZ_Rep2_peak_38787	40
72747064	72747930	H2AZ_Rep2_peak_38788	35
72793065	72794765	H2AZ_Rep2_peak_38790	89
72815053	72815952	H2AZ_Rep2_peak_38791	66
72836089	72837821	H2AZ_Rep2_peak_38793	44

72840114	72840790 H2AZ_Rep2_peak_38794	17
72860516	72862367 H2AZ_Rep2_peak_38795	98
72913274	72913823 H2AZ_Rep2_peak_38796	23
72919609	72922992 H2AZ_Rep2_peak_38797	84
72968735	72970942 H2AZ_Rep2_peak_38800	38
73497158	73499393 H2AZ_Rep2_peak_38805	11
73546541	73547373 H2AZ_Rep2_peak_38807	31
73611621	73612752 H2AZ_Rep2_peak_38808	89
73935740	73937229 H2AZ_Rep2_peak_38812	125
73980574	73982432 H2AZ_Rep2_peak_38816	81
74062159	74063743 H2AZ_Rep2_peak_38817	187
74094956	74095822 H2AZ_Rep2_peak_38818	19
74147038	74148721 H2AZ_Rep2_peak_38819	31
74228546	74231591 H2AZ_Rep2_peak_38822	25
74249769	74250474 H2AZ_Rep2_peak_38823	75
74345700	74349469 H2AZ_Rep2_peak_38826	32
74353342	74353701 H2AZ_Rep2_peak_38827	39
74367498	74367944 H2AZ_Rep2_peak_38829	18
74384346	74385245 H2AZ_Rep2_peak_38830	25
74387595	74388065 H2AZ_Rep2_peak_38831	34
74407768	74409169 H2AZ_Rep2_peak_38832	24
74531525	74533351 H2AZ_Rep2_peak_38833	99
74615847	74619219 H2AZ_Rep2_peak_38837	31
74615847	74619219 H2AZ_Rep2_peak_38837	31
74631421	74633781 H2AZ_Rep2_peak_38838	99
74806300	74809266 H2AZ_Rep2_peak_38839	115
75012434	75013884 H2AZ_Rep2_peak_38840	141
75476805	75477627 H2AZ_Rep2_peak_38842	48
75767855	75768866 H2AZ_Rep2_peak_38845	38
76011338	76012461 H2AZ_Rep2_peak_38852	30
76034170	76035407 H2AZ_Rep2_peak_38853	35
76085677	76087307 H2AZ_Rep2_peak_38856	36
76134119	76136233 H2AZ_Rep2_peak_38860	27
76325377	76327130 H2AZ_Rep2_peak_38864	123
76382140	76384105 H2AZ_Rep2_peak_38865	235
76440624	76441813 H2AZ_Rep2_peak_38866	38
76462594	76465836 H2AZ_Rep2_peak_38867	68
76474772	76477994 H2AZ_Rep2_peak_38868	96
76786991	76788764 H2AZ_Rep2_peak_38869	90
77071217	77072973 H2AZ_Rep2_peak_38872	122
77171646	77173028 H2AZ_Rep2_peak_38873	14
77188207	77189519 H2AZ_Rep2_peak_38875	22
77256090	77256434 H2AZ_Rep2_peak_38878	33

77589666	77591714	H2AZ_Rep2_peak_38879	123
77655494	77657753	H2AZ_Rep2_peak_38882	166
77890562	77891253	H2AZ_Rep2_peak_38884	36
77943256	77944713	H2AZ_Rep2_peak_38885	116
77949582	77949983	H2AZ_Rep2_peak_38886	13
77994113	77996221	H2AZ_Rep2_peak_38887	67
78075379	78076259	H2AZ_Rep2_peak_38889	26
78279433	78281931	H2AZ_Rep2_peak_38891	115
78320573	78321245	H2AZ_Rep2_peak_38893	16
78370456	78370884	H2AZ_Rep2_peak_38894	25
78429103	78430532	H2AZ_Rep2_peak_38895	115
78439422	78440262	H2AZ_Rep2_peak_38896	58
78489698	78490188	H2AZ_Rep2_peak_38897	57
78531200	78534830	H2AZ_Rep2_peak_38898	79
78809347	78810933	H2AZ_Rep2_peak_38904	106
78907556	78909008	H2AZ_Rep2_peak_38906	112
79066282	79067200	H2AZ_Rep2_peak_38907	28
79286104	79287860	H2AZ_Rep2_peak_38913	163
79550950	79553282	H2AZ_Rep2_peak_38920	73
79702809	79705660	H2AZ_Rep2_peak_38921	58
79782821	79786578	H2AZ_Rep2_peak_38922	57
79949833	79951424	H2AZ_Rep2_peak_38924	25
80263637	80264133	H2AZ_Rep2_peak_38927	18
80490362	80491143	H2AZ_Rep2_peak_38933	22
80595312	80598634	H2AZ_Rep2_peak_38934	203
81046456	81048226	H2AZ_Rep2_peak_38939	81
81074551	81075627	H2AZ_Rep2_peak_38942	35
81083030	81084380	H2AZ_Rep2_peak_38943	38
81115249	81116907	H2AZ_Rep2_peak_38944	98
81145849	81149984	H2AZ_Rep2_peak_38947	58
81266155	81268864	H2AZ_Rep2_peak_38951	103
81573893	81575056	H2AZ_Rep2_peak_38953	29
81653206	81653506	H2AZ_Rep2_peak_38954	19
81701377	81702678	H2AZ_Rep2_peak_38955	65
82372716	82374436	H2AZ_Rep2_peak_38958	127
83140046	83141003	H2AZ_Rep2_peak_38961	35
84589062	84589511	H2AZ_Rep2_peak_38972	21
85912778	85914426	H2AZ_Rep2_peak_38976	151
86316023	86316706	H2AZ_Rep2_peak_38978	72
86370808	86371280	H2AZ_Rep2_peak_38979	25
86415592	86418375	H2AZ_Rep2_peak_38981	44
86450130	86451453	H2AZ_Rep2_peak_38983	30
86490689	86492147	H2AZ_Rep2_peak_38986	24



86562434	86565264	H2AZ_Rep2_peak_38987	124
86707763	86709477	H2AZ_Rep2_peak_38988	165
87468559	87469320	H2AZ_Rep2_peak_38995	76
87563611	87565686	H2AZ_Rep2_peak_38996	121
89704560	89706756	H2AZ_Rep2_peak_39004	179
89768907	89771250	H2AZ_Rep2_peak_39005	231
89824536	89826160	H2AZ_Rep2_peak_39006	242
90374461	90375112	H2AZ_Rep2_peak_39011	12
90457881	90458621	H2AZ_Rep2_peak_39015	25
90485967	90486507	H2AZ_Rep2_peak_39016	26
90508181	90509042	H2AZ_Rep2_peak_39017	36
90575469	90576761	H2AZ_Rep2_peak_39019	50
90627514	90628334	H2AZ_Rep2_peak_39022	26
90637009	90637847	H2AZ_Rep2_peak_39024	24
90634988	90635334	H2AZ_Rep2_peak_39023	11
90679275	90680065	H2AZ_Rep2_peak_39026	28
90805595	90805977	H2AZ_Rep2_peak_39028	16
91377733	91378588	H2AZ_Rep2_peak_39030	30
91840041	91842080	H2AZ_Rep2_peak_39033	33
91976324	91977447	H2AZ_Rep2_peak_39034	131
92263055	92263585	H2AZ_Rep2_peak_39035	15
92413208	92414680	H2AZ_Rep2_peak_39038	75
92585389	92586116	H2AZ_Rep2_peak_39041	28
92608926	92610375	H2AZ_Rep2_peak_39042	22
92656625	92657082	H2AZ_Rep2_peak_39044	18
92915511	92921945	H2AZ_Rep2_peak_39049	93
92915511	92921945	H2AZ_Rep2_peak_39049	93
92932439	92936648	H2AZ_Rep2_peak_39050	54
92943072	92943774	H2AZ_Rep2_peak_39051	36
92955860	92957293	H2AZ_Rep2_peak_39052	46
93136798	93137568	H2AZ_Rep2_peak_39053	17
93446516	93448298	H2AZ_Rep2_peak_39054	127
93844246	93844653	H2AZ_Rep2_peak_39055	33
93861286	93862968	H2AZ_Rep2_peak_39056	20
93953354	93954722	H2AZ_Rep2_peak_39058	40
94416991	94418047	H2AZ_Rep2_peak_39061	45
94619589	94620889	H2AZ_Rep2_peak_39065	32
94730115	94730507	H2AZ_Rep2_peak_39066	51
94782001	94783403	H2AZ_Rep2_peak_39068	17
94889619	94891893	H2AZ_Rep2_peak_39069	149
94967526	94968258	H2AZ_Rep2_peak_39070	68
94979664	94983313	H2AZ_Rep2_peak_39072	74
94979664	94983313	H2AZ_Rep2_peak_39072	74

95032955	95034497	H2AZ_Rep2_peak_39074	47
95045939	95048170	H2AZ_Rep2_peak_39075	61
95066527	95068263	H2AZ_Rep2_peak_39078	78
95157330	95160797	H2AZ_Rep2_peak_39079	81
95168645	95171725	H2AZ_Rep2_peak_39080	26
95176905	95179847	H2AZ_Rep2_peak_39081	38
95192890	95195847	H2AZ_Rep2_peak_39082	49
95199114	95201282	H2AZ_Rep2_peak_39083	136
95205987	95207073	H2AZ_Rep2_peak_39084	47
95294895	95298247	H2AZ_Rep2_peak_39085	47
95361485	95362331	H2AZ_Rep2_peak_39087	13
95401575	95402098	H2AZ_Rep2_peak_39089	35
95403390	95404257	H2AZ_Rep2_peak_39090	50
95416841	95417370	H2AZ_Rep2_peak_39093	40
95420269	95420851	H2AZ_Rep2_peak_39094	68
95429672	95430886	H2AZ_Rep2_peak_39095	25
95484879	95486357	H2AZ_Rep2_peak_39096	18
95572560	95572863	H2AZ_Rep2_peak_39097	19
95594931	95595289	H2AZ_Rep2_peak_39099	14
95671190	95673387	H2AZ_Rep2_peak_39100	27
95719637	95720541	H2AZ_Rep2_peak_39103	25
95743973	95745343	H2AZ_Rep2_peak_39105	32
95808730	95809725	H2AZ_Rep2_peak_39106	34
95828975	95829705	H2AZ_Rep2_peak_39107	71
95834436	95836177	H2AZ_Rep2_peak_39108	40
95838519	95844648	H2AZ_Rep2_peak_39109	21
95838519	95844648	H2AZ_Rep2_peak_39109	21
95847215	95847650	H2AZ_Rep2_peak_39110	31
95864183	95867074	H2AZ_Rep2_peak_39112	17
95881414	95881756	H2AZ_Rep2_peak_39114	38
95883181	95883671	H2AZ_Rep2_peak_39115	57
95908374	95908948	H2AZ_Rep2_peak_39118	35
95914549	95916717	H2AZ_Rep2_peak_39119	25
95917924	95918483	H2AZ_Rep2_peak_39120	81
95936663	95937868	H2AZ_Rep2_peak_39122	15
95947720	95948053	H2AZ_Rep2_peak_39123	19
95949881	95951267	H2AZ_Rep2_peak_39124	55
95992035	95992757	H2AZ_Rep2_peak_39127	25
95996993	95999322	H2AZ_Rep2_peak_39128	31
96038160	96039289	H2AZ_Rep2_peak_39129	47
96142730	96145886	H2AZ_Rep2_peak_39130	74
96210316	96213268	H2AZ_Rep2_peak_39135	138
96269276	96272914	H2AZ_Rep2_peak_39136	118

96518405	96519992	H2AZ_Rep2_peak_39140	167
97386163	97386895	H2AZ_Rep2_peak_39142	47
97551116	97552890	H2AZ_Rep2_peak_39144	34
97645388	97646187	H2AZ_Rep2_peak_39145	66
98103925	98110368	H2AZ_Rep2_peak_39149	68
98263705	98265760	H2AZ_Rep2_peak_39150	46
98355612	98356188	H2AZ_Rep2_peak_39152	18
98367711	98370201	H2AZ_Rep2_peak_39153	100
99869882	99871885	H2AZ_Rep2_peak_39157	149
99982883	99983727	H2AZ_Rep2_peak_39158	63
100067469	100067871	H2AZ_Rep2_peak_39159	39
100112105	100114155	H2AZ_Rep2_peak_39160	34
100224986	100227216	H2AZ_Rep2_peak_39161	33
101480337	101481825	H2AZ_Rep2_peak_39168	43
101789447	101790062	H2AZ_Rep2_peak_39174	27
101897551	101898034	H2AZ_Rep2_peak_39176	40
102089840	102092228	H2AZ_Rep2_peak_39178	149
102201371	102202178	H2AZ_Rep2_peak_39180	60
102454769	102457007	H2AZ_Rep2_peak_39182	113
102560003	102560853	H2AZ_Rep2_peak_39184	45
102593628	102595913	H2AZ_Rep2_peak_39185	88
102780016	102780699	H2AZ_Rep2_peak_39191	39
102782641	102783463	H2AZ_Rep2_peak_39192	17
102858153	102860674	H2AZ_Rep2_peak_39194	44
102896456	102899453	H2AZ_Rep2_peak_39195	118
102960164	102961399	H2AZ_Rep2_peak_39196	56
103203769	103204451	H2AZ_Rep2_peak_39199	64
103264792	103265360	H2AZ_Rep2_peak_39200	28
103514019	103515104	H2AZ_Rep2_peak_39202	88
104245874	104247014	H2AZ_Rep2_peak_39206	70
104923789	104924268	H2AZ_Rep2_peak_39213	40
105153053	105153473	H2AZ_Rep2_peak_39215	21
105692096	105693233	H2AZ_Rep2_peak_39218	35
105978968	105979349	H2AZ_Rep2_peak_39221	42
106907291	106908245	H2AZ_Rep2_peak_39228	57
107005027	107010220	H2AZ_Rep2_peak_39229	111
107338499	107339313	H2AZ_Rep2_peak_39238	21
107716233	107718946	H2AZ_Rep2_peak_39240	77
107734168	107734537	H2AZ_Rep2_peak_39241	41
107977431	107978271	H2AZ_Rep2_peak_39246	132
108016094	108018876	H2AZ_Rep2_peak_39249	14
108062961	108065820	H2AZ_Rep2_peak_39251	124
108083669	108085601	H2AZ_Rep2_peak_39254	52

108744721	108747913	H2AZ_Rep2_peak_39259	80
108789530	108791742	H2AZ_Rep2_peak_39260	16
108868745	108869684	H2AZ_Rep2_peak_39261	11
109022787	109027311	H2AZ_Rep2_peak_39265	89
109266701	109267369	H2AZ_Rep2_peak_39266	18
110072584	110075421	H2AZ_Rep2_peak_39272	222
110408606	110409553	H2AZ_Rep2_peak_39273	49
110427076	110428753	H2AZ_Rep2_peak_39274	227
110847354	110849099	H2AZ_Rep2_peak_39278	96
111016533	111017632	H2AZ_Rep2_peak_39280	57
111092533	111093849	H2AZ_Rep2_peak_39282	36
111495989	111497340	H2AZ_Rep2_peak_39284	32
111753569	111756361	H2AZ_Rep2_peak_39288	151
111887500	111888882	H2AZ_Rep2_peak_39292	15
112041319	112044326	H2AZ_Rep2_peak_39297	199
112073052	112074217	H2AZ_Rep2_peak_39298	117
112183822	112184170	H2AZ_Rep2_peak_39299	27
112196133	112197943	H2AZ_Rep2_peak_39300	120
112256722	112258893	H2AZ_Rep2_peak_39301	133
112293837	112295847	H2AZ_Rep2_peak_39302	29
112304875	112305772	H2AZ_Rep2_peak_39303	24
112311521	112314102	H2AZ_Rep2_peak_39304	90
112382541	112383801	H2AZ_Rep2_peak_39306	32
112537719	112540516	H2AZ_Rep2_peak_39309	52
112672276	112673162	H2AZ_Rep2_peak_39314	24
112848624	112850350	H2AZ_Rep2_peak_39317	139
112942009	112942388	H2AZ_Rep2_peak_39318	24
113521081	113521873	H2AZ_Rep2_peak_39321	32
113578907	113579505	H2AZ_Rep2_peak_39322	15
114504532	114506681	H2AZ_Rep2_peak_39325	120
114597555	114599692	H2AZ_Rep2_peak_39326	159
114631327	114633116	H2AZ_Rep2_peak_39327	152
114750113	114751059	H2AZ_Rep2_peak_39331	82
114880103	114881291	H2AZ_Rep2_peak_39333	51
114887313	114888617	H2AZ_Rep2_peak_39334	25
114937360	114938130	H2AZ_Rep2_peak_39335	24
114961156	114962619	H2AZ_Rep2_peak_39336	77
114968850	114970474	H2AZ_Rep2_peak_39337	19
115176338	115178455	H2AZ_Rep2_peak_39340	89
115419800	115421849	H2AZ_Rep2_peak_39345	84
116444379	116444986	H2AZ_Rep2_peak_39354	19
118127431	118127893	H2AZ_Rep2_peak_39356	39
118323177	118325684	H2AZ_Rep2_peak_39357	98

118405360	118407654	H2AZ_Rep2_peak_39360	136
118591131	118592257	H2AZ_Rep2_peak_39361	50
118603804	118605398	H2AZ_Rep2_peak_39362	129
118657382	118659858	H2AZ_Rep2_peak_39363	46
118733560	118735134	H2AZ_Rep2_peak_39365	25
118746567	118748199	H2AZ_Rep2_peak_39366	142
118770156	118771731	H2AZ_Rep2_peak_39368	20
118787229	118789145	H2AZ_Rep2_peak_39369	161
118969048	118971090	H2AZ_Rep2_peak_39373	28
119104987	119105780	H2AZ_Rep2_peak_39376	61
119475302	119476242	H2AZ_Rep2_peak_39380	25
119488363	119488940	H2AZ_Rep2_peak_39382	31
119593577	119594182	H2AZ_Rep2_peak_39388	19
119793820	119794126	H2AZ_Rep2_peak_39392	30
119899491	119900312	H2AZ_Rep2_peak_39393	35
119945451	119945879	H2AZ_Rep2_peak_39395	60
119951849	119952310	H2AZ_Rep2_peak_39396	47
119959849	119961194	H2AZ_Rep2_peak_39397	15
120534609	120535312	H2AZ_Rep2_peak_39403	31
121029562	121032338	H2AZ_Rep2_peak_39406	34
121296633	121298214	H2AZ_Rep2_peak_39408	86
121412258	121414858	H2AZ_Rep2_peak_39409	100
121434826	121435285	H2AZ_Rep2_peak_39411	15
121828884	121829655	H2AZ_Rep2_peak_39418	14
122058989	122059631	H2AZ_Rep2_peak_39420	17
122061822	122063083	H2AZ_Rep2_peak_39421	29
122086870	122087539	H2AZ_Rep2_peak_39422	61
122094847	122098084	H2AZ_Rep2_peak_39424	55
122109163	122111788	H2AZ_Rep2_peak_39425	91
122179708	122182322	H2AZ_Rep2_peak_39426	98
122370548	122373291	H2AZ_Rep2_peak_39428	97
122454761	122455491	H2AZ_Rep2_peak_39431	61
122756683	122760185	H2AZ_Rep2_peak_39433	42
122764298	122766293	H2AZ_Rep2_peak_39434	63
122789536	122790731	H2AZ_Rep2_peak_39438	22
122795838	122796888	H2AZ_Rep2_peak_39439	23
122817758	122818216	H2AZ_Rep2_peak_39440	23
122847158	122849091	H2AZ_Rep2_peak_39441	43
123145881	123146603	H2AZ_Rep2_peak_39442	72
123149594	123151359	H2AZ_Rep2_peak_39443	59
123155765	123156481	H2AZ_Rep2_peak_39444	37
123180674	123181169	H2AZ_Rep2_peak_39445	14
123252236	123252644	H2AZ_Rep2_peak_39446	15

123736924	123737986	H2AZ_Rep2_peak_39450	27
123964516	123965604	H2AZ_Rep2_peak_39451	76
123991878	123992326	H2AZ_Rep2_peak_39452	22
123997232	123997611	H2AZ_Rep2_peak_39453	40
125337926	125338587	H2AZ_Rep2_peak_39462	24
125689127	125691647	H2AZ_Rep2_peak_39469	52
125704725	125707343	H2AZ_Rep2_peak_39470	27
125720515	125722309	H2AZ_Rep2_peak_39471	32
125758145	125760505	H2AZ_Rep2_peak_39472	96
125781348	125783194	H2AZ_Rep2_peak_39473	109
125806424	125808597	H2AZ_Rep2_peak_39474	25
125844301	125844739	H2AZ_Rep2_peak_39475	36
125861409	125861992	H2AZ_Rep2_peak_39476	122
125929349	125931455	H2AZ_Rep2_peak_39477	72
125935340	125937438	H2AZ_Rep2_peak_39478	195
126011755	126012314	H2AZ_Rep2_peak_39480	25
126081061	126081516	H2AZ_Rep2_peak_39481	47
126111415	126114679	H2AZ_Rep2_peak_39483	57
126365361	126367667	H2AZ_Rep2_peak_39485	47
126728161	126728843	H2AZ_Rep2_peak_39488	12
126850621	126854264	H2AZ_Rep2_peak_39490	185
127148140	127148853	H2AZ_Rep2_peak_39493	17
127211279	127212391	H2AZ_Rep2_peak_39497	46
127418120	127420844	H2AZ_Rep2_peak_39499	103
127612296	127612662	H2AZ_Rep2_peak_39504	42
127872243	127874193	H2AZ_Rep2_peak_39505	43
127914070	127916056	H2AZ_Rep2_peak_39507	42
127980514	127980886	H2AZ_Rep2_peak_39508	43
128118203	128120369	H2AZ_Rep2_peak_39510	78
128429693	128431415	H2AZ_Rep2_peak_39512	178
129885168	129885499	H2AZ_Rep2_peak_39514	31
130172364	130172978	H2AZ_Rep2_peak_39515	27
130232719	130233701	H2AZ_Rep2_peak_39516	45
130500008	130501509	H2AZ_Rep2_peak_39519	59
130505840	130507579	H2AZ_Rep2_peak_39520	141
130598689	130600584	H2AZ_Rep2_peak_39523	94
130648511	130648882	H2AZ_Rep2_peak_39524	31
130970346	130972744	H2AZ_Rep2_peak_39525	69
131131777	131133591	H2AZ_Rep2_peak_39526	112
131337192	131338701	H2AZ_Rep2_peak_39527	61
131410797	131411403	H2AZ_Rep2_peak_39530	25
131422028	131422638	H2AZ_Rep2_peak_39532	48
131438582	131440751	H2AZ_Rep2_peak_39534	48

131512268	131512786	H2AZ_Rep2_peak_39535	23
131550777	131551470	H2AZ_Rep2_peak_39537	41
131561438	131564131	H2AZ_Rep2_peak_39538	76
131589561	131591155	H2AZ_Rep2_peak_39540	26
131599895	131602869	H2AZ_Rep2_peak_39542	73
131608321	131610864	H2AZ_Rep2_peak_39544	30
131627919	131631311	H2AZ_Rep2_peak_39546	101
131704785	131706447	H2AZ_Rep2_peak_39547	129
131722580	131723808	H2AZ_Rep2_peak_39548	35
131745867	131747416	H2AZ_Rep2_peak_39549	137
131755167	131756100	H2AZ_Rep2_peak_39550	58
131825598	131827328	H2AZ_Rep2_peak_39554	69
131830366	131833871	H2AZ_Rep2_peak_39555	63
131849357	131849856	H2AZ_Rep2_peak_39556	20
131861891	131865038	H2AZ_Rep2_peak_39557	52
131891960	131893606	H2AZ_Rep2_peak_39560	115
132072374	132074279	H2AZ_Rep2_peak_39564	109
132111331	132114258	H2AZ_Rep2_peak_39565	105
132165233	132167015	H2AZ_Rep2_peak_39569	101
132173581	132177507	H2AZ_Rep2_peak_39570	34
132201337	132202868	H2AZ_Rep2_peak_39571	106
132298193	132300031	H2AZ_Rep2_peak_39572	85
132307597	132308028	H2AZ_Rep2_peak_39573	59
132361350	132362953	H2AZ_Rep2_peak_39575	117
132386816	132388827	H2AZ_Rep2_peak_39578	125
132446812	132447198	H2AZ_Rep2_peak_39579	29
132466303	132466605	H2AZ_Rep2_peak_39580	29
132621193	132621567	H2AZ_Rep2_peak_39583	18
132759099	132759990	H2AZ_Rep2_peak_39584	23
133063999	133064970	H2AZ_Rep2_peak_39594	23
133070460	133074547	H2AZ_Rep2_peak_39595	66
133070460	133074547	H2AZ_Rep2_peak_39595	66
133076830	133082874	H2AZ_Rep2_peak_39596	42
133149690	133150177	H2AZ_Rep2_peak_39605	35
133153088	133157489	H2AZ_Rep2_peak_39606	33
133153088	133157489	H2AZ_Rep2_peak_39606	33
133205181	133205694	H2AZ_Rep2_peak_39609	19
133303673	133304726	H2AZ_Rep2_peak_39614	108
133339433	133341715	H2AZ_Rep2_peak_39615	52
133353774	133355200	H2AZ_Rep2_peak_39616	65
133364463	133365027	H2AZ_Rep2_peak_39617	45
133389486	133390076	H2AZ_Rep2_peak_39619	40
133394201	133395389	H2AZ_Rep2_peak_39620	202

133406624	133406924	H2AZ_Rep2_peak_39621	30
133449849	133450414	H2AZ_Rep2_peak_39622	85
133510994	133514124	H2AZ_Rep2_peak_39623	104
133561081	133562828	H2AZ_Rep2_peak_39624	94
133580687	133582737	H2AZ_Rep2_peak_39625	76
133679122	133679806	H2AZ_Rep2_peak_39628	41
133702339	133703378	H2AZ_Rep2_peak_39629	110
133706505	133707539	H2AZ_Rep2_peak_39630	66
133747066	133748650	H2AZ_Rep2_peak_39631	139
133773867	133775528	H2AZ_Rep2_peak_39633	61
133801042	133802822	H2AZ_Rep2_peak_39635	62
133837415	133840166	H2AZ_Rep2_peak_39636	86
133841554	133842931	H2AZ_Rep2_peak_39637	72
133846792	133848436	H2AZ_Rep2_peak_39639	77
133859589	133863774	H2AZ_Rep2_peak_39640	38
133922281	133923042	H2AZ_Rep2_peak_39642	43
133927140	133928819	H2AZ_Rep2_peak_39643	33
133967895	133969069	H2AZ_Rep2_peak_39644	243
133983396	133985216	H2AZ_Rep2_peak_39645	90
134073372	134075191	H2AZ_Rep2_peak_39646	159
134092643	134095135	H2AZ_Rep2_peak_39647	123
134180870	134182731	H2AZ_Rep2_peak_39648	68
134208536	134211204	H2AZ_Rep2_peak_39649	251
134239944	134241880	H2AZ_Rep2_peak_39650	64
134369030	134370932	H2AZ_Rep2_peak_39651	48
134420778	134421896	H2AZ_Rep2_peak_39652	50
134462768	134465460	H2AZ_Rep2_peak_39654	62
134468717	134472196	H2AZ_Rep2_peak_39655	66
134473821	134478049	H2AZ_Rep2_peak_39656	44
134526733	134527498	H2AZ_Rep2_peak_39658	37
134544129	134545158	H2AZ_Rep2_peak_39659	37
134557306	134557773	H2AZ_Rep2_peak_39660	15
134581079	134583421	H2AZ_Rep2_peak_39661	82
134734236	134735695	H2AZ_Rep2_peak_39663	117
134791546	134795369	H2AZ_Rep2_peak_39667	42
134791546	134795369	H2AZ_Rep2_peak_39667	42
134801843	134802462	H2AZ_Rep2_peak_39668	59
134823854	134824845	H2AZ_Rep2_peak_39669	26
134827740	134829926	H2AZ_Rep2_peak_39670	42
134889489	134890137	H2AZ_Rep2_peak_39671	77
134895030	134897046	H2AZ_Rep2_peak_39672	33
135313785	135314261	H2AZ_Rep2_peak_39676	43
135355874	135357110	H2AZ_Rep2_peak_39678	25



135364025	135365608	H2AZ_Rep2_peak_39679	66
135388877	135390094	H2AZ_Rep2_peak_39680	52
135393283	135394671	H2AZ_Rep2_peak_39681	47
135415674	135418726	H2AZ_Rep2_peak_39682	54
135467710	135469659	H2AZ_Rep2_peak_39683	113
135548876	135552886	H2AZ_Rep2_peak_39685	20
136481946	136482462	H2AZ_Rep2_peak_39697	26
136895224	136897288	H2AZ_Rep2_peak_39701	37
136898972	136900509	H2AZ_Rep2_peak_39702	95
136965432	136966165	H2AZ_Rep2_peak_39706	26
136996102	136996609	H2AZ_Rep2_peak_39707	24
137089591	137091042	H2AZ_Rep2_peak_39708	54
137224239	137225735	H2AZ_Rep2_peak_39709	248
137367646	137369475	H2AZ_Rep2_peak_39710	86
137371810	137372318	H2AZ_Rep2_peak_39711	82
137513430	137516226	H2AZ_Rep2_peak_39715	153
137548450	137549765	H2AZ_Rep2_peak_39716	129
137558357	137559706	H2AZ_Rep2_peak_39717	28
137666345	137668095	H2AZ_Rep2_peak_39720	126
137672901	137674671	H2AZ_Rep2_peak_39721	178
137687483	137689504	H2AZ_Rep2_peak_39722	37
137784851	137786232	H2AZ_Rep2_peak_39723	101
137799161	137801154	H2AZ_Rep2_peak_39725	21
137827047	137828511	H2AZ_Rep2_peak_39727	51
137878393	137879820	H2AZ_Rep2_peak_39729	60
137910636	137912070	H2AZ_Rep2_peak_39730	75
138060397	138061589	H2AZ_Rep2_peak_39739	23
138084194	138084878	H2AZ_Rep2_peak_39740	43
138088127	138089900	H2AZ_Rep2_peak_39741	46
138532256	138535565	H2AZ_Rep2_peak_39742	85
138557644	138558271	H2AZ_Rep2_peak_39743	21
138581589	138582667	H2AZ_Rep2_peak_39745	130
138606959	138611806	H2AZ_Rep2_peak_39748	36
138628724	138630364	H2AZ_Rep2_peak_39749	77
138676863	138678016	H2AZ_Rep2_peak_39750	132
138709277	138711099	H2AZ_Rep2_peak_39751	20
138717702	138719673	H2AZ_Rep2_peak_39752	28
138727033	138729342	H2AZ_Rep2_peak_39754	68
138738446	138740545	H2AZ_Rep2_peak_39755	69
138774374	138775944	H2AZ_Rep2_peak_39756	284
138861126	138863129	H2AZ_Rep2_peak_39757	121
138872144	138872967	H2AZ_Rep2_peak_39759	54
138897053	138898672	H2AZ_Rep2_peak_39761	280

138940062	138941895	H2AZ_Rep2_peak_39762	109
139015564	139018212	H2AZ_Rep2_peak_39763	57
139022161	139023383	H2AZ_Rep2_peak_39764	54
139027346	139029994	H2AZ_Rep2_peak_39765	24
139035657	139036198	H2AZ_Rep2_peak_39766	55
139038659	139041481	H2AZ_Rep2_peak_39767	90
139124783	139125600	H2AZ_Rep2_peak_39771	22
139145098	139146015	H2AZ_Rep2_peak_39772	124
139154514	139155135	H2AZ_Rep2_peak_39773	23
139166307	139167793	H2AZ_Rep2_peak_39774	91
139250187	139254091	H2AZ_Rep2_peak_39776	27
139348084	139349223	H2AZ_Rep2_peak_39782	25
139421287	139421705	H2AZ_Rep2_peak_39785	31
139486705	139488678	H2AZ_Rep2_peak_39786	73
139493103	139494594	H2AZ_Rep2_peak_39787	66
139536329	139537415	H2AZ_Rep2_peak_39788	83
139543934	139548256	H2AZ_Rep2_peak_39789	29
139554063	139555841	H2AZ_Rep2_peak_39790	69
139682181	139683324	H2AZ_Rep2_peak_39791	139
139691085	139692605	H2AZ_Rep2_peak_39792	117
139701137	139704804	H2AZ_Rep2_peak_39793	52
139724265	139729230	H2AZ_Rep2_peak_39795	67
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139736725	139738304	H2AZ_Rep2_peak_39796	58
139752209	139754508	H2AZ_Rep2_peak_39798	35
139779647	139782513	H2AZ_Rep2_peak_39799	156
139936650	139938146	H2AZ_Rep2_peak_39800	57
139943360	139945150	H2AZ_Rep2_peak_39801	133
139955932	139956459	H2AZ_Rep2_peak_39802	28
139970434	139971984	H2AZ_Rep2_peak_39803	26
140018419	140019808	H2AZ_Rep2_peak_39805	145
140026682	140027912	H2AZ_Rep2_peak_39806	106
140043734	140045119	H2AZ_Rep2_peak_39807	167
140070222	140072064	H2AZ_Rep2_peak_39808	120
140079501	140080849	H2AZ_Rep2_peak_39809	65
140090042	140091311	H2AZ_Rep2_peak_39810	73
140097936	140100323	H2AZ_Rep2_peak_39811	66
140104853	140105773	H2AZ_Rep2_peak_39812	61
140356843	140358350	H2AZ_Rep2_peak_39818	31
140367714	140369470	H2AZ_Rep2_peak_39819	17
140375480	140376091	H2AZ_Rep2_peak_39820	76
140383509	140384416	H2AZ_Rep2_peak_39821	23
140464215	140465595	H2AZ_Rep2_peak_39823	18

140474060	140475412	H2AZ_Rep2_peak_39824	50
140602832	140603301	H2AZ_Rep2_peak_39826	74
140699954	140701071	H2AZ_Rep2_peak_39828	153
140710055	140711047	H2AZ_Rep2_peak_39829	60
140713618	140714507	H2AZ_Rep2_peak_39830	44
140739464	140740515	H2AZ_Rep2_peak_39831	39
140792549	140792934	H2AZ_Rep2_peak_39835	42
140997328	140999637	H2AZ_Rep2_peak_39836	29
141015412	141018216	H2AZ_Rep2_peak_39837	98
141030412	141031718	H2AZ_Rep2_peak_39838	77
141060312	141062359	H2AZ_Rep2_peak_39839	117
141071566	141073180	H2AZ_Rep2_peak_39840	43
141090589	141097409	H2AZ_Rep2_peak_39841	45
141105408	141105786	H2AZ_Rep2_peak_39842	18
141200119	141203011	H2AZ_Rep2_peak_39843	29
141220622	141223275	H2AZ_Rep2_peak_39846	25
141228002	141230016	H2AZ_Rep2_peak_39847	65
141255042	141259010	H2AZ_Rep2_peak_39848	94
141302716	141303750	H2AZ_Rep2_peak_39850	92
141337709	141338751	H2AZ_Rep2_peak_39851	28
141340120	141343416	H2AZ_Rep2_peak_39852	41
141348108	141350249	H2AZ_Rep2_peak_39853	155
141391661	141395944	H2AZ_Rep2_peak_39854	42
141403801	141405413	H2AZ_Rep2_peak_39855	71
141487411	141489230	H2AZ_Rep2_peak_39859	170
141703559	141705082	H2AZ_Rep2_peak_39864	101
141721693	141722628	H2AZ_Rep2_peak_39865	28
141736021	141737253	H2AZ_Rep2_peak_39867	51
141742157	141743537	H2AZ_Rep2_peak_39868	26
141825622	141826712	H2AZ_Rep2_peak_39874	23
141851432	141852636	H2AZ_Rep2_peak_39875	25
141977483	141978677	H2AZ_Rep2_peak_39881	31
142024100	142026510	H2AZ_Rep2_peak_39884	70
142092153	142093688	H2AZ_Rep2_peak_39886	99
142148835	142151641	H2AZ_Rep2_peak_39891	138
142196108	142196947	H2AZ_Rep2_peak_39892	21
142204769	142205267	H2AZ_Rep2_peak_39895	21
142254346	142254784	H2AZ_Rep2_peak_39896	37
142430892	142431525	H2AZ_Rep2_peak_39901	15
142534643	142535084	H2AZ_Rep2_peak_39902	29
142598926	142599669	H2AZ_Rep2_peak_39903	61
142622777	142626051	H2AZ_Rep2_peak_39904	100
142782914	142786950	H2AZ_Rep2_peak_39906	167

142835681	142837479	H2AZ_Rep2_peak_39908	43
142915860	142916512	H2AZ_Rep2_peak_39913	43
142921681	142923677	H2AZ_Rep2_peak_39914	53
142932346	142934199	H2AZ_Rep2_peak_39915	15
142941070	142943146	H2AZ_Rep2_peak_39916	62
142972112	142977199	H2AZ_Rep2_peak_39919	32
143009293	143009901	H2AZ_Rep2_peak_39920	37
143302502	143303962	H2AZ_Rep2_peak_39925	23
143311364	143312173	H2AZ_Rep2_peak_39926	15
143358891	143359253	H2AZ_Rep2_peak_39927	15
143365642	143367081	H2AZ_Rep2_peak_39928	17
143521246	143522920	H2AZ_Rep2_peak_39934	35
143549473	143550992	H2AZ_Rep2_peak_39935	107
143570845	143571827	H2AZ_Rep2_peak_39936	28
143578237	143578537	H2AZ_Rep2_peak_39937	25
144623600	144625515	H2AZ_Rep2_peak_39942	62
145076934	145077358	H2AZ_Rep2_peak_39950	34
145131945	145132980	H2AZ_Rep2_peak_39951	46
145155104	145158403	H2AZ_Rep2_peak_39953	28
145214316	145215787	H2AZ_Rep2_peak_39954	139
145234081	145235545	H2AZ_Rep2_peak_39956	42
145315096	145317819	H2AZ_Rep2_peak_39958	79
145406872	145408103	H2AZ_Rep2_peak_39959	39
145420392	145422857	H2AZ_Rep2_peak_39960	60
145517684	145517984	H2AZ_Rep2_peak_39962	24
145561592	145563115	H2AZ_Rep2_peak_39963	83
145580199	145583939	H2AZ_Rep2_peak_39964	63
145805689	145808752	H2AZ_Rep2_peak_39965	40
145825746	145827671	H2AZ_Rep2_peak_39967	43
146130315	146130849	H2AZ_Rep2_peak_39973	60
146689605	146690345	H2AZ_Rep2_peak_39978	49
146762094	146763075	H2AZ_Rep2_peak_39979	92
146783203	146784561	H2AZ_Rep2_peak_39981	85
147272293	147273569	H2AZ_Rep2_peak_39983	27
147285014	147286643	H2AZ_Rep2_peak_39984	43
147329609	147331122	H2AZ_Rep2_peak_39985	39
147413256	147413626	H2AZ_Rep2_peak_39990	26
147465244	147466305	H2AZ_Rep2_peak_39991	21
147468252	147472150	H2AZ_Rep2_peak_39992	28
147600245	147601842	H2AZ_Rep2_peak_39994	54
147647910	147648702	H2AZ_Rep2_peak_39996	62
147722653	147723271	H2AZ_Rep2_peak_39997	151
147762386	147764221	H2AZ_Rep2_peak_39998	62

147848899	147849223	H2AZ_Rep2_peak_40001	20
147862240	147862595	H2AZ_Rep2_peak_40002	24
148109460	148110212	H2AZ_Rep2_peak_40004	17
148170123	148170519	H2AZ_Rep2_peak_40005	36
148188392	148190072	H2AZ_Rep2_peak_40006	26
148205152	148206693	H2AZ_Rep2_peak_40007	270
148289657	148295048	H2AZ_Rep2_peak_40008	75
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148345190	148346007	H2AZ_Rep2_peak_40011	24
148352102	148354848	H2AZ_Rep2_peak_40013	81
148352102	148354848	H2AZ_Rep2_peak_40013	81
148356282	148360377	H2AZ_Rep2_peak_40014	74
148381606	148383247	H2AZ_Rep2_peak_40016	27
148439796	148443223	H2AZ_Rep2_peak_40019	79
148439796	148443223	H2AZ_Rep2_peak_40019	79
148493973	148494764	H2AZ_Rep2_peak_40020	48
148504294	148507354	H2AZ_Rep2_peak_40021	54
148513540	148516065	H2AZ_Rep2_peak_40022	90
148520549	148521719	H2AZ_Rep2_peak_40023	127
148608511	148608811	H2AZ_Rep2_peak_40027	18
148650813	148653247	H2AZ_Rep2_peak_40028	107
148697094	148700962	H2AZ_Rep2_peak_40030	106
148697094	148700962	H2AZ_Rep2_peak_40030	106
148724248	148725797	H2AZ_Rep2_peak_40031	115
148736891	148739139	H2AZ_Rep2_peak_40032	179
148745251	148751488	H2AZ_Rep2_peak_40033	38
148760841	148762628	H2AZ_Rep2_peak_40034	51
148810254	148812183	H2AZ_Rep2_peak_40035	30
148817149	148820270	H2AZ_Rep2_peak_40037	50
148821899	148827826	H2AZ_Rep2_peak_40038	118
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148831551	148832073	H2AZ_Rep2_peak_40039	56
148835240	148836205	H2AZ_Rep2_peak_40040	92
148844242	148846114	H2AZ_Rep2_peak_40041	24
148850808	148851831	H2AZ_Rep2_peak_40042	100
148865077	148865775	H2AZ_Rep2_peak_40044	20
148930346	148931643	H2AZ_Rep2_peak_40045	71
148940963	148944685	H2AZ_Rep2_peak_40046	70
148960360	148962032	H2AZ_Rep2_peak_40047	97
148985569	148986167	H2AZ_Rep2_peak_40048	56
148988012	148988695	H2AZ_Rep2_peak_40049	24
148997667	148998784	H2AZ_Rep2_peak_40050	37
149109373	149111649	H2AZ_Rep2_peak_40057	75

149185339	149186024	H2AZ_Rep2_peak_40060	57
149283902	149284259	H2AZ_Rep2_peak_40063	26
149318739	149321151	H2AZ_Rep2_peak_40066	22
149339065	149341260	H2AZ_Rep2_peak_40068	106
149379359	149381315	H2AZ_Rep2_peak_40069	143
149491698	149492607	H2AZ_Rep2_peak_40070	29
149501334	149502459	H2AZ_Rep2_peak_40071	44
149509052	149510240	H2AZ_Rep2_peak_40072	91
149516702	149525132	H2AZ_Rep2_peak_40073	45
149516702	149525132	H2AZ_Rep2_peak_40073	45
149540165	149545229	H2AZ_Rep2_peak_40074	167
149540165	149545229	H2AZ_Rep2_peak_40074	167
149554847	149555348	H2AZ_Rep2_peak_40076	42
149560000	149560866	H2AZ_Rep2_peak_40077	25
149587984	149590877	H2AZ_Rep2_peak_40079	78
149642858	149644820	H2AZ_Rep2_peak_40085	92
149674404	149675328	H2AZ_Rep2_peak_40086	30
149736413	149737959	H2AZ_Rep2_peak_40092	83
149789556	149790548	H2AZ_Rep2_peak_40093	74
149815532	149817221	H2AZ_Rep2_peak_40095	72
149828860	149829719	H2AZ_Rep2_peak_40096	117
149838762	149839280	H2AZ_Rep2_peak_40097	52
149852094	149854097	H2AZ_Rep2_peak_40098	78
149864846	149866753	H2AZ_Rep2_peak_40099	63
150001472	150004859	H2AZ_Rep2_peak_40105	35
150011507	150012713	H2AZ_Rep2_peak_40106	73
150014369	150017633	H2AZ_Rep2_peak_40107	41
150019760	150022695	H2AZ_Rep2_peak_40108	47
150035720	150037030	H2AZ_Rep2_peak_40110	36
150079889	150081533	H2AZ_Rep2_peak_40111	130
150137689	150140571	H2AZ_Rep2_peak_40112	132
150141964	150145606	H2AZ_Rep2_peak_40113	31
150169605	150170786	H2AZ_Rep2_peak_40114	40
150180583	150181457	H2AZ_Rep2_peak_40116	140
150283979	150285228	H2AZ_Rep2_peak_40120	104
150385696	150386374	H2AZ_Rep2_peak_40121	27
150459308	150461166	H2AZ_Rep2_peak_40122	57
150464785	150466520	H2AZ_Rep2_peak_40123	69
150473126	150475827	H2AZ_Rep2_peak_40124	41
150535104	150538147	H2AZ_Rep2_peak_40125	95
150592454	150594864	H2AZ_Rep2_peak_40128	14
150631586	150633621	H2AZ_Rep2_peak_40132	87
150826938	150828060	H2AZ_Rep2_peak_40137	257

151062099	151063289	H2AZ_Rep2_peak_40140	15
151137362	151138946	H2AZ_Rep2_peak_40144	186
151149815	151152256	H2AZ_Rep2_peak_40145	65
152931127	152932035	H2AZ_Rep2_peak_40148	50
152935047	152935607	H2AZ_Rep2_peak_40149	44
153008371	153009197	H2AZ_Rep2_peak_40151	44
153417440	153419119	H2AZ_Rep2_peak_40155	228
153568873	153571299	H2AZ_Rep2_peak_40159	79
153784631	153785260	H2AZ_Rep2_peak_40163	34
153824306	153826648	H2AZ_Rep2_peak_40164	106
153845586	153848080	H2AZ_Rep2_peak_40165	32
153849628	153851370	H2AZ_Rep2_peak_40166	23
153896147	153904890	H2AZ_Rep2_peak_40170	60
153896147	153904890	H2AZ_Rep2_peak_40170	60
153896147	153904890	H2AZ_Rep2_peak_40170	60
153953676	153955836	H2AZ_Rep2_peak_40174	20
153957039	153957665	H2AZ_Rep2_peak_40175	20
153960085	153964513	H2AZ_Rep2_peak_40176	37
153966580	153968194	H2AZ_Rep2_peak_40177	43
153974963	153977770	H2AZ_Rep2_peak_40178	58
153981526	153984163	H2AZ_Rep2_peak_40179	31
153985810	153990577	H2AZ_Rep2_peak_40180	61
154061632	154063324	H2AZ_Rep2_peak_40184	41
154070844	154072334	H2AZ_Rep2_peak_40185	134
154133436	154137043	H2AZ_Rep2_peak_40188	50
154133436	154137043	H2AZ_Rep2_peak_40188	50
154236399	154239386	H2AZ_Rep2_peak_40189	89
154316931	154321376	H2AZ_Rep2_peak_40190	127
154316931	154321376	H2AZ_Rep2_peak_40190	127
156527222	156527527	H2AZ_Rep2_peak_40195	28
156569117	156571074	H2AZ_Rep2_peak_40196	103
156692482	156694715	H2AZ_Rep2_peak_40200	43
156717432	156718761	H2AZ_Rep2_peak_40201	39
156814890	156815226	H2AZ_Rep2_peak_40203	16
156934176	156934678	H2AZ_Rep2_peak_40208	51
156938117	156939324	H2AZ_Rep2_peak_40209	41
157157916	157159178	H2AZ_Rep2_peak_40211	115
157169995	157171836	H2AZ_Rep2_peak_40212	108
157285421	157287894	H2AZ_Rep2_peak_40213	79
157297804	157299450	H2AZ_Rep2_peak_40215	53
157375928	157377221	H2AZ_Rep2_peak_40217	44
157421539	157422279	H2AZ_Rep2_peak_40219	38
157424748	157425347	H2AZ_Rep2_peak_40220	14

158547193	158548299	H2AZ_Rep2_peak_40226	16
158562890	158563671	H2AZ_Rep2_peak_40227	39
158634727	158637717	H2AZ_Rep2_peak_40228	75
158657658	158658050	H2AZ_Rep2_peak_40231	18
158689491	158691049	H2AZ_Rep2_peak_40232	146
158768204	158768892	H2AZ_Rep2_peak_40233	49
159199844	159201043	H2AZ_Rep2_peak_40240	74
159252721	159254125	H2AZ_Rep2_peak_40241	34
159277147	159278163	H2AZ_Rep2_peak_40243	14
159339702	159340775	H2AZ_Rep2_peak_40246	15
159434651	159437012	H2AZ_Rep2_peak_40250	91
159545367	159547189	H2AZ_Rep2_peak_40251	101
159591731	159593676	H2AZ_Rep2_peak_40253	83
159613586	159616202	H2AZ_Rep2_peak_40257	32
159625922	159627198	H2AZ_Rep2_peak_40258	124
159739217	159740415	H2AZ_Rep2_peak_40262	85
159742205	159744684	H2AZ_Rep2_peak_40263	61
159771149	159772676	H2AZ_Rep2_peak_40264	169
159826438	159827925	H2AZ_Rep2_peak_40267	65
159844963	159850374	H2AZ_Rep2_peak_40268	43
159844963	159850374	H2AZ_Rep2_peak_40268	43
159865459	159866586	H2AZ_Rep2_peak_40269	80
159890581	159891597	H2AZ_Rep2_peak_40270	13
159897682	159898227	H2AZ_Rep2_peak_40271	24
161636164	161636559	H2AZ_Rep2_peak_40275	39
162861240	162861872	H2AZ_Rep2_peak_40280	30
162863556	162865229	H2AZ_Rep2_peak_40281	44
162886051	162891703	H2AZ_Rep2_peak_40282	54
162929110	162933232	H2AZ_Rep2_peak_40283	61
163076463	163077249	H2AZ_Rep2_peak_40289	34
163162228	163162559	H2AZ_Rep2_peak_40291	28
163342128	163344812	H2AZ_Rep2_peak_40295	65
163546720	163547396	H2AZ_Rep2_peak_40299	27
164924656	164924956	H2AZ_Rep2_peak_40304	20
164930123	164930624	H2AZ_Rep2_peak_40305	21
165049431	165052204	H2AZ_Rep2_peak_40306	44
165796756	165798994	H2AZ_Rep2_peak_40308	45
166149977	166151588	H2AZ_Rep2_peak_40309	19
166722077	166723880	H2AZ_Rep2_peak_40312	49
167127189	167127578	H2AZ_Rep2_peak_40315	35
167150144	167150968	H2AZ_Rep2_peak_40316	77
167371983	167373445	H2AZ_Rep2_peak_40319	33
167512682	167515880	H2AZ_Rep2_peak_40321	27



167646422	167646909	H2AZ_Rep2_peak_40324	40
167695608	167697952	H2AZ_Rep2_peak_40325	83
167715027	167719959	H2AZ_Rep2_peak_40326	82
167715027	167719959	H2AZ_Rep2_peak_40326	82
167741757	167744688	H2AZ_Rep2_peak_40328	36
167912547	167914242	H2AZ_Rep2_peak_40330	143
168005601	168007433	H2AZ_Rep2_peak_40331	83
168016852	168017412	H2AZ_Rep2_peak_40333	21
168025262	168028435	H2AZ_Rep2_peak_40334	46
168040054	168041843	H2AZ_Rep2_peak_40337	41
168051970	168052374	H2AZ_Rep2_peak_40338	31
168057222	168058325	H2AZ_Rep2_peak_40339	65
168083147	168084115	H2AZ_Rep2_peak_40340	51
168139338	168139640	H2AZ_Rep2_peak_40344	35
169010050	169011998	H2AZ_Rep2_peak_40351	73
169095272	169096462	H2AZ_Rep2_peak_40353	60
169124019	169124510	H2AZ_Rep2_peak_40354	22
169133504	169134756	H2AZ_Rep2_peak_40356	21
169213364	169214402	H2AZ_Rep2_peak_40357	18
169223022	169224060	H2AZ_Rep2_peak_40358	15
169230297	169230995	H2AZ_Rep2_peak_40359	26
169397007	169398991	H2AZ_Rep2_peak_40362	63
169403811	169405889	H2AZ_Rep2_peak_40363	50
169562869	169563768	H2AZ_Rep2_peak_40366	24
169757825	169758585	H2AZ_Rep2_peak_40369	15
170735001	170737373	H2AZ_Rep2_peak_40374	105
170798253	170798764	H2AZ_Rep2_peak_40376	15
170813436	170814694	H2AZ_Rep2_peak_40377	115
170845530	170845830	H2AZ_Rep2_peak_40378	20
170877002	170878721	H2AZ_Rep2_peak_40379	34
170920672	170922532	H2AZ_Rep2_peak_40381	145
170946709	170949353	H2AZ_Rep2_peak_40382	80
171057333	171058175	H2AZ_Rep2_peak_40384	19
171073810	171074516	H2AZ_Rep2_peak_40385	16
171108617	171109090	H2AZ_Rep2_peak_40386	22
171177414	171177923	H2AZ_Rep2_peak_40387	23
171184861	171186073	H2AZ_Rep2_peak_40388	32
171432859	171435669	H2AZ_Rep2_peak_40390	202
171533589	171534855	H2AZ_Rep2_peak_40392	55
171614290	171616600	H2AZ_Rep2_peak_40394	128
171703371	171704145	H2AZ_Rep2_peak_40395	43
171709794	171712086	H2AZ_Rep2_peak_40396	65
171720103	171720684	H2AZ_Rep2_peak_40397	52

171730113	171730628	H2AZ_Rep2_peak_40398	20
171741266	171742921	H2AZ_Rep2_peak_40399	62
171788275	171789194	H2AZ_Rep2_peak_40401	56
171864231	171865298	H2AZ_Rep2_peak_40404	33
171881182	171882351	H2AZ_Rep2_peak_40406	100
171889367	171889845	H2AZ_Rep2_peak_40407	50
171960856	171961927	H2AZ_Rep2_peak_40410	17
172067307	172068355	H2AZ_Rep2_peak_40416	50
172123988	172125062	H2AZ_Rep2_peak_40418	281
172133665	172134957	H2AZ_Rep2_peak_40420	93
172139851	172144492	H2AZ_Rep2_peak_40421	73
172158229	172164353	H2AZ_Rep2_peak_40422	54
172158229	172164353	H2AZ_Rep2_peak_40422	54
172183984	172185810	H2AZ_Rep2_peak_40425	78
172198652	172200747	H2AZ_Rep2_peak_40427	21
172204400	172205752	H2AZ_Rep2_peak_40428	20
172216002	172217095	H2AZ_Rep2_peak_40431	40
172224584	172228949	H2AZ_Rep2_peak_40433	27
172232478	172236579	H2AZ_Rep2_peak_40434	30
172258134	172262127	H2AZ_Rep2_peak_40437	54
172385372	172387109	H2AZ_Rep2_peak_40441	98
172410335	172412775	H2AZ_Rep2_peak_40442	86
172481249	172484936	H2AZ_Rep2_peak_40444	88
172569663	172572400	H2AZ_Rep2_peak_40445	109
172719037	172721881	H2AZ_Rep2_peak_40448	68
172737429	172738468	H2AZ_Rep2_peak_40450	18
172753743	172759074	H2AZ_Rep2_peak_40451	60
172878120	172884135	H2AZ_Rep2_peak_40453	24
172878120	172884135	H2AZ_Rep2_peak_40453	24
172999725	173000761	H2AZ_Rep2_peak_40455	47
173042909	173046508	H2AZ_Rep2_peak_40456	33
173042909	173046508	H2AZ_Rep2_peak_40456	33
173140174	173143620	H2AZ_Rep2_peak_40461	34
173179797	173183811	H2AZ_Rep2_peak_40464	129
173185542	173197144	H2AZ_Rep2_peak_40465	28
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173205228	173211133	H2AZ_Rep2_peak_40466	39
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173215836	173216956	H2AZ_Rep2_peak_40467	55
173220519	173222912	H2AZ_Rep2_peak_40468	74
173225158	173225803	H2AZ_Rep2_peak_40469	35
173227035	173230255	H2AZ_Rep2_peak_40470	26
173233438	173235708	H2AZ_Rep2_peak_40471	25

173248294	173252402	H2AZ_Rep2_peak_40474	42
173255805	173257241	H2AZ_Rep2_peak_40475	70
173282400	173283327	H2AZ_Rep2_peak_40479	43
173286727	173287410	H2AZ_Rep2_peak_40480	22
173305172	173307757	H2AZ_Rep2_peak_40482	26
173310497	173315239	H2AZ_Rep2_peak_40483	115
173395966	173396686	H2AZ_Rep2_peak_40484	15
173398377	173400951	H2AZ_Rep2_peak_40485	80
173586259	173588378	H2AZ_Rep2_peak_40486	63
173765159	173766505	H2AZ_Rep2_peak_40492	45
173840658	173841200	H2AZ_Rep2_peak_40498	22
173846087	173846752	H2AZ_Rep2_peak_40499	44
173930443	173931996	H2AZ_Rep2_peak_40500	42
173959209	173961611	H2AZ_Rep2_peak_40501	38
173959209	173961611	H2AZ_Rep2_peak_40501	38
174117141	174117526	H2AZ_Rep2_peak_40502	31
174150973	174152033	H2AZ_Rep2_peak_40503	22
174905033	174906507	H2AZ_Rep2_peak_40505	85
175787980	175789669	H2AZ_Rep2_peak_40509	221
175814738	175816630	H2AZ_Rep2_peak_40512	113
175842795	175845346	H2AZ_Rep2_peak_40513	108
175863801	175864426	H2AZ_Rep2_peak_40514	51
175874058	175876025	H2AZ_Rep2_peak_40516	116
175962777	175965472	H2AZ_Rep2_peak_40517	77
175968323	175971930	H2AZ_Rep2_peak_40518	79
176000727	176001858	H2AZ_Rep2_peak_40520	41
176005002	176005790	H2AZ_Rep2_peak_40521	73
176036061	176037603	H2AZ_Rep2_peak_40522	34
176072568	176075547	H2AZ_Rep2_peak_40525	107
176211382	176211937	H2AZ_Rep2_peak_40529	49
176220087	176221785	H2AZ_Rep2_peak_40530	41
176243719	176245984	H2AZ_Rep2_peak_40534	45
176248703	176250816	H2AZ_Rep2_peak_40535	67
176271333	176273959	H2AZ_Rep2_peak_40536	142
176432589	176434312	H2AZ_Rep2_peak_40538	60
176448693	176450732	H2AZ_Rep2_peak_40539	210
176513161	176514891	H2AZ_Rep2_peak_40540	50
176538742	176542010	H2AZ_Rep2_peak_40541	34
176559999	176562325	H2AZ_Rep2_peak_40543	73
176730119	176731521	H2AZ_Rep2_peak_40544	88
176738376	176740109	H2AZ_Rep2_peak_40545	73
176777986	176779566	H2AZ_Rep2_peak_40546	280
176789885	176790649	H2AZ_Rep2_peak_40547	45

176797298	176798718	H2AZ_Rep2_peak_40548	97
176816208	176817962	H2AZ_Rep2_peak_40549	27
176830494	176832462	H2AZ_Rep2_peak_40550	145
176852600	176854695	H2AZ_Rep2_peak_40552	72
176873416	176875254	H2AZ_Rep2_peak_40553	41
176881818	176883334	H2AZ_Rep2_peak_40554	102
176923775	176925439	H2AZ_Rep2_peak_40556	46
176943315	176944705	H2AZ_Rep2_peak_40558	189
176980677	176982261	H2AZ_Rep2_peak_40559	133
176983838	176985191	H2AZ_Rep2_peak_40560	60
177018565	177019832	H2AZ_Rep2_peak_40561	98
177026302	177028077	H2AZ_Rep2_peak_40562	90
177030983	177031631	H2AZ_Rep2_peak_40563	25
177501426	177503384	H2AZ_Rep2_peak_40564	64
177505334	177505899	H2AZ_Rep2_peak_40565	45
177510665	177511731	H2AZ_Rep2_peak_40566	19
177535200	177536570	H2AZ_Rep2_peak_40567	38
177540086	177541648	H2AZ_Rep2_peak_40568	35
177557286	177558809	H2AZ_Rep2_peak_40569	49
177580362	177581847	H2AZ_Rep2_peak_40570	35
177591030	177591929	H2AZ_Rep2_peak_40571	49
177630853	177631454	H2AZ_Rep2_peak_40572	96
177658230	177660397	H2AZ_Rep2_peak_40573	82
177661800	177662478	H2AZ_Rep2_peak_40574	62
177757699	177760520	H2AZ_Rep2_peak_40575	56
178053174	178054701	H2AZ_Rep2_peak_40581	100
178068894	178070234	H2AZ_Rep2_peak_40583	61
178157099	178158114	H2AZ_Rep2_peak_40586	57
178286404	178287677	H2AZ_Rep2_peak_40587	104
178322667	178323751	H2AZ_Rep2_peak_40588	59
178976383	178978510	H2AZ_Rep2_peak_40593	63
178986182	178987300	H2AZ_Rep2_peak_40594	50
179050519	179052298	H2AZ_Rep2_peak_40595	197
179085365	179085950	H2AZ_Rep2_peak_40596	51
179105034	179106651	H2AZ_Rep2_peak_40597	229
179124996	179126297	H2AZ_Rep2_peak_40598	54
179158763	179160805	H2AZ_Rep2_peak_40599	38
179245280	179248735	H2AZ_Rep2_peak_40602	22
179284984	179286305	H2AZ_Rep2_peak_40603	191
179333999	179335570	H2AZ_Rep2_peak_40604	82
179340532	179343057	H2AZ_Rep2_peak_40605	81
179497326	179499706	H2AZ_Rep2_peak_40607	72
179517697	179519288	H2AZ_Rep2_peak_40609	50

179635359	179636757	H2AZ_Rep2_peak_40611	49
179718364	179720692	H2AZ_Rep2_peak_40613	65
179755418	179758984	H2AZ_Rep2_peak_40616	46
179760818	179761539	H2AZ_Rep2_peak_40617	49
179779181	179780912	H2AZ_Rep2_peak_40619	67
179867342	179869466	H2AZ_Rep2_peak_40621	83
179892916	179895122	H2AZ_Rep2_peak_40622	108
179920819	179922402	H2AZ_Rep2_peak_40623	41
180229381	180230004	H2AZ_Rep2_peak_40625	40
180236524	180239327	H2AZ_Rep2_peak_40626	79
180257870	180259286	H2AZ_Rep2_peak_40629	143
180287480	180288882	H2AZ_Rep2_peak_40630	111
180610869	180611788	H2AZ_Rep2_peak_40636	58
180613384	180619673	H2AZ_Rep2_peak_40637	127
180630935	180635251	H2AZ_Rep2_peak_40638	51
180641739	180645753	H2AZ_Rep2_peak_40639	118
180648525	180652077	H2AZ_Rep2_peak_40640	33
180670430	180671490	H2AZ_Rep2_peak_40641	70
180673463	180674319	H2AZ_Rep2_peak_40642	51
180687015	180689192	H2AZ_Rep2_peak_40643	105
235730	236556	H2AZ_Rep2_peak_40645	27
291192	293789	H2AZ_Rep2_peak_40646	131
692320	693819	H2AZ_Rep2_peak_40649	225
706908	708264	H2AZ_Rep2_peak_40650	30
781269	781844	H2AZ_Rep2_peak_40653	18
1069109	1072484	H2AZ_Rep2_peak_40663	75
1082476	1083220	H2AZ_Rep2_peak_40665	31
1110334	1111918	H2AZ_Rep2_peak_40668	64
1131376	1132784	H2AZ_Rep2_peak_40669	42
1136365	1137584	H2AZ_Rep2_peak_40670	43
1200391	1201980	H2AZ_Rep2_peak_40674	82
1266509	1269418	H2AZ_Rep2_peak_40677	21
1286023	1287977	H2AZ_Rep2_peak_40678	52
1311663	1314034	H2AZ_Rep2_peak_40679	81
1316663	1317160	H2AZ_Rep2_peak_40680	75
1324645	1325780	H2AZ_Rep2_peak_40681	44
1389570	1391644	H2AZ_Rep2_peak_40685	64
1423792	1425152	H2AZ_Rep2_peak_40686	72
1436492	1437639	H2AZ_Rep2_peak_40687	46
1476683	1477417	H2AZ_Rep2_peak_40690	34
1478791	1483344	H2AZ_Rep2_peak_40691	27
1486387	1488313	H2AZ_Rep2_peak_40692	52
1498877	1502856	H2AZ_Rep2_peak_40693	24

1526795	1527902 H2AZ_Rep2_peak_40695	51
1554773	1555987 H2AZ_Rep2_peak_40697	84
1587333	1589827 H2AZ_Rep2_peak_40699	67
1595962	1598690 H2AZ_Rep2_peak_40700	59
1604006	1604890 H2AZ_Rep2_peak_40701	30
1609483	1612269 H2AZ_Rep2_peak_40702	46
1917997	1918458 H2AZ_Rep2_peak_40704	46
1952818	1953567 H2AZ_Rep2_peak_40705	21
2222258	2222981 H2AZ_Rep2_peak_40707	54
2245110	2247060 H2AZ_Rep2_peak_40708	129
2376688	2378876 H2AZ_Rep2_peak_40709	31
2432712	2433133 H2AZ_Rep2_peak_40710	16
2448418	2452065 H2AZ_Rep2_peak_40712	30
2476274	2477849 H2AZ_Rep2_peak_40715	34
2500396	2501347 H2AZ_Rep2_peak_40719	16
2542099	2543867 H2AZ_Rep2_peak_40725	45
2589220	2591414 H2AZ_Rep2_peak_40728	77
2611155	2611722 H2AZ_Rep2_peak_40732	20
2623281	2628700 H2AZ_Rep2_peak_40735	49
2623281	2628700 H2AZ_Rep2_peak_40735	49
2633542	2636970 H2AZ_Rep2_peak_40737	60
2658799	2662644 H2AZ_Rep2_peak_40739	43
2683238	2686248 H2AZ_Rep2_peak_40742	44
2687516	2689357 H2AZ_Rep2_peak_40743	16
2725551	2726705 H2AZ_Rep2_peak_40744	70
2764766	2766795 H2AZ_Rep2_peak_40747	52
2809962	2810912 H2AZ_Rep2_peak_40750	34
2817950	2819135 H2AZ_Rep2_peak_40751	25
2842312	2843378 H2AZ_Rep2_peak_40752	35
2846354	2847571 H2AZ_Rep2_peak_40753	59
2850928	2855563 H2AZ_Rep2_peak_40754	28
2857279	2859521 H2AZ_Rep2_peak_40755	36
2875162	2878155 H2AZ_Rep2_peak_40756	45
2932103	2933016 H2AZ_Rep2_peak_40761	149
2938087	2939378 H2AZ_Rep2_peak_40762	44
2971044	2972397 H2AZ_Rep2_peak_40763	69
2976435	2977279 H2AZ_Rep2_peak_40764	45
2985041	2985620 H2AZ_Rep2_peak_40766	43
2987334	2990824 H2AZ_Rep2_peak_40767	68
2998765	3000736 H2AZ_Rep2_peak_40768	85
3023631	3024662 H2AZ_Rep2_peak_40769	63
3053308	3054448 H2AZ_Rep2_peak_40773	50
3063996	3064890 H2AZ_Rep2_peak_40774	68

3068459	3069698 H2AZ_Rep2_peak_40775	48
3117876	3119840 H2AZ_Rep2_peak_40776	144
3157298	3157876 H2AZ_Rep2_peak_40777	33
3159823	3163951 H2AZ_Rep2_peak_40778	39
3159823	3163951 H2AZ_Rep2_peak_40778	39
3165165	3166971 H2AZ_Rep2_peak_40779	25
3208859	3210260 H2AZ_Rep2_peak_40784	136
3249793	3253406 H2AZ_Rep2_peak_40788	33
3258795	3260236 H2AZ_Rep2_peak_40789	69
3337769	3338391 H2AZ_Rep2_peak_40791	26
3350014	3350337 H2AZ_Rep2_peak_40792	36
3511914	3512435 H2AZ_Rep2_peak_40797	22
3517795	3519184 H2AZ_Rep2_peak_40798	89
3742494	3743529 H2AZ_Rep2_peak_40801	61
3750717	3752805 H2AZ_Rep2_peak_40802	53
3803808	3804412 H2AZ_Rep2_peak_40804	26
3808827	3809429 H2AZ_Rep2_peak_40805	57
3813260	3814047 H2AZ_Rep2_peak_40806	50
3825503	3827096 H2AZ_Rep2_peak_40807	104
3848580	3850284 H2AZ_Rep2_peak_40810	243
3888182	3889437 H2AZ_Rep2_peak_40811	45
3918805	3920240 H2AZ_Rep2_peak_40812	78
3925630	3926811 H2AZ_Rep2_peak_40813	103
3932940	3933921 H2AZ_Rep2_peak_40814	67
4017739	4019608 H2AZ_Rep2_peak_40816	58
4020892	4022210 H2AZ_Rep2_peak_40817	69
4134330	4137117 H2AZ_Rep2_peak_40819	105
4155315	4156346 H2AZ_Rep2_peak_40820	43
4253581	4255666 H2AZ_Rep2_peak_40822	39
4280651	4283450 H2AZ_Rep2_peak_40823	30
4316913	4317793 H2AZ_Rep2_peak_40825	93
4350872	4356062 H2AZ_Rep2_peak_40826	39
4357794	4359811 H2AZ_Rep2_peak_40827	52
4402571	4403272 H2AZ_Rep2_peak_40829	35
4459025	4460119 H2AZ_Rep2_peak_40830	79
4489968	4490489 H2AZ_Rep2_peak_40831	34
4581970	4584099 H2AZ_Rep2_peak_40833	36
4637544	4638327 H2AZ_Rep2_peak_40836	12
4640360	4640942 H2AZ_Rep2_peak_40837	44
4688320	4689209 H2AZ_Rep2_peak_40840	81
4715274	4715850 H2AZ_Rep2_peak_40841	36
4733034	4734652 H2AZ_Rep2_peak_40842	54
4931691	4933002 H2AZ_Rep2_peak_40844	41

5003561	5005027 H2AZ_Rep2_peak_40846	107
5030721	5031442 H2AZ_Rep2_peak_40847	53
5032783	5033481 H2AZ_Rep2_peak_40848	61
5081608	5085635 H2AZ_Rep2_peak_40850	69
5259882	5262680 H2AZ_Rep2_peak_40852	98
6469264	6470095 H2AZ_Rep2_peak_40854	21
6583838	6585127 H2AZ_Rep2_peak_40858	49
6600899	6601701 H2AZ_Rep2_peak_40859	43
6661932	6662613 H2AZ_Rep2_peak_40862	26
6677115	6679427 H2AZ_Rep2_peak_40863	47
6682362	6684897 H2AZ_Rep2_peak_40864	21
6686988	6690759 H2AZ_Rep2_peak_40865	36
6686988	6690759 H2AZ_Rep2_peak_40865	36
6694540	6698162 H2AZ_Rep2_peak_40866	27
6699802	6702496 H2AZ_Rep2_peak_40867	40
6711788	6714649 H2AZ_Rep2_peak_40868	167
6722365	6726638 H2AZ_Rep2_peak_40870	38
6733297	6736642 H2AZ_Rep2_peak_40871	107
6746741	6754061 H2AZ_Rep2_peak_40873	47
6779928	6781624 H2AZ_Rep2_peak_40878	29
6784016	6787576 H2AZ_Rep2_peak_40879	57
6788801	6793776 H2AZ_Rep2_peak_40880	34
6803455	6807466 H2AZ_Rep2_peak_40883	64
6803455	6807466 H2AZ_Rep2_peak_40883	64
6814221	6816668 H2AZ_Rep2_peak_40885	29
6822829	6827523 H2AZ_Rep2_peak_40886	41
6840992	6846061 H2AZ_Rep2_peak_40887	42
6849876	6851862 H2AZ_Rep2_peak_40888	40
6856514	6858180 H2AZ_Rep2_peak_40889	35
6879072	6880390 H2AZ_Rep2_peak_40892	31
6890648	6893948 H2AZ_Rep2_peak_40895	46
6905757	6908050 H2AZ_Rep2_peak_40897	50
6915833	6918866 H2AZ_Rep2_peak_40899	47
6926455	6928802 H2AZ_Rep2_peak_40900	69
6931443	6931827 H2AZ_Rep2_peak_40901	51
7042684	7043760 H2AZ_Rep2_peak_40908	97
7048292	7048891 H2AZ_Rep2_peak_40909	18
7050880	7053222 H2AZ_Rep2_peak_40910	51
7106929	7110345 H2AZ_Rep2_peak_40914	57
7140812	7141766 H2AZ_Rep2_peak_40915	55
7260751	7262413 H2AZ_Rep2_peak_40916	248
7312558	7315052 H2AZ_Rep2_peak_40919	108
7347269	7348688 H2AZ_Rep2_peak_40921	207



7389340	7391007 H2AZ_Rep2_peak_40923	137
7468331	7469300 H2AZ_Rep2_peak_40924	109
7505074	7506451 H2AZ_Rep2_peak_40926	47
7541389	7543099 H2AZ_Rep2_peak_40927	63
7589932	7591214 H2AZ_Rep2_peak_40928	104
7615482	7616556 H2AZ_Rep2_peak_40929	24
7618233	7619090 H2AZ_Rep2_peak_40930	28
7641288	7642330 H2AZ_Rep2_peak_40931	41
7670634	7676126 H2AZ_Rep2_peak_40936	36
7670634	7676126 H2AZ_Rep2_peak_40936	36
7691096	7692951 H2AZ_Rep2_peak_40937	155
7696341	7699535 H2AZ_Rep2_peak_40938	57
7723028	7723882 H2AZ_Rep2_peak_40941	28
7725543	7729266 H2AZ_Rep2_peak_40942	61
7730728	7731773 H2AZ_Rep2_peak_40943	94
7909611	7911759 H2AZ_Rep2_peak_40944	101
7975282	7976414 H2AZ_Rep2_peak_40945	54
7992343	7992839 H2AZ_Rep2_peak_40946	40
8063826	8065820 H2AZ_Rep2_peak_40947	103
8101900	8103387 H2AZ_Rep2_peak_40948	87
8108180	8109792 H2AZ_Rep2_peak_40949	56
8195844	8196164 H2AZ_Rep2_peak_40952	19
8435099	8436546 H2AZ_Rep2_peak_40953	238
8620140	8620463 H2AZ_Rep2_peak_40954	23
8743422	8743801 H2AZ_Rep2_peak_40955	29
9140251	9141379 H2AZ_Rep2_peak_40957	33
9766302	9767509 H2AZ_Rep2_peak_40964	25
10033434	10034047 H2AZ_Rep2_peak_40966	49
10147281	10147924 H2AZ_Rep2_peak_40969	62
10195398	10196349 H2AZ_Rep2_peak_40971	13
10300138	10300737 H2AZ_Rep2_peak_40975	43
10306117	10307796 H2AZ_Rep2_peak_40976	41
10310210	10311632 H2AZ_Rep2_peak_40977	79
10313105	10317270 H2AZ_Rep2_peak_40978	60
10347682	10349888 H2AZ_Rep2_peak_40979	44
10374357	10375060 H2AZ_Rep2_peak_40980	14
10383448	10384729 H2AZ_Rep2_peak_40981	110
10416829	10420511 H2AZ_Rep2_peak_40983	39
10416829	10420511 H2AZ_Rep2_peak_40983	39
10424772	10427253 H2AZ_Rep2_peak_40984	44
10434378	10436130 H2AZ_Rep2_peak_40986	27
10441142	10442310 H2AZ_Rep2_peak_40987	63
10450033	10454200 H2AZ_Rep2_peak_40989	56

10463302	10465535	H2AZ_Rep2_peak_40990	48
10510428	10511553	H2AZ_Rep2_peak_40993	70
10520667	10522393	H2AZ_Rep2_peak_40994	101
10527926	10530430	H2AZ_Rep2_peak_40995	51
10693952	10695976	H2AZ_Rep2_peak_40997	79
10722449	10723821	H2AZ_Rep2_peak_40998	171
10734853	10735219	H2AZ_Rep2_peak_40999	20
10747075	10748681	H2AZ_Rep2_peak_41000	126
10837756	10839476	H2AZ_Rep2_peak_41001	87
10954418	10955304	H2AZ_Rep2_peak_41002	33
11011847	11012452	H2AZ_Rep2_peak_41005	14
11093222	11095102	H2AZ_Rep2_peak_41010	149
11143960	11145048	H2AZ_Rep2_peak_41011	43
11194674	11195624	H2AZ_Rep2_peak_41012	17
11232360	11233721	H2AZ_Rep2_peak_41014	107
11263636	11264450	H2AZ_Rep2_peak_41015	26
11344675	11344977	H2AZ_Rep2_peak_41018	25
11393034	11393774	H2AZ_Rep2_peak_41019	80
11427729	11429497	H2AZ_Rep2_peak_41021	79
11537075	11538348	H2AZ_Rep2_peak_41022	36
11609232	11611215	H2AZ_Rep2_peak_41024	138
11655941	11656406	H2AZ_Rep2_peak_41029	76
11701460	11703575	H2AZ_Rep2_peak_41030	48
11769340	11773729	H2AZ_Rep2_peak_41034	69
11794890	11796089	H2AZ_Rep2_peak_41036	103
11808451	11811843	H2AZ_Rep2_peak_41037	82
11920430	11922013	H2AZ_Rep2_peak_41041	60
12007982	12011273	H2AZ_Rep2_peak_41042	93
12013002	12013860	H2AZ_Rep2_peak_41043	58
12289376	12291049	H2AZ_Rep2_peak_41048	106
12296273	12296764	H2AZ_Rep2_peak_41049	61
12314297	12315046	H2AZ_Rep2_peak_41050	37
12334501	12337008	H2AZ_Rep2_peak_41052	29
12341956	12344494	H2AZ_Rep2_peak_41053	25
12483764	12484705	H2AZ_Rep2_peak_41054	28
13327720	13329493	H2AZ_Rep2_peak_41061	178
13395519	13395993	H2AZ_Rep2_peak_41062	24
13397794	13398542	H2AZ_Rep2_peak_41063	21
13404446	13405125	H2AZ_Rep2_peak_41064	67
13406862	13408995	H2AZ_Rep2_peak_41065	44
13485704	13488529	H2AZ_Rep2_peak_41066	94
13573711	13576179	H2AZ_Rep2_peak_41070	75
13614541	13616153	H2AZ_Rep2_peak_41071	126

13678602	13679015	H2AZ_Rep2_peak_41072	57
13712328	13713156	H2AZ_Rep2_peak_41073	112
13723643	13725964	H2AZ_Rep2_peak_41074	36
13733214	13734204	H2AZ_Rep2_peak_41075	59
13766032	13766864	H2AZ_Rep2_peak_41076	20
13813601	13815351	H2AZ_Rep2_peak_41077	62
13922922	13926046	H2AZ_Rep2_peak_41080	59
14000870	14002469	H2AZ_Rep2_peak_41082	53
14075186	14075894	H2AZ_Rep2_peak_41085	97
14117310	14118712	H2AZ_Rep2_peak_41089	120
14210208	14212131	H2AZ_Rep2_peak_41091	123
14270882	14272484	H2AZ_Rep2_peak_41092	47
14285328	14287229	H2AZ_Rep2_peak_41093	29
14709452	14714605	H2AZ_Rep2_peak_41100	68
14731887	14735431	H2AZ_Rep2_peak_41101	56
14741231	14744711	H2AZ_Rep2_peak_41102	86
15244675	15250128	H2AZ_Rep2_peak_41107	92
15662063	15663961	H2AZ_Rep2_peak_41108	108
16128129	16131022	H2AZ_Rep2_peak_41111	54
16277309	16278466	H2AZ_Rep2_peak_41116	36
16345633	16346114	H2AZ_Rep2_peak_41119	26
16676738	16677888	H2AZ_Rep2_peak_41122	49
16681282	16681817	H2AZ_Rep2_peak_41123	40
16712652	16713798	H2AZ_Rep2_peak_41125	42
16759795	16763098	H2AZ_Rep2_peak_41127	72
16769655	16771361	H2AZ_Rep2_peak_41128	35
16776496	16777028	H2AZ_Rep2_peak_41129	13
16848523	16850669	H2AZ_Rep2_peak_41133	48
16944819	16950263	H2AZ_Rep2_peak_41137	28
16944819	16950263	H2AZ_Rep2_peak_41137	28
16964378	16965859	H2AZ_Rep2_peak_41138	69
17116215	17116624	H2AZ_Rep2_peak_41140	55
17278543	17279531	H2AZ_Rep2_peak_41144	32
17393220	17395033	H2AZ_Rep2_peak_41145	80
17599822	17601845	H2AZ_Rep2_peak_41147	114
17706272	17708097	H2AZ_Rep2_peak_41148	77
17715050	17715935	H2AZ_Rep2_peak_41149	92
17907730	17908547	H2AZ_Rep2_peak_41152	44
17986960	17989592	H2AZ_Rep2_peak_41154	71
18022637	18023403	H2AZ_Rep2_peak_41156	20
18042719	18044932	H2AZ_Rep2_peak_41157	40
18052939	18054569	H2AZ_Rep2_peak_41158	51
18058339	18059460	H2AZ_Rep2_peak_41159	20

18154363	18156810	H2AZ_Rep2_peak_41161	89
18264007	18266150	H2AZ_Rep2_peak_41163	64
18343859	18344387	H2AZ_Rep2_peak_41166	40
18347007	18347614	H2AZ_Rep2_peak_41167	44
18386612	18389570	H2AZ_Rep2_peak_41170	115
18434525	18435071	H2AZ_Rep2_peak_41172	66
18503586	18504763	H2AZ_Rep2_peak_41174	128
19731517	19732291	H2AZ_Rep2_peak_41182	61
19801655	19806836	H2AZ_Rep2_peak_41186	32
19834185	19834495	H2AZ_Rep2_peak_41188	23
19851682	19852168	H2AZ_Rep2_peak_41189	26
20211385	20214158	H2AZ_Rep2_peak_41192	154
20401045	20404135	H2AZ_Rep2_peak_41196	109
20532823	20535514	H2AZ_Rep2_peak_41197	105
21371922	21372507	H2AZ_Rep2_peak_41200	36
21384709	21385206	H2AZ_Rep2_peak_41201	32
21587529	21589798	H2AZ_Rep2_peak_41203	261
21593692	21597676	H2AZ_Rep2_peak_41204	93
21608782	21609531	H2AZ_Rep2_peak_41205	52
21753433	21755386	H2AZ_Rep2_peak_41208	31
21769690	21770723	H2AZ_Rep2_peak_41209	37
21801114	21802152	H2AZ_Rep2_peak_41210	32
21807957	21808672	H2AZ_Rep2_peak_41211	30
22043429	22044197	H2AZ_Rep2_peak_41217	74
22906407	22906817	H2AZ_Rep2_peak_41221	22
22954884	22955519	H2AZ_Rep2_peak_41222	63
23172930	23175036	H2AZ_Rep2_peak_41224	12
24273866	24274167	H2AZ_Rep2_peak_41230	22
24283570	24283977	H2AZ_Rep2_peak_41231	20
24388960	24389842	H2AZ_Rep2_peak_41232	24
24395071	24395876	H2AZ_Rep2_peak_41233	28
24402313	24403954	H2AZ_Rep2_peak_41234	257
24428510	24429450	H2AZ_Rep2_peak_41235	23
24452026	24452534	H2AZ_Rep2_peak_41237	97
24494563	24496010	H2AZ_Rep2_peak_41239	108
24583517	24584444	H2AZ_Rep2_peak_41240	19
24644027	24647097	H2AZ_Rep2_peak_41241	171
24666314	24668275	H2AZ_Rep2_peak_41243	123
24721080	24722440	H2AZ_Rep2_peak_41244	76
24741029	24744838	H2AZ_Rep2_peak_41245	56
24755490	24756141	H2AZ_Rep2_peak_41247	51
24757857	24758468	H2AZ_Rep2_peak_41248	16
24774557	24776203	H2AZ_Rep2_peak_41249	147

24822173	24822715	H2AZ_Rep2_peak_41250	39
24854653	24859211	H2AZ_Rep2_peak_41253	32
24879242	24880092	H2AZ_Rep2_peak_41255	28
24909269	24909668	H2AZ_Rep2_peak_41257	29
24981529	24981905	H2AZ_Rep2_peak_41260	23
25006859	25007661	H2AZ_Rep2_peak_41261	44
25011044	25011793	H2AZ_Rep2_peak_41262	15
25014747	25018207	H2AZ_Rep2_peak_41263	36
25052531	25053763	H2AZ_Rep2_peak_41266	13
25070759	25071195	H2AZ_Rep2_peak_41267	37
25103856	25107815	H2AZ_Rep2_peak_41268	24
25103856	25107815	H2AZ_Rep2_peak_41268	24
25112738	25113915	H2AZ_Rep2_peak_41269	35
25136899	25139741	H2AZ_Rep2_peak_41270	106
25171501	25173514	H2AZ_Rep2_peak_41271	17
25192726	25195081	H2AZ_Rep2_peak_41273	37
25222550	25225334	H2AZ_Rep2_peak_41275	29
25229411	25229923	H2AZ_Rep2_peak_41276	33
25278583	25280877	H2AZ_Rep2_peak_41277	126
25962223	25964069	H2AZ_Rep2_peak_41282	92
25992101	25994364	H2AZ_Rep2_peak_41283	58
26020709	26023203	H2AZ_Rep2_peak_41284	29
26025705	26027294	H2AZ_Rep2_peak_41285	14
26031811	26034317	H2AZ_Rep2_peak_41286	30
26056822	26057671	H2AZ_Rep2_peak_41289	32
26065341	26066785	H2AZ_Rep2_peak_41290	20
26071106	26072885	H2AZ_Rep2_peak_41291	101
26086978	26088887	H2AZ_Rep2_peak_41292	117
26102852	26105977	H2AZ_Rep2_peak_41293	21
26122977	26123945	H2AZ_Rep2_peak_41295	18
26155388	26156319	H2AZ_Rep2_peak_41296	43
26170583	26172809	H2AZ_Rep2_peak_41297	38
26199761	26200608	H2AZ_Rep2_peak_41298	37
26204316	26205208	H2AZ_Rep2_peak_41299	39
26215917	26217987	H2AZ_Rep2_peak_41300	30
26230464	26231128	H2AZ_Rep2_peak_41301	24
26249830	26252097	H2AZ_Rep2_peak_41302	43
26271099	26273511	H2AZ_Rep2_peak_41303	38
26285003	26285775	H2AZ_Rep2_peak_41304	57
26295646	26297458	H2AZ_Rep2_peak_41305	43
26311849	26314408	H2AZ_Rep2_peak_41306	53
26321195	26323617	H2AZ_Rep2_peak_41307	63
26328844	26332830	H2AZ_Rep2_peak_41308	119

26328844	26332830	H2AZ_Rep2_peak_41308	119
26341981	26342619	H2AZ_Rep2_peak_41310	118
26350881	26352884	H2AZ_Rep2_peak_41311	18
26363106	26367026	H2AZ_Rep2_peak_41313	78
26383291	26384385	H2AZ_Rep2_peak_41314	49
26400911	26403064	H2AZ_Rep2_peak_41315	74
26420563	26422458	H2AZ_Rep2_peak_41316	119
26439419	26441407	H2AZ_Rep2_peak_41317	74
26457356	26458859	H2AZ_Rep2_peak_41318	154
26473267	26475125	H2AZ_Rep2_peak_41319	26
26520253	26522850	H2AZ_Rep2_peak_41320	98
26533264	26535269	H2AZ_Rep2_peak_41321	76
26536792	26539306	H2AZ_Rep2_peak_41322	86
26550466	26551128	H2AZ_Rep2_peak_41323	32
26553087	26555415	H2AZ_Rep2_peak_41324	42
26568468	26569128	H2AZ_Rep2_peak_41327	81
26572124	26574111	H2AZ_Rep2_peak_41328	101
26576179	26578080	H2AZ_Rep2_peak_41329	71
26595570	26597873	H2AZ_Rep2_peak_41331	100
26607820	26608565	H2AZ_Rep2_peak_41332	28
26659000	26660678	H2AZ_Rep2_peak_41333	128
26986581	26989062	H2AZ_Rep2_peak_41336	50
27008166	27009183	H2AZ_Rep2_peak_41337	20
27046402	27046932	H2AZ_Rep2_peak_41338	80
27059579	27060650	H2AZ_Rep2_peak_41339	102
27082464	27083077	H2AZ_Rep2_peak_41340	142
27094228	27095134	H2AZ_Rep2_peak_41341	37
27107022	27107355	H2AZ_Rep2_peak_41342	31
27124878	27126249	H2AZ_Rep2_peak_41344	158
27143972	27146700	H2AZ_Rep2_peak_41346	160
27155705	27156800	H2AZ_Rep2_peak_41347	145
27198552	27199681	H2AZ_Rep2_peak_41349	20
27218739	27220184	H2AZ_Rep2_peak_41350	116
27247158	27249429	H2AZ_Rep2_peak_41351	46
27263380	27266192	H2AZ_Rep2_peak_41352	82
27342151	27343742	H2AZ_Rep2_peak_41353	48
27355959	27357297	H2AZ_Rep2_peak_41354	164
27439434	27441586	H2AZ_Rep2_peak_41356	134
27445990	27447980	H2AZ_Rep2_peak_41357	94
27462706	27464110	H2AZ_Rep2_peak_41358	96
27470003	27471903	H2AZ_Rep2_peak_41359	134
27486104	27487938	H2AZ_Rep2_peak_41360	139
27515780	27516571	H2AZ_Rep2_peak_41362	39

27559979	27561308	H2AZ_Rep2_peak_41364	18
27567999	27569256	H2AZ_Rep2_peak_41365	72
27573187	27574211	H2AZ_Rep2_peak_41366	104
27576641	27577242	H2AZ_Rep2_peak_41367	44
27584197	27586240	H2AZ_Rep2_peak_41368	120
27619041	27620462	H2AZ_Rep2_peak_41370	51
27635584	27637725	H2AZ_Rep2_peak_41371	33
27639521	27640907	H2AZ_Rep2_peak_41372	63
27654959	27656291	H2AZ_Rep2_peak_41373	206
27661339	27662974	H2AZ_Rep2_peak_41374	162
27719443	27722997	H2AZ_Rep2_peak_41376	56
27740080	27741197	H2AZ_Rep2_peak_41377	148
27759080	27761177	H2AZ_Rep2_peak_41379	156
27774879	27775772	H2AZ_Rep2_peak_41380	31
27781787	27783308	H2AZ_Rep2_peak_41381	20
27791239	27791718	H2AZ_Rep2_peak_41382	23
27804639	27805859	H2AZ_Rep2_peak_41384	18
27831796	27835955	H2AZ_Rep2_peak_41385	29
27861499	27864037	H2AZ_Rep2_peak_41386	32
27871081	27871566	H2AZ_Rep2_peak_41387	27
28047667	28049541	H2AZ_Rep2_peak_41389	165
28071899	28073569	H2AZ_Rep2_peak_41390	186
28091608	28093035	H2AZ_Rep2_peak_41391	121
28103442	28105995	H2AZ_Rep2_peak_41392	91
28109066	28110312	H2AZ_Rep2_peak_41393	191
28129648	28130116	H2AZ_Rep2_peak_41394	30
28179853	28181586	H2AZ_Rep2_peak_41396	86
28183101	28183769	H2AZ_Rep2_peak_41397	82
28186132	28187245	H2AZ_Rep2_peak_41398	40
28192076	28193991	H2AZ_Rep2_peak_41399	51
28219449	28222215	H2AZ_Rep2_peak_41400	155
28231523	28231902	H2AZ_Rep2_peak_41401	16
28234397	28235625	H2AZ_Rep2_peak_41402	106
28248595	28250017	H2AZ_Rep2_peak_41403	95
28302925	28304700	H2AZ_Rep2_peak_41404	101
28317264	28318453	H2AZ_Rep2_peak_41405	169
28323519	28324763	H2AZ_Rep2_peak_41406	135
28350518	28351543	H2AZ_Rep2_peak_41407	44
28366911	28367998	H2AZ_Rep2_peak_41408	107
28442284	28443022	H2AZ_Rep2_peak_41410	42
33538508	33539752	H2AZ_Rep2_peak_41416	184
33547294	33548615	H2AZ_Rep2_peak_41417	62
33552448	33554450	H2AZ_Rep2_peak_41418	108

33557508	33559323	H2AZ_Rep2_peak_41419	100
33565702	33567816	H2AZ_Rep2_peak_41420	89
33575643	33582290	H2AZ_Rep2_peak_41421	64
33586071	33589630	H2AZ_Rep2_peak_41422	34
33678539	33680150	H2AZ_Rep2_peak_41423	127
33712019	33712415	H2AZ_Rep2_peak_41425	27
33755847	33757632	H2AZ_Rep2_peak_41428	57
33805128	33809161	H2AZ_Rep2_peak_41429	45
33853180	33853719	H2AZ_Rep2_peak_41431	84
33950943	33951405	H2AZ_Rep2_peak_41432	33
34163208	34164686	H2AZ_Rep2_peak_41435	47
34168174	34168671	H2AZ_Rep2_peak_41436	51
34191109	34192547	H2AZ_Rep2_peak_41438	113
34205575	34206511	H2AZ_Rep2_peak_41440	32
34216145	34218229	H2AZ_Rep2_peak_41441	133
34358777	34361221	H2AZ_Rep2_peak_41442	72
34393235	34394452	H2AZ_Rep2_peak_41443	63
34443239	34444106	H2AZ_Rep2_peak_41448	41
34494835	34495558	H2AZ_Rep2_peak_41450	38
34514113	34515129	H2AZ_Rep2_peak_41452	23
34528408	34529996	H2AZ_Rep2_peak_41453	17
34535220	34536345	H2AZ_Rep2_peak_41454	65
34625074	34626017	H2AZ_Rep2_peak_41456	30
34663098	34665725	H2AZ_Rep2_peak_41458	100
34672558	34673235	H2AZ_Rep2_peak_41459	18
34686787	34688741	H2AZ_Rep2_peak_41460	54
34690894	34691774	H2AZ_Rep2_peak_41461	50
34708174	34708615	H2AZ_Rep2_peak_41462	58
34713154	34714258	H2AZ_Rep2_peak_41463	14
34724403	34725757	H2AZ_Rep2_peak_41464	110
34758914	34761255	H2AZ_Rep2_peak_41465	111
34855240	34857652	H2AZ_Rep2_peak_41466	83
35148792	35150338	H2AZ_Rep2_peak_41471	128
35152325	35154238	H2AZ_Rep2_peak_41472	48
35226621	35228658	H2AZ_Rep2_peak_41474	126
35285391	35287654	H2AZ_Rep2_peak_41476	205
35294987	35295984	H2AZ_Rep2_peak_41477	31
35299687	35300279	H2AZ_Rep2_peak_41478	114
35310375	35311216	H2AZ_Rep2_peak_41479	38
35337862	35338579	H2AZ_Rep2_peak_41480	17
35419168	35421359	H2AZ_Rep2_peak_41482	76
35435280	35436429	H2AZ_Rep2_peak_41483	130
35452744	35453686	H2AZ_Rep2_peak_41484	41



35455561	35456329	H2AZ_Rep2_peak_41485	40
35463897	35464197	H2AZ_Rep2_peak_41487	17
35465537	35466346	H2AZ_Rep2_peak_41488	23
35490167	35491133	H2AZ_Rep2_peak_41489	74
35655482	35657731	H2AZ_Rep2_peak_41490	83
35693884	35697313	H2AZ_Rep2_peak_41493	156
35699231	35700525	H2AZ_Rep2_peak_41494	141
35778596	35779822	H2AZ_Rep2_peak_41497	167
35887561	35890069	H2AZ_Rep2_peak_41498	43
35940459	35942630	H2AZ_Rep2_peak_41500	39
35992902	35997073	H2AZ_Rep2_peak_41501	63
36094874	36096149	H2AZ_Rep2_peak_41503	46
36163662	36165414	H2AZ_Rep2_peak_41505	75
36235828	36238307	H2AZ_Rep2_peak_41509	72
36255439	36255950	H2AZ_Rep2_peak_41510	50
36257221	36259558	H2AZ_Rep2_peak_41511	71
36286645	36288598	H2AZ_Rep2_peak_41513	102
36308377	36310704	H2AZ_Rep2_peak_41515	64
36328045	36329311	H2AZ_Rep2_peak_41517	41
36354152	36354525	H2AZ_Rep2_peak_41519	33
36386289	36387370	H2AZ_Rep2_peak_41522	31
36390123	36391909	H2AZ_Rep2_peak_41523	99
36395535	36396208	H2AZ_Rep2_peak_41524	64
36398158	36400720	H2AZ_Rep2_peak_41525	81
36410241	36411405	H2AZ_Rep2_peak_41527	73
36514105	36518956	H2AZ_Rep2_peak_41528	41
36544377	36548231	H2AZ_Rep2_peak_41530	89
36561180	36562002	H2AZ_Rep2_peak_41531	151
36591012	36592445	H2AZ_Rep2_peak_41532	18
36601827	36602413	H2AZ_Rep2_peak_41533	31
36609193	36613122	H2AZ_Rep2_peak_41534	40
36629238	36631210	H2AZ_Rep2_peak_41536	78
36634115	36635300	H2AZ_Rep2_peak_41537	41
36646001	36648722	H2AZ_Rep2_peak_41540	35
36736856	36739660	H2AZ_Rep2_peak_41543	63
36840671	36844274	H2AZ_Rep2_peak_41547	175
36852631	36854254	H2AZ_Rep2_peak_41548	175
36904761	36907136	H2AZ_Rep2_peak_41551	26
36923124	36924788	H2AZ_Rep2_peak_41553	54
36928376	36929432	H2AZ_Rep2_peak_41554	114
36953554	36955254	H2AZ_Rep2_peak_41555	84
36985197	36987376	H2AZ_Rep2_peak_41557	55
36992535	36993901	H2AZ_Rep2_peak_41558	61

37019113	37019863	H2AZ_Rep2_peak_41560	81
37027164	37029315	H2AZ_Rep2_peak_41563	93
37059137	37061723	H2AZ_Rep2_peak_41568	35
37069898	37073389	H2AZ_Rep2_peak_41570	64
37092384	37096670	H2AZ_Rep2_peak_41572	95
37092384	37096670	H2AZ_Rep2_peak_41572	95
37098275	37099716	H2AZ_Rep2_peak_41573	36
37101862	37103017	H2AZ_Rep2_peak_41574	54
37104798	37106138	H2AZ_Rep2_peak_41575	62
37136839	37137342	H2AZ_Rep2_peak_41576	25
37177747	37180221	H2AZ_Rep2_peak_41578	19
37189516	37190886	H2AZ_Rep2_peak_41579	136
37207861	37208387	H2AZ_Rep2_peak_41580	30
37210096	37211445	H2AZ_Rep2_peak_41581	33
37212858	37213340	H2AZ_Rep2_peak_41582	54
37224830	37226435	H2AZ_Rep2_peak_41583	164
37321019	37322992	H2AZ_Rep2_peak_41585	72
37400056	37402163	H2AZ_Rep2_peak_41586	188
37466804	37468195	H2AZ_Rep2_peak_41587	148
37482459	37484660	H2AZ_Rep2_peak_41588	155
37490734	37492690	H2AZ_Rep2_peak_41589	89
37592213	37593324	H2AZ_Rep2_peak_41592	98
37596970	37598872	H2AZ_Rep2_peak_41593	50
37605778	37607174	H2AZ_Rep2_peak_41594	57
37665169	37667629	H2AZ_Rep2_peak_41597	56
37785798	37788664	H2AZ_Rep2_peak_41602	75
38606730	38608644	H2AZ_Rep2_peak_41606	190
38670225	38671005	H2AZ_Rep2_peak_41607	115
39082018	39083576	H2AZ_Rep2_peak_41609	260
39152453	39153674	H2AZ_Rep2_peak_41610	37
39169832	39172244	H2AZ_Rep2_peak_41611	47
39196171	39197771	H2AZ_Rep2_peak_41613	74
39247887	39248524	H2AZ_Rep2_peak_41615	71
39270361	39271285	H2AZ_Rep2_peak_41616	82
39329682	39330315	H2AZ_Rep2_peak_41618	28
40687414	40687877	H2AZ_Rep2_peak_41624	23
40929897	40931624	H2AZ_Rep2_peak_41628	24
40964389	40965036	H2AZ_Rep2_peak_41629	22
40995354	40997100	H2AZ_Rep2_peak_41632	106
41039260	41039788	H2AZ_Rep2_peak_41634	14
41041164	41042420	H2AZ_Rep2_peak_41635	14
41286366	41287142	H2AZ_Rep2_peak_41637	65
41395596	41396707	H2AZ_Rep2_peak_41639	18

41471661	41473241	H2AZ_Rep2_peak_41644	43
41512782	41514731	H2AZ_Rep2_peak_41647	103
41570420	41571135	H2AZ_Rep2_peak_41648	28
41623657	41625430	H2AZ_Rep2_peak_41649	16
41679943	41682026	H2AZ_Rep2_peak_41650	35
41690632	41692737	H2AZ_Rep2_peak_41651	99
41701193	41704067	H2AZ_Rep2_peak_41652	36
41746932	41749519	H2AZ_Rep2_peak_41656	77
41753888	41755829	H2AZ_Rep2_peak_41657	101
41814301	41814617	H2AZ_Rep2_peak_41659	28
41861933	41864305	H2AZ_Rep2_peak_41660	73
41887993	41889881	H2AZ_Rep2_peak_41661	106
41908222	41910553	H2AZ_Rep2_peak_41662	171
41934057	41935836	H2AZ_Rep2_peak_41665	44
41937580	41938655	H2AZ_Rep2_peak_41666	98
41995854	41996845	H2AZ_Rep2_peak_41668	152
41998739	41999189	H2AZ_Rep2_peak_41669	34
42011552	42019127	H2AZ_Rep2_peak_41671	94
42011552	42019127	H2AZ_Rep2_peak_41671	94
42011552	42019127	H2AZ_Rep2_peak_41671	94
42011552	42019127	H2AZ_Rep2_peak_41671	94
42061708	42062046	H2AZ_Rep2_peak_41672	38
42067005	42068567	H2AZ_Rep2_peak_41674	59
42085714	42086538	H2AZ_Rep2_peak_41675	134
42088910	42090621	H2AZ_Rep2_peak_41676	34
42104503	42105546	H2AZ_Rep2_peak_41677	136
42106866	42108331	H2AZ_Rep2_peak_41678	35
42110299	42111852	H2AZ_Rep2_peak_41679	172
42134206	42134964	H2AZ_Rep2_peak_41681	82
42184949	42186211	H2AZ_Rep2_peak_41683	66
42193930	42198824	H2AZ_Rep2_peak_41685	36
42207208	42208091	H2AZ_Rep2_peak_41686	41
42246883	42248343	H2AZ_Rep2_peak_41687	22
42259824	42260934	H2AZ_Rep2_peak_41688	19
42282155	42282945	H2AZ_Rep2_peak_41689	27
42284153	42285105	H2AZ_Rep2_peak_41690	25
42306001	42307374	H2AZ_Rep2_peak_41691	50
42371710	42373123	H2AZ_Rep2_peak_41693	94
42418929	42421800	H2AZ_Rep2_peak_41694	132
42472455	42474650	H2AZ_Rep2_peak_41695	20
42478566	42480699	H2AZ_Rep2_peak_41696	19
42488151	42489302	H2AZ_Rep2_peak_41697	73
42514871	42516125	H2AZ_Rep2_peak_41698	173

42523365	42524371	H2AZ_Rep2_peak_41699	35
42530940	42533416	H2AZ_Rep2_peak_41700	144
42693911	42694915	H2AZ_Rep2_peak_41701	68
42712701	42716564	H2AZ_Rep2_peak_41702	63
42748529	42748980	H2AZ_Rep2_peak_41703	19
42750915	42751841	H2AZ_Rep2_peak_41704	37
42846728	42848243	H2AZ_Rep2_peak_41706	183
42857873	42859170	H2AZ_Rep2_peak_41707	99
42868800	42869751	H2AZ_Rep2_peak_41709	54
42896205	42898104	H2AZ_Rep2_peak_41710	86
42946075	42949606	H2AZ_Rep2_peak_41712	71
42951345	42953192	H2AZ_Rep2_peak_41713	76
42980882	42982523	H2AZ_Rep2_peak_41714	40
42988721	42989880	H2AZ_Rep2_peak_41715	67
43020672	43022287	H2AZ_Rep2_peak_41716	85
43026371	43028242	H2AZ_Rep2_peak_41717	125
43097206	43097742	H2AZ_Rep2_peak_41721	174
43109946	43113514	H2AZ_Rep2_peak_41723	75
43137960	43140664	H2AZ_Rep2_peak_41724	104
43149423	43150532	H2AZ_Rep2_peak_41726	136
43196411	43197731	H2AZ_Rep2_peak_41727	121
43230899	43231659	H2AZ_Rep2_peak_41730	71
43245457	43246877	H2AZ_Rep2_peak_41731	60
43335898	43339719	H2AZ_Rep2_peak_41732	78
43394704	43396433	H2AZ_Rep2_peak_41736	204
43422052	43422781	H2AZ_Rep2_peak_41738	24
43443275	43445917	H2AZ_Rep2_peak_41740	51
43483831	43485373	H2AZ_Rep2_peak_41744	122
43542742	43545446	H2AZ_Rep2_peak_41745	156
43596240	43599127	H2AZ_Rep2_peak_41746	47
43602754	43604158	H2AZ_Rep2_peak_41747	204
43655079	43656205	H2AZ_Rep2_peak_41748	144
43666475	43667907	H2AZ_Rep2_peak_41750	61
43669876	43672078	H2AZ_Rep2_peak_41751	98
43676780	43677301	H2AZ_Rep2_peak_41752	27
43692087	43693708	H2AZ_Rep2_peak_41753	124
43726289	43726808	H2AZ_Rep2_peak_41756	14
43737225	43737764	H2AZ_Rep2_peak_41757	70
43739250	43740504	H2AZ_Rep2_peak_41758	14
43765817	43767119	H2AZ_Rep2_peak_41759	43
43784587	43784887	H2AZ_Rep2_peak_41760	27
43806089	43807224	H2AZ_Rep2_peak_41762	39
43894055	43895990	H2AZ_Rep2_peak_41767	28

43940033	43941262 H2AZ_Rep2_peak_41769	15
43957333	43962417 H2AZ_Rep2_peak_41771	20
43967550	43970690 H2AZ_Rep2_peak_41772	40
44001915	44004596 H2AZ_Rep2_peak_41774	65
44018541	44022961 H2AZ_Rep2_peak_41777	36
44025006	44027338 H2AZ_Rep2_peak_41778	45
44029244	44036494 H2AZ_Rep2_peak_41779	27
44040037	44043699 H2AZ_Rep2_peak_41780	94
44046857	44047449 H2AZ_Rep2_peak_41781	49
44094634	44096481 H2AZ_Rep2_peak_41783	45
44136736	44137730 H2AZ_Rep2_peak_41785	17
44186789	44187476 H2AZ_Rep2_peak_41789	58
44188913	44192292 H2AZ_Rep2_peak_41790	67
44204783	44206221 H2AZ_Rep2_peak_41791	60
44213146	44214758 H2AZ_Rep2_peak_41792	135
44224369	44225880 H2AZ_Rep2_peak_41793	97
44232303	44233863 H2AZ_Rep2_peak_41794	87
44246686	44247466 H2AZ_Rep2_peak_41795	38
44280331	44281836 H2AZ_Rep2_peak_41796	101
44354442	44356219 H2AZ_Rep2_peak_41798	147
44424272	44425170 H2AZ_Rep2_peak_41799	99
44441768	44444357 H2AZ_Rep2_peak_41800	99
44623108	44623748 H2AZ_Rep2_peak_41806	42
45344640	45346320 H2AZ_Rep2_peak_41809	69
45389185	45390743 H2AZ_Rep2_peak_41811	53
45412332	45416155 H2AZ_Rep2_peak_41812	39
45557061	45560328 H2AZ_Rep2_peak_41816	27
45574858	45577722 H2AZ_Rep2_peak_41817	31
45593574	45594585 H2AZ_Rep2_peak_41819	46
45623770	45625735 H2AZ_Rep2_peak_41821	60
45665148	45668376 H2AZ_Rep2_peak_41823	17
45678065	45680563 H2AZ_Rep2_peak_41825	44
45682537	45683240 H2AZ_Rep2_peak_41826	36
45834385	45834761 H2AZ_Rep2_peak_41831	31
45916650	45917315 H2AZ_Rep2_peak_41833	38
45978255	45981228 H2AZ_Rep2_peak_41834	26
45983492	45984595 H2AZ_Rep2_peak_41835	17
46619984	46621618 H2AZ_Rep2_peak_41839	158
46724794	46725326 H2AZ_Rep2_peak_41840	41
46782911	46783428 H2AZ_Rep2_peak_41841	33
46814890	46816919 H2AZ_Rep2_peak_41842	56
46882139	46882671 H2AZ_Rep2_peak_41844	39
46893756	46895704 H2AZ_Rep2_peak_41845	32

46903280	46904949 H2AZ_Rep2_peak_41847	77
46957086	46958908 H2AZ_Rep2_peak_41849	36
47011791	47012950 H2AZ_Rep2_peak_41852	46
47014490	47015824 H2AZ_Rep2_peak_41853	38
47029205	47030046 H2AZ_Rep2_peak_41854	16
47079702	47080833 H2AZ_Rep2_peak_41856	46
47083788	47084780 H2AZ_Rep2_peak_41857	32
47135605	47136548 H2AZ_Rep2_peak_41861	45
47275216	47278172 H2AZ_Rep2_peak_41864	59
47381526	47383200 H2AZ_Rep2_peak_41865	76
47444850	47446780 H2AZ_Rep2_peak_41866	55
47618985	47619422 H2AZ_Rep2_peak_41867	28
47665798	47667897 H2AZ_Rep2_peak_41872	59
47748112	47749233 H2AZ_Rep2_peak_41874	72
47846146	47847349 H2AZ_Rep2_peak_41876	18
47883471	47884061 H2AZ_Rep2_peak_41877	73
48180293	48181579 H2AZ_Rep2_peak_41883	25
48356909	48358183 H2AZ_Rep2_peak_41886	16
48792540	48795154 H2AZ_Rep2_peak_41893	43
48792540	48795154 H2AZ_Rep2_peak_41893	43
49430269	49431697 H2AZ_Rep2_peak_41903	174
49494310	49495077 H2AZ_Rep2_peak_41906	21
49508320	49510142 H2AZ_Rep2_peak_41908	31
49524439	49526096 H2AZ_Rep2_peak_41909	22
49531394	49535331 H2AZ_Rep2_peak_41910	61
49537805	49538865 H2AZ_Rep2_peak_41911	59
49573477	49575004 H2AZ_Rep2_peak_41912	47
49634536	49636437 H2AZ_Rep2_peak_41914	20
49643950	49644766 H2AZ_Rep2_peak_41915	10
49754635	49755523 H2AZ_Rep2_peak_41917	13
49859843	49860323 H2AZ_Rep2_peak_41920	21
49945529	49946572 H2AZ_Rep2_peak_41924	40
50348173	50348671 H2AZ_Rep2_peak_41928	47
50783363	50783882 H2AZ_Rep2_peak_41929	35
52148986	52152602 H2AZ_Rep2_peak_41935	41
52148986	52152602 H2AZ_Rep2_peak_41935	41
52172611	52173197 H2AZ_Rep2_peak_41936	22
52216455	52217618 H2AZ_Rep2_peak_41937	95
52225427	52227582 H2AZ_Rep2_peak_41938	85
52254516	52256737 H2AZ_Rep2_peak_41939	28
52281589	52286100 H2AZ_Rep2_peak_41940	69
52281589	52286100 H2AZ_Rep2_peak_41940	69
52368389	52369926 H2AZ_Rep2_peak_41941	32

52440962	52442524	H2AZ_Rep2_peak_41942	75
52459686	52460345	H2AZ_Rep2_peak_41944	40
52481867	52482245	H2AZ_Rep2_peak_41946	41
52528021	52530251	H2AZ_Rep2_peak_41948	70
52535241	52537882	H2AZ_Rep2_peak_41949	96
52680283	52680723	H2AZ_Rep2_peak_41952	27
52746527	52747455	H2AZ_Rep2_peak_41955	333
52794177	52795550	H2AZ_Rep2_peak_41956	70
52859446	52861943	H2AZ_Rep2_peak_41958	49
52925689	52927572	H2AZ_Rep2_peak_41959	102
52928950	52931134	H2AZ_Rep2_peak_41960	112
53026482	53026878	H2AZ_Rep2_peak_41963	47
53053151	53053544	H2AZ_Rep2_peak_41964	27
53057440	53058966	H2AZ_Rep2_peak_41965	48
53212262	53214699	H2AZ_Rep2_peak_41969	71
53223339	53224903	H2AZ_Rep2_peak_41970	141
53329254	53332303	H2AZ_Rep2_peak_41974	81
53357934	53358662	H2AZ_Rep2_peak_41976	95
53408509	53410315	H2AZ_Rep2_peak_41977	85
53412042	53413671	H2AZ_Rep2_peak_41978	211
53480271	53482116	H2AZ_Rep2_peak_41979	57
53498500	53500025	H2AZ_Rep2_peak_41980	18
53515540	53517573	H2AZ_Rep2_peak_41981	285
53590803	53591232	H2AZ_Rep2_peak_41985	39
53592544	53593810	H2AZ_Rep2_peak_41986	45
53595108	53596949	H2AZ_Rep2_peak_41987	21
53599462	53600873	H2AZ_Rep2_peak_41988	18
53611510	53611904	H2AZ_Rep2_peak_41989	22
53616791	53618981	H2AZ_Rep2_peak_41990	71
53658697	53661190	H2AZ_Rep2_peak_41991	108
53821050	53821558	H2AZ_Rep2_peak_41992	72
53874191	53876149	H2AZ_Rep2_peak_41995	18
53885295	53885802	H2AZ_Rep2_peak_41996	27
54014976	54015452	H2AZ_Rep2_peak_41999	30
54101758	54103469	H2AZ_Rep2_peak_42001	34
54710789	54713333	H2AZ_Rep2_peak_42017	123
54800102	54801044	H2AZ_Rep2_peak_42019	14
55195571	55195923	H2AZ_Rep2_peak_42020	43
55199181	55199559	H2AZ_Rep2_peak_42021	10
55237366	55238233	H2AZ_Rep2_peak_42024	23
55739149	55740350	H2AZ_Rep2_peak_42026	59
55817933	55818494	H2AZ_Rep2_peak_42030	52
55955967	55956514	H2AZ_Rep2_peak_42033	17

56200159	56200552	H2AZ_Rep2_peak_42036	14
56233293	56236628	H2AZ_Rep2_peak_42039	20
56242576	56243980	H2AZ_Rep2_peak_42040	35
56252405	56253193	H2AZ_Rep2_peak_42042	26
56405094	56409173	H2AZ_Rep2_peak_42043	50
56555307	56558420	H2AZ_Rep2_peak_42044	47
56555307	56558420	H2AZ_Rep2_peak_42044	47
56573383	56574644	H2AZ_Rep2_peak_42045	38
56707683	56709412	H2AZ_Rep2_peak_42047	53
56772483	56774485	H2AZ_Rep2_peak_42050	16
56798107	56798767	H2AZ_Rep2_peak_42051	39
56818454	56820923	H2AZ_Rep2_peak_42053	136
56904649	56906026	H2AZ_Rep2_peak_42055	26
56910443	56911577	H2AZ_Rep2_peak_42056	52
56954308	56955231	H2AZ_Rep2_peak_42057	56
57036578	57038299	H2AZ_Rep2_peak_42058	92
57085900	57087973	H2AZ_Rep2_peak_42059	161
57132464	57133050	H2AZ_Rep2_peak_42063	53
57178132	57178891	H2AZ_Rep2_peak_42064	129
57181130	57183048	H2AZ_Rep2_peak_42065	182
58287210	58287698	H2AZ_Rep2_peak_42066	45
64060961	64063381	H2AZ_Rep2_peak_42072	41
64226251	64226618	H2AZ_Rep2_peak_42078	55
64247186	64247704	H2AZ_Rep2_peak_42080	16
64307928	64309312	H2AZ_Rep2_peak_42082	166
64344804	64346823	H2AZ_Rep2_peak_42083	67
64514454	64515995	H2AZ_Rep2_peak_42084	34
64707153	64707579	H2AZ_Rep2_peak_42086	61
65709321	65709985	H2AZ_Rep2_peak_42089	20
66045261	66045643	H2AZ_Rep2_peak_42090	26
67347813	67348452	H2AZ_Rep2_peak_42099	38
67600972	67601890	H2AZ_Rep2_peak_42102	17
67701961	67703746	H2AZ_Rep2_peak_42103	26
68070905	68071903	H2AZ_Rep2_peak_42105	37
68750236	68750920	H2AZ_Rep2_peak_42108	58
70506013	70507570	H2AZ_Rep2_peak_42112	60
71108643	71109424	H2AZ_Rep2_peak_42116	28
71122387	71124256	H2AZ_Rep2_peak_42117	131
71275914	71277280	H2AZ_Rep2_peak_42118	181
71376565	71379246	H2AZ_Rep2_peak_42120	149
71737974	71738446	H2AZ_Rep2_peak_42125	13
71817530	71817886	H2AZ_Rep2_peak_42126	37
71959664	71960897	H2AZ_Rep2_peak_42129	29



71997594	71999434	H2AZ_Rep2_peak_42130	107
72129210	72131226	H2AZ_Rep2_peak_42131	36
73971838	73973558	H2AZ_Rep2_peak_42140	123
74018959	74020414	H2AZ_Rep2_peak_42141	149
74098152	74099819	H2AZ_Rep2_peak_42142	102
74160838	74162609	H2AZ_Rep2_peak_42143	71
74171357	74172287	H2AZ_Rep2_peak_42145	145
74232972	74233965	H2AZ_Rep2_peak_42147	61
74231023	74231630	H2AZ_Rep2_peak_42146	76
74274544	74277419	H2AZ_Rep2_peak_42148	61
74287369	74290939	H2AZ_Rep2_peak_42150	46
74294680	74298665	H2AZ_Rep2_peak_42151	38
74361913	74365240	H2AZ_Rep2_peak_42153	101
74389458	74390797	H2AZ_Rep2_peak_42154	85
74404378	74407319	H2AZ_Rep2_peak_42155	89
74678751	74679381	H2AZ_Rep2_peak_42158	40
74847627	74848056	H2AZ_Rep2_peak_42162	28
75287305	75288240	H2AZ_Rep2_peak_42163	28
75315447	75320722	H2AZ_Rep2_peak_42164	36
75315447	75320722	H2AZ_Rep2_peak_42164	36
75340673	75341892	H2AZ_Rep2_peak_42165	24
75457784	75460654	H2AZ_Rep2_peak_42169	91
75588536	75589503	H2AZ_Rep2_peak_42170	54
75912536	75916225	H2AZ_Rep2_peak_42171	155
75952976	75954366	H2AZ_Rep2_peak_42173	134
75993667	75995276	H2AZ_Rep2_peak_42174	135
76059083	76059443	H2AZ_Rep2_peak_42178	24
76308216	76312720	H2AZ_Rep2_peak_42183	80
76458176	76459653	H2AZ_Rep2_peak_42184	144
76669530	76669928	H2AZ_Rep2_peak_42186	31
77242953	77243293	H2AZ_Rep2_peak_42190	27
77338542	77339020	H2AZ_Rep2_peak_42191	17
77412052	77412380	H2AZ_Rep2_peak_42194	44
77559418	77560039	H2AZ_Rep2_peak_42197	24
77743667	77744120	H2AZ_Rep2_peak_42199	17
78001973	78002304	H2AZ_Rep2_peak_42201	23
78050827	78051584	H2AZ_Rep2_peak_42202	95
78166075	78166832	H2AZ_Rep2_peak_42203	42
78183875	78186021	H2AZ_Rep2_peak_42204	46
79172214	79172692	H2AZ_Rep2_peak_42212	15
79214440	79215257	H2AZ_Rep2_peak_42214	61
79385733	79386453	H2AZ_Rep2_peak_42217	24
79538321	79539642	H2AZ_Rep2_peak_42218	28

79576754	79578528	H2AZ_Rep2_peak_42219	83
79787600	79789788	H2AZ_Rep2_peak_42220	71
79943117	79944995	H2AZ_Rep2_peak_42223	101
80246191	80248672	H2AZ_Rep2_peak_42228	98
80327216	80327599	H2AZ_Rep2_peak_42229	38
80340505	80341314	H2AZ_Rep2_peak_42230	49
80487035	80488542	H2AZ_Rep2_peak_42234	62
80577919	80580417	H2AZ_Rep2_peak_42236	77
80657846	80659472	H2AZ_Rep2_peak_42237	48
80712777	80715179	H2AZ_Rep2_peak_42239	114
80815574	80817458	H2AZ_Rep2_peak_42240	74
80873351	80874104	H2AZ_Rep2_peak_42241	109
81250375	81252038	H2AZ_Rep2_peak_42243	20
81348292	81349128	H2AZ_Rep2_peak_42245	16
82159922	82160375	H2AZ_Rep2_peak_42248	47
82323353	82324383	H2AZ_Rep2_peak_42249	35
82391834	82393111	H2AZ_Rep2_peak_42251	32
82394741	82395774	H2AZ_Rep2_peak_42252	26
82407266	82407615	H2AZ_Rep2_peak_42253	12
82461121	82464059	H2AZ_Rep2_peak_42255	76
82476005	82477450	H2AZ_Rep2_peak_42256	22
82496072	82498755	H2AZ_Rep2_peak_42257	23
82524550	82525056	H2AZ_Rep2_peak_42258	68
82544127	82544625	H2AZ_Rep2_peak_42259	18
82604618	82605551	H2AZ_Rep2_peak_42260	13
82642857	82643283	H2AZ_Rep2_peak_42262	21
82646945	82649826	H2AZ_Rep2_peak_42263	26
82705138	82705976	H2AZ_Rep2_peak_42264	11
82707204	82709312	H2AZ_Rep2_peak_42265	41
82732070	82733028	H2AZ_Rep2_peak_42267	28
82750141	82751019	H2AZ_Rep2_peak_42268	30
82853809	82855044	H2AZ_Rep2_peak_42269	14
82956769	82958733	H2AZ_Rep2_peak_42270	157
82970126	82971633	H2AZ_Rep2_peak_42271	19
83041253	83041749	H2AZ_Rep2_peak_42273	43
83072806	83075355	H2AZ_Rep2_peak_42274	108
83117643	83119567	H2AZ_Rep2_peak_42275	33
83368571	83368934	H2AZ_Rep2_peak_42281	52
83421488	83422487	H2AZ_Rep2_peak_42283	32
83774625	83778331	H2AZ_Rep2_peak_42286	113
83902326	83904133	H2AZ_Rep2_peak_42287	83
84139566	84143092	H2AZ_Rep2_peak_42288	130
84568760	84570171	H2AZ_Rep2_peak_42292	144

84936443	84938633	H2AZ_Rep2_peak_42295	196
85050259	85051168	H2AZ_Rep2_peak_42296	21
85176274	85176696	H2AZ_Rep2_peak_42298	24
85326602	85329025	H2AZ_Rep2_peak_42301	46
85343808	85345344	H2AZ_Rep2_peak_42302	104
85361162	85361758	H2AZ_Rep2_peak_42303	34
85836539	85837706	H2AZ_Rep2_peak_42306	42
86111246	86118000	H2AZ_Rep2_peak_42308	37
86159189	86160993	H2AZ_Rep2_peak_42309	149
86204440	86205123	H2AZ_Rep2_peak_42311	36
86302796	86304274	H2AZ_Rep2_peak_42312	119
86351936	86355672	H2AZ_Rep2_peak_42313	52
86369641	86370356	H2AZ_Rep2_peak_42314	39
86388689	86390409	H2AZ_Rep2_peak_42315	65
86574354	86575750	H2AZ_Rep2_peak_42317	31
87679375	87679762	H2AZ_Rep2_peak_42320	12
87863388	87865954	H2AZ_Rep2_peak_42326	126
88031473	88032975	H2AZ_Rep2_peak_42327	130
88117018	88118901	H2AZ_Rep2_peak_42328	135
88181926	88183735	H2AZ_Rep2_peak_42329	222
88298378	88300660	H2AZ_Rep2_peak_42330	173
88411630	88413154	H2AZ_Rep2_peak_42331	53
88424130	88425224	H2AZ_Rep2_peak_42332	31
88440261	88441906	H2AZ_Rep2_peak_42334	25
88464563	88466332	H2AZ_Rep2_peak_42335	27
88541907	88542627	H2AZ_Rep2_peak_42339	58
88722102	88723213	H2AZ_Rep2_peak_42342	25
89672541	89674547	H2AZ_Rep2_peak_42346	138
89717108	89718000	H2AZ_Rep2_peak_42349	38
89744196	89747269	H2AZ_Rep2_peak_42350	36
89757260	89760852	H2AZ_Rep2_peak_42353	33
89788981	89790874	H2AZ_Rep2_peak_42354	40
89855223	89856752	H2AZ_Rep2_peak_42356	97
90007409	90009119	H2AZ_Rep2_peak_42358	42
90061816	90063302	H2AZ_Rep2_peak_42360	67
90347890	90349328	H2AZ_Rep2_peak_42363	120
90528602	90530683	H2AZ_Rep2_peak_42364	120
90538477	90540315	H2AZ_Rep2_peak_42365	140
90927670	90928228	H2AZ_Rep2_peak_42367	21
91296392	91297523	H2AZ_Rep2_peak_42370	95
91650368	91651948	H2AZ_Rep2_peak_42373	38
91859124	91860206	H2AZ_Rep2_peak_42378	12
92185516	92186211	H2AZ_Rep2_peak_42379	23

92903947	92904247	H2AZ_Rep2_peak_42383	15
93358456	93358954	H2AZ_Rep2_peak_42385	37
93472140	93473303	H2AZ_Rep2_peak_42387	15
93866437	93866977	H2AZ_Rep2_peak_42391	34
93887558	93889317	H2AZ_Rep2_peak_42393	38
94003232	94003532	H2AZ_Rep2_peak_42397	31
94225916	94227174	H2AZ_Rep2_peak_42405	33
94253615	94255181	H2AZ_Rep2_peak_42406	35
94313781	94314176	H2AZ_Rep2_peak_42408	20
94348350	94349192	H2AZ_Rep2_peak_42410	43
94354110	94355741	H2AZ_Rep2_peak_42411	36
94487796	94489042	H2AZ_Rep2_peak_42413	18
94493928	94497894	H2AZ_Rep2_peak_42414	47
94637076	94637619	H2AZ_Rep2_peak_42417	82
94887430	94887747	H2AZ_Rep2_peak_42427	25
94962357	94962755	H2AZ_Rep2_peak_42433	20
94998290	94999059	H2AZ_Rep2_peak_42434	28
95117032	95117773	H2AZ_Rep2_peak_42439	19
95290629	95291504	H2AZ_Rep2_peak_42444	13
95306988	95307375	H2AZ_Rep2_peak_42446	47
95445240	95446205	H2AZ_Rep2_peak_42449	21
95494574	95495609	H2AZ_Rep2_peak_42450	52
96024247	96026394	H2AZ_Rep2_peak_42458	93
96138412	96138910	H2AZ_Rep2_peak_42460	92
96604165	96605000	H2AZ_Rep2_peak_42465	20
96968807	96970593	H2AZ_Rep2_peak_42468	107
97344906	97346578	H2AZ_Rep2_peak_42471	96
97371658	97373158	H2AZ_Rep2_peak_42472	62
97385204	97387632	H2AZ_Rep2_peak_42473	22
97730217	97732446	H2AZ_Rep2_peak_42475	148
97830413	97831532	H2AZ_Rep2_peak_42479	28
98074727	98075532	H2AZ_Rep2_peak_42481	51
98230984	98231309	H2AZ_Rep2_peak_42483	52
98406188	98406592	H2AZ_Rep2_peak_42484	66
98487417	98488582	H2AZ_Rep2_peak_42485	26
99212371	99212740	H2AZ_Rep2_peak_42487	39
99281716	99283055	H2AZ_Rep2_peak_42488	46
99394660	99396399	H2AZ_Rep2_peak_42489	72
99797555	99798327	H2AZ_Rep2_peak_42491	32
99841123	99842748	H2AZ_Rep2_peak_42492	126
99872703	99874430	H2AZ_Rep2_peak_42493	137
99962589	99964321	H2AZ_Rep2_peak_42494	64
99967945	99970121	H2AZ_Rep2_peak_42495	120

100015918	100017356	H2AZ_Rep2_peak_42496	44
100622790	100626019	H2AZ_Rep2_peak_42500	100
100650332	100651873	H2AZ_Rep2_peak_42501	55
100676381	100677539	H2AZ_Rep2_peak_42502	66
100747881	100748503	H2AZ_Rep2_peak_42503	19
100813885	100815645	H2AZ_Rep2_peak_42504	45
101328421	101330307	H2AZ_Rep2_peak_42507	109
101458672	101459970	H2AZ_Rep2_peak_42509	26
101841110	101842225	H2AZ_Rep2_peak_42511	48
102170387	102170793	H2AZ_Rep2_peak_42513	25
103180924	103181502	H2AZ_Rep2_peak_42517	89
103448713	103449493	H2AZ_Rep2_peak_42519	29
103570763	103571186	H2AZ_Rep2_peak_42521	65
103637742	103638141	H2AZ_Rep2_peak_42522	27
104122878	104124535	H2AZ_Rep2_peak_42525	58
104267297	104268579	H2AZ_Rep2_peak_42527	19
104566150	104566939	H2AZ_Rep2_peak_42529	35
104609829	104611489	H2AZ_Rep2_peak_42532	50
104772506	104774543	H2AZ_Rep2_peak_42534	34
104850734	104851136	H2AZ_Rep2_peak_42537	18
104865822	104866408	H2AZ_Rep2_peak_42538	37
105073292	105073880	H2AZ_Rep2_peak_42540	11
105306566	105308263	H2AZ_Rep2_peak_42542	83
105626943	105628423	H2AZ_Rep2_peak_42545	60
105657656	105658895	H2AZ_Rep2_peak_42546	19
105850031	105852853	H2AZ_Rep2_peak_42547	106
106040436	106040736	H2AZ_Rep2_peak_42551	36
106047273	106049924	H2AZ_Rep2_peak_42552	34
106056162	106058018	H2AZ_Rep2_peak_42553	166
106241843	106245973	H2AZ_Rep2_peak_42558	38
106241843	106245973	H2AZ_Rep2_peak_42558	38
106251728	106254759	H2AZ_Rep2_peak_42559	26
106256973	106259028	H2AZ_Rep2_peak_42560	37
106279588	106280527	H2AZ_Rep2_peak_42561	54
106439737	106443640	H2AZ_Rep2_peak_42565	109
106487841	106488887	H2AZ_Rep2_peak_42567	16
106532483	106535704	H2AZ_Rep2_peak_42571	48
106545247	106547349	H2AZ_Rep2_peak_42572	33
106566757	106568008	H2AZ_Rep2_peak_42573	40
106576847	106578172	H2AZ_Rep2_peak_42575	48
106581977	106584380	H2AZ_Rep2_peak_42576	102
106772887	106774994	H2AZ_Rep2_peak_42580	79
106787063	106788811	H2AZ_Rep2_peak_42582	65

106898659	106899188	H2AZ_Rep2_peak_42586	27
106923244	106924214	H2AZ_Rep2_peak_42588	14
106959270	106962189	H2AZ_Rep2_peak_42592	55
106966995	106968109	H2AZ_Rep2_peak_42593	51
106972819	106973505	H2AZ_Rep2_peak_42594	59
106980928	106981703	H2AZ_Rep2_peak_42595	25
106987460	106989471	H2AZ_Rep2_peak_42596	32
107022370	107023409	H2AZ_Rep2_peak_42597	28
107076571	107078355	H2AZ_Rep2_peak_42598	110
107140135	107142350	H2AZ_Rep2_peak_42600	21
107190808	107194192	H2AZ_Rep2_peak_42603	29
107196915	107199949	H2AZ_Rep2_peak_42604	28
107196915	107199949	H2AZ_Rep2_peak_42604	28
107230638	107232123	H2AZ_Rep2_peak_42605	35
107245334	107247821	H2AZ_Rep2_peak_42606	78
107306348	107308143	H2AZ_Rep2_peak_42609	20
107318204	107319432	H2AZ_Rep2_peak_42610	53
107348690	107350188	H2AZ_Rep2_peak_42611	166
107435130	107437468	H2AZ_Rep2_peak_42612	66
107779648	107781643	H2AZ_Rep2_peak_42614	315
107802030	107802539	H2AZ_Rep2_peak_42615	28
107813694	107814813	H2AZ_Rep2_peak_42616	23
107987549	107988441	H2AZ_Rep2_peak_42619	28
107992102	107992890	H2AZ_Rep2_peak_42620	26
107996086	107997115	H2AZ_Rep2_peak_42621	78
108018149	108019630	H2AZ_Rep2_peak_42622	15
108037832	108038262	H2AZ_Rep2_peak_42624	65
108051849	108053052	H2AZ_Rep2_peak_42625	31
108169334	108170708	H2AZ_Rep2_peak_42634	116
108278154	108280125	H2AZ_Rep2_peak_42635	75
108395260	108397059	H2AZ_Rep2_peak_42638	172
108433561	108435535	H2AZ_Rep2_peak_42641	68
108581288	108583428	H2AZ_Rep2_peak_42644	108
108615285	108617281	H2AZ_Rep2_peak_42647	216
108862860	108865028	H2AZ_Rep2_peak_42650	58
108876850	108883641	H2AZ_Rep2_peak_42651	94
109010743	109011151	H2AZ_Rep2_peak_42653	29
109053429	109054860	H2AZ_Rep2_peak_42655	61
109057015	109060364	H2AZ_Rep2_peak_42656	49
109057015	109060364	H2AZ_Rep2_peak_42656	49
109063169	109063750	H2AZ_Rep2_peak_42657	36
109103306	109105650	H2AZ_Rep2_peak_42661	41
109167016	109171740	H2AZ_Rep2_peak_42662	120

109223700	109224000	H2AZ_Rep2_peak_42663	37
109288074	109290253	H2AZ_Rep2_peak_42667	53
109329792	109331436	H2AZ_Rep2_peak_42668	92
109415117	109417759	H2AZ_Rep2_peak_42669	104
109556793	109559345	H2AZ_Rep2_peak_42674	65
109563224	109564885	H2AZ_Rep2_peak_42676	28
109615045	109615616	H2AZ_Rep2_peak_42678	38
109625392	109625915	H2AZ_Rep2_peak_42679	13
109653771	109654420	H2AZ_Rep2_peak_42681	38
109657322	109658767	H2AZ_Rep2_peak_42682	68
109702726	109706894	H2AZ_Rep2_peak_42683	105
109760800	109762935	H2AZ_Rep2_peak_42687	74
109775413	109777489	H2AZ_Rep2_peak_42688	73
109803768	109805330	H2AZ_Rep2_peak_42689	92
110007819	110009010	H2AZ_Rep2_peak_42694	42
110011515	110013175	H2AZ_Rep2_peak_42695	186
110114339	110116206	H2AZ_Rep2_peak_42696	82
110499723	110502273	H2AZ_Rep2_peak_42704	145
110735857	110737705	H2AZ_Rep2_peak_42706	48
111135186	111137476	H2AZ_Rep2_peak_42716	102
111194474	111195829	H2AZ_Rep2_peak_42717	66
111273592	111274058	H2AZ_Rep2_peak_42718	76
111279152	111280743	H2AZ_Rep2_peak_42719	136
111302845	111303998	H2AZ_Rep2_peak_42720	110
111373535	111374760	H2AZ_Rep2_peak_42721	14
111579685	111581090	H2AZ_Rep2_peak_42727	67
111803084	111806156	H2AZ_Rep2_peak_42728	86
111910716	111913114	H2AZ_Rep2_peak_42729	34
111924255	111928543	H2AZ_Rep2_peak_42730	87
111963558	111964037	H2AZ_Rep2_peak_42735	36
112144013	112147002	H2AZ_Rep2_peak_42740	20
112191908	112195662	H2AZ_Rep2_peak_42741	77
112294050	112295042	H2AZ_Rep2_peak_42745	75
112350328	112350650	H2AZ_Rep2_peak_42750	53
112362924	112365910	H2AZ_Rep2_peak_42753	57
112375082	112375969	H2AZ_Rep2_peak_42755	19
112408013	112409520	H2AZ_Rep2_peak_42756	201
112465677	112467904	H2AZ_Rep2_peak_42759	24
112476763	112477292	H2AZ_Rep2_peak_42760	24
112523724	112527159	H2AZ_Rep2_peak_42763	65
112553027	112554822	H2AZ_Rep2_peak_42764	15
112617417	112621520	H2AZ_Rep2_peak_42767	61
112703978	112705755	H2AZ_Rep2_peak_42775	15

113441890	113442424	H2AZ_Rep2_peak_42783	20
113952809	113954116	H2AZ_Rep2_peak_42786	61
113965938	113967024	H2AZ_Rep2_peak_42787	18
114084617	114085354	H2AZ_Rep2_peak_42789	21
114179141	114180809	H2AZ_Rep2_peak_42790	113
114241938	114242238	H2AZ_Rep2_peak_42791	21
114291051	114293342	H2AZ_Rep2_peak_42792	109
114461617	114461932	H2AZ_Rep2_peak_42795	20
114466156	114466970	H2AZ_Rep2_peak_42796	40
115319368	115319814	H2AZ_Rep2_peak_42799	21
115865972	115866974	H2AZ_Rep2_peak_42800	50
116354949	116355250	H2AZ_Rep2_peak_42801	23
116380867	116382790	H2AZ_Rep2_peak_42802	162
116421004	116423021	H2AZ_Rep2_peak_42804	163
116574272	116575691	H2AZ_Rep2_peak_42805	156
116600222	116602136	H2AZ_Rep2_peak_42806	102
116692522	116692943	H2AZ_Rep2_peak_42807	19
116706205	116709513	H2AZ_Rep2_peak_42808	46
116857475	116858052	H2AZ_Rep2_peak_42810	42
116891701	116893100	H2AZ_Rep2_peak_42812	87
116989325	116990549	H2AZ_Rep2_peak_42813	149
117001523	117003105	H2AZ_Rep2_peak_42814	116
117771125	117773506	H2AZ_Rep2_peak_42816	25
117802709	117805128	H2AZ_Rep2_peak_42817	38
117922776	117924597	H2AZ_Rep2_peak_42818	145
117995627	117996535	H2AZ_Rep2_peak_42819	111
118971666	118973556	H2AZ_Rep2_peak_42822	51
119029757	119031683	H2AZ_Rep2_peak_42824	88
119121369	119121701	H2AZ_Rep2_peak_42825	18
119214171	119216561	H2AZ_Rep2_peak_42826	65
119255403	119256201	H2AZ_Rep2_peak_42827	63
119458276	119459189	H2AZ_Rep2_peak_42828	25
119670260	119671800	H2AZ_Rep2_peak_42830	60
120177394	120177878	H2AZ_Rep2_peak_42833	44
120326445	120327186	H2AZ_Rep2_peak_42835	48
120996917	120997228	H2AZ_Rep2_peak_42836	34
121192518	121193348	H2AZ_Rep2_peak_42837	43
121654905	121656819	H2AZ_Rep2_peak_42838	106
121824483	121825272	H2AZ_Rep2_peak_42839	23
121894759	121895471	H2AZ_Rep2_peak_42841	26
122101624	122102257	H2AZ_Rep2_peak_42842	36
122253558	122253998	H2AZ_Rep2_peak_42843	40
122402953	122403628	H2AZ_Rep2_peak_42845	41



122643852	122644778	H2AZ_Rep2_peak_42846	25
122720214	122721405	H2AZ_Rep2_peak_42847	74
122792464	122793690	H2AZ_Rep2_peak_42848	100
123109761	123111583	H2AZ_Rep2_peak_42851	104
123976338	123977155	H2AZ_Rep2_peak_42853	43
125282605	125284969	H2AZ_Rep2_peak_42856	64
125420609	125421318	H2AZ_Rep2_peak_42858	65
125444473	125446051	H2AZ_Rep2_peak_42860	108
125474479	125475529	H2AZ_Rep2_peak_42861	119
125512653	125514553	H2AZ_Rep2_peak_42862	21
125518849	125520109	H2AZ_Rep2_peak_42863	36
125523003	125523624	H2AZ_Rep2_peak_42864	25
125566664	125567337	H2AZ_Rep2_peak_42865	46
125621926	125623340	H2AZ_Rep2_peak_42866	60
125683936	125685300	H2AZ_Rep2_peak_42867	78
125905409	125907054	H2AZ_Rep2_peak_42870	56
125918619	125920324	H2AZ_Rep2_peak_42871	46
125932693	125933726	H2AZ_Rep2_peak_42872	26
125979459	125980488	H2AZ_Rep2_peak_42873	17
125991149	125992117	H2AZ_Rep2_peak_42874	18
126068172	126071470	H2AZ_Rep2_peak_42876	75
126101651	126102946	H2AZ_Rep2_peak_42877	44
126110987	126112880	H2AZ_Rep2_peak_42878	39
126261594	126262719	H2AZ_Rep2_peak_42879	35
126277275	126279456	H2AZ_Rep2_peak_42885	52
126307127	126308424	H2AZ_Rep2_peak_42886	145
126660783	126662485	H2AZ_Rep2_peak_42887	105
127022803	127023551	H2AZ_Rep2_peak_42888	52
127374240	127375498	H2AZ_Rep2_peak_42891	25
127440228	127440573	H2AZ_Rep2_peak_42892	30
127587207	127589437	H2AZ_Rep2_peak_42893	93
127663645	127665343	H2AZ_Rep2_peak_42894	87
127686967	127688126	H2AZ_Rep2_peak_42895	108
127804814	127805896	H2AZ_Rep2_peak_42896	27
128292622	128293651	H2AZ_Rep2_peak_42901	24
128839997	128842570	H2AZ_Rep2_peak_42903	76
128891764	128892154	H2AZ_Rep2_peak_42904	25
129811330	129812818	H2AZ_Rep2_peak_42909	26
129819014	129820868	H2AZ_Rep2_peak_42910	32
129958677	129959787	H2AZ_Rep2_peak_42911	23
129966580	129967131	H2AZ_Rep2_peak_42912	23
130029540	130031829	H2AZ_Rep2_peak_42915	102
130051637	130052376	H2AZ_Rep2_peak_42916	41

130069366	130070704	H2AZ_Rep2_peak_42917	32
130095728	130096496	H2AZ_Rep2_peak_42918	89
130257601	130257936	H2AZ_Rep2_peak_42919	45
130339142	130342517	H2AZ_Rep2_peak_42922	54
131383373	131385137	H2AZ_Rep2_peak_42926	34
131386674	131387189	H2AZ_Rep2_peak_42927	24
131455873	131457616	H2AZ_Rep2_peak_42928	32
131720803	131721611	H2AZ_Rep2_peak_42929	26
131948721	131950398	H2AZ_Rep2_peak_42930	90
132128545	132129738	H2AZ_Rep2_peak_42933	26
132275272	132276102	H2AZ_Rep2_peak_42934	31
132600732	132601144	H2AZ_Rep2_peak_42936	105
132832746	132834771	H2AZ_Rep2_peak_42940	84
132990964	132991457	H2AZ_Rep2_peak_42941	74
133119154	133120652	H2AZ_Rep2_peak_42945	38
133133729	133135423	H2AZ_Rep2_peak_42946	73
133258748	133259177	H2AZ_Rep2_peak_42947	26
133418251	133418891	H2AZ_Rep2_peak_42948	20
133451782	133453226	H2AZ_Rep2_peak_42949	19
133561404	133564391	H2AZ_Rep2_peak_42950	36
133888702	133891145	H2AZ_Rep2_peak_42952	54
133911499	133912264	H2AZ_Rep2_peak_42953	19
133915819	133916929	H2AZ_Rep2_peak_42954	32
133931786	133932243	H2AZ_Rep2_peak_42956	26
134060352	134063246	H2AZ_Rep2_peak_42957	41
134066655	134067650	H2AZ_Rep2_peak_42958	44
134094813	134095727	H2AZ_Rep2_peak_42959	14
134158986	134159633	H2AZ_Rep2_peak_42960	20
134211935	134213170	H2AZ_Rep2_peak_42961	87
134237864	134238346	H2AZ_Rep2_peak_42962	49
134272556	134274952	H2AZ_Rep2_peak_42963	84
134444923	134445391	H2AZ_Rep2_peak_42964	70
134467129	134468627	H2AZ_Rep2_peak_42965	26
134503673	134505311	H2AZ_Rep2_peak_42966	29
134570688	134573650	H2AZ_Rep2_peak_42967	27
134597194	134599362	H2AZ_Rep2_peak_42968	16
134741038	134742142	H2AZ_Rep2_peak_42974	69
134757509	134758397	H2AZ_Rep2_peak_42977	39
134789943	134791214	H2AZ_Rep2_peak_42979	31
134816464	134818439	H2AZ_Rep2_peak_42980	55
134837865	134839193	H2AZ_Rep2_peak_42981	37
134850788	134853951	H2AZ_Rep2_peak_42982	22
135134677	135135753	H2AZ_Rep2_peak_42988	21

135141898	135145018	H2AZ_Rep2_peak_42989	20
135202881	135204169	H2AZ_Rep2_peak_42990	30
135229807	135230596	H2AZ_Rep2_peak_42991	74
135375460	135376596	H2AZ_Rep2_peak_42992	75
135408806	135410383	H2AZ_Rep2_peak_42993	19
135501759	135504639	H2AZ_Rep2_peak_42994	42
135565297	135566924	H2AZ_Rep2_peak_42995	25
135818387	135820690	H2AZ_Rep2_peak_42996	51
136133034	136134766	H2AZ_Rep2_peak_42998	51
136333218	136338080	H2AZ_Rep2_peak_43001	35
136333218	136338080	H2AZ_Rep2_peak_43001	35
136389111	136390365	H2AZ_Rep2_peak_43002	24
136547090	136548472	H2AZ_Rep2_peak_43003	37
136570566	136572200	H2AZ_Rep2_peak_43004	74
136610611	136612187	H2AZ_Rep2_peak_43005	53
136870463	136871943	H2AZ_Rep2_peak_43006	30
137112290	137114995	H2AZ_Rep2_peak_43007	69
137142996	137144542	H2AZ_Rep2_peak_43008	99
137288818	137292406	H2AZ_Rep2_peak_43009	57
137322736	137323805	H2AZ_Rep2_peak_43010	22
137345596	137346189	H2AZ_Rep2_peak_43011	18
137365066	137365770	H2AZ_Rep2_peak_43012	33
137539737	137541290	H2AZ_Rep2_peak_43014	47
137554833	137555827	H2AZ_Rep2_peak_43015	38
137561422	137562867	H2AZ_Rep2_peak_43017	20
137630420	137630882	H2AZ_Rep2_peak_43018	42
137910013	137910691	H2AZ_Rep2_peak_43019	17
137974135	137974800	H2AZ_Rep2_peak_43020	25
138132190	138133227	H2AZ_Rep2_peak_43022	65
138186322	138189046	H2AZ_Rep2_peak_43023	113
138426871	138429310	H2AZ_Rep2_peak_43024	62
138482440	138484047	H2AZ_Rep2_peak_43025	86
138724279	138725289	H2AZ_Rep2_peak_43026	123
138776182	138777573	H2AZ_Rep2_peak_43027	38
138914254	138914784	H2AZ_Rep2_peak_43028	42
139012985	139014990	H2AZ_Rep2_peak_43029	34
139093897	139095513	H2AZ_Rep2_peak_43032	161
139308234	139310061	H2AZ_Rep2_peak_43033	56
139349416	139351077	H2AZ_Rep2_peak_43034	51
139454966	139457542	H2AZ_Rep2_peak_43035	23
139613114	139614119	H2AZ_Rep2_peak_43036	28
139696116	139700428	H2AZ_Rep2_peak_43037	38
139854645	139856106	H2AZ_Rep2_peak_43039	54

139908768	139909703	H2AZ_Rep2_peak_43041	18
140304021	140305284	H2AZ_Rep2_peak_43046	24
140382930	140384146	H2AZ_Rep2_peak_43048	15
140426936	140427243	H2AZ_Rep2_peak_43050	27
140667685	140668060	H2AZ_Rep2_peak_43052	31
140784031	140784692	H2AZ_Rep2_peak_43053	14
140858646	140859525	H2AZ_Rep2_peak_43054	19
141533200	141533872	H2AZ_Rep2_peak_43055	75
141702215	141702853	H2AZ_Rep2_peak_43056	28
142467366	142468766	H2AZ_Rep2_peak_43065	63
142621746	142624599	H2AZ_Rep2_peak_43067	54
142858867	142859262	H2AZ_Rep2_peak_43069	38
143265467	143269000	H2AZ_Rep2_peak_43073	33
143380071	143382604	H2AZ_Rep2_peak_43075	47
143770899	143772886	H2AZ_Rep2_peak_43076	89
143831991	143833374	H2AZ_Rep2_peak_43077	80
143857388	143858974	H2AZ_Rep2_peak_43078	36
143900726	143901239	H2AZ_Rep2_peak_43079	33
143999040	143999949	H2AZ_Rep2_peak_43080	65
144163744	144165167	H2AZ_Rep2_peak_43081	96
144327745	144330016	H2AZ_Rep2_peak_43083	28
144384724	144385639	H2AZ_Rep2_peak_43085	43
144416117	144418112	H2AZ_Rep2_peak_43086	90
144470963	144472696	H2AZ_Rep2_peak_43088	69
144536363	144538737	H2AZ_Rep2_peak_43089	125
144587321	144587705	H2AZ_Rep2_peak_43090	26
144605604	144608609	H2AZ_Rep2_peak_43091	60
144880979	144881959	H2AZ_Rep2_peak_43094	48
145218418	145218960	H2AZ_Rep2_peak_43095	15
145288804	145289248	H2AZ_Rep2_peak_43097	25
145568736	145569175	H2AZ_Rep2_peak_43100	21
145693950	145694380	H2AZ_Rep2_peak_43102	34
146055670	146057183	H2AZ_Rep2_peak_43104	25
146070619	146071195	H2AZ_Rep2_peak_43105	31
146134930	146136981	H2AZ_Rep2_peak_43106	71
146284603	146286443	H2AZ_Rep2_peak_43107	66
146678744	146679836	H2AZ_Rep2_peak_43109	13
146864104	146865837	H2AZ_Rep2_peak_43110	57
147178713	147179273	H2AZ_Rep2_peak_43111	24
147234008	147238081	H2AZ_Rep2_peak_43113	22
147522990	147525726	H2AZ_Rep2_peak_43114	69
148385614	148386018	H2AZ_Rep2_peak_43115	34
148662783	148664696	H2AZ_Rep2_peak_43117	66

148762284	148762879	H2AZ_Rep2_peak_43118	48
148881138	148881524	H2AZ_Rep2_peak_43119	26
148911442	148912253	H2AZ_Rep2_peak_43120	50
149021928	149022701	H2AZ_Rep2_peak_43122	53
149067103	149069539	H2AZ_Rep2_peak_43123	53
149352845	149354576	H2AZ_Rep2_peak_43125	51
149491104	149492251	H2AZ_Rep2_peak_43126	37
149554007	149555765	H2AZ_Rep2_peak_43127	64
149637809	149638545	H2AZ_Rep2_peak_43128	34
149753328	149753652	H2AZ_Rep2_peak_43129	27
149771820	149773193	H2AZ_Rep2_peak_43130	28
149774992	149776904	H2AZ_Rep2_peak_43131	52
149794340	149795016	H2AZ_Rep2_peak_43132	17
149866420	149868196	H2AZ_Rep2_peak_43133	74
149886903	149888415	H2AZ_Rep2_peak_43134	38
149968223	149970614	H2AZ_Rep2_peak_43135	37
150038772	150040019	H2AZ_Rep2_peak_43136	91
150067013	150068431	H2AZ_Rep2_peak_43137	90
150070805	150071694	H2AZ_Rep2_peak_43138	58
150184695	150185912	H2AZ_Rep2_peak_43139	26
150216406	150219772	H2AZ_Rep2_peak_43141	39
150243797	150244304	H2AZ_Rep2_peak_43142	79
150247133	150247589	H2AZ_Rep2_peak_43143	43
150259476	150260325	H2AZ_Rep2_peak_43144	55
150283932	150285555	H2AZ_Rep2_peak_43145	63
150325817	150327351	H2AZ_Rep2_peak_43147	84
150389459	150390712	H2AZ_Rep2_peak_43150	87
150618157	150619038	H2AZ_Rep2_peak_43152	20
151177875	151179492	H2AZ_Rep2_peak_43155	36
151186299	151186850	H2AZ_Rep2_peak_43156	79
151325472	151325891	H2AZ_Rep2_peak_43157	31
151607329	151608049	H2AZ_Rep2_peak_43159	27
151644383	151647549	H2AZ_Rep2_peak_43161	78
151772576	151774420	H2AZ_Rep2_peak_43162	42
151990441	151990748	H2AZ_Rep2_peak_43163	30
152221955	152222947	H2AZ_Rep2_peak_43165	35
152593822	152595121	H2AZ_Rep2_peak_43166	23
152622598	152623272	H2AZ_Rep2_peak_43167	67
152722854	152723799	H2AZ_Rep2_peak_43169	32
152893434	152893902	H2AZ_Rep2_peak_43173	17
152915188	152917068	H2AZ_Rep2_peak_43174	19
153219078	153219481	H2AZ_Rep2_peak_43181	32
153269305	153269851	H2AZ_Rep2_peak_43182	44

153303189	153305350	H2AZ_Rep2_peak_43183	27
153324132	153324880	H2AZ_Rep2_peak_43184	97
154613867	154614708	H2AZ_Rep2_peak_43187	41
154830793	154832178	H2AZ_Rep2_peak_43189	70
154934147	154934581	H2AZ_Rep2_peak_43190	24
155052993	155055713	H2AZ_Rep2_peak_43191	48
155506698	155507082	H2AZ_Rep2_peak_43193	60
155510139	155511092	H2AZ_Rep2_peak_43194	28
155634826	155636322	H2AZ_Rep2_peak_43197	86
156086126	156086489	H2AZ_Rep2_peak_43198	18
156103014	156104875	H2AZ_Rep2_peak_43199	39
156171496	156171972	H2AZ_Rep2_peak_43200	59
157006869	157009296	H2AZ_Rep2_peak_43202	48
157040580	157042715	H2AZ_Rep2_peak_43203	91
157097550	157099477	H2AZ_Rep2_peak_43204	61
157343041	157343642	H2AZ_Rep2_peak_43205	20
157542078	157543201	H2AZ_Rep2_peak_43206	109
157638575	157639435	H2AZ_Rep2_peak_43207	77
157695099	157696641	H2AZ_Rep2_peak_43208	69
157743912	157745471	H2AZ_Rep2_peak_43209	80
157800599	157802653	H2AZ_Rep2_peak_43212	58
157956695	157957536	H2AZ_Rep2_peak_43213	24
158032828	158035140	H2AZ_Rep2_peak_43215	34
158088191	158089225	H2AZ_Rep2_peak_43216	23
158090441	158091326	H2AZ_Rep2_peak_43217	74
158134245	158138846	H2AZ_Rep2_peak_43218	29
158181208	158181980	H2AZ_Rep2_peak_43219	47
158234395	158234832	H2AZ_Rep2_peak_43221	17
158401736	158403399	H2AZ_Rep2_peak_43222	24
158588654	158590063	H2AZ_Rep2_peak_43228	131
158652380	158654155	H2AZ_Rep2_peak_43229	71
158939233	158940005	H2AZ_Rep2_peak_43230	93
158978995	158982227	H2AZ_Rep2_peak_43231	60
159065420	159066600	H2AZ_Rep2_peak_43232	38
159075493	159078051	H2AZ_Rep2_peak_43233	47
159125306	159126002	H2AZ_Rep2_peak_43234	76
159158627	159159396	H2AZ_Rep2_peak_43238	41
159240433	159241354	H2AZ_Rep2_peak_43239	26
159255996	159258355	H2AZ_Rep2_peak_43240	63
159270330	159271461	H2AZ_Rep2_peak_43242	20
159274137	159275032	H2AZ_Rep2_peak_43243	22
159279265	159279590	H2AZ_Rep2_peak_43244	30
159290200	159291636	H2AZ_Rep2_peak_43245	79

159420173	159421704	H2AZ_Rep2_peak_43246	92
159423441	159424203	H2AZ_Rep2_peak_43247	46
159525133	159526907	H2AZ_Rep2_peak_43248	23
160147532	160148354	H2AZ_Rep2_peak_43249	36
160182289	160184065	H2AZ_Rep2_peak_43250	60
160210989	160212128	H2AZ_Rep2_peak_43251	44
160389318	160390603	H2AZ_Rep2_peak_43252	92
160660031	160660969	H2AZ_Rep2_peak_43254	24
160720635	160722079	H2AZ_Rep2_peak_43255	88
160768530	160770488	H2AZ_Rep2_peak_43256	58
161412099	161413912	H2AZ_Rep2_peak_43259	59
161694364	161695757	H2AZ_Rep2_peak_43260	62
162343905	162344310	H2AZ_Rep2_peak_43262	34
163148468	163149368	H2AZ_Rep2_peak_43263	41
163812840	163813171	H2AZ_Rep2_peak_43266	37
163834090	163834460	H2AZ_Rep2_peak_43267	40
163836838	163837199	H2AZ_Rep2_peak_43268	30
165722560	165723152	H2AZ_Rep2_peak_43270	58
166418086	166420885	H2AZ_Rep2_peak_43272	47
166423413	166424387	H2AZ_Rep2_peak_43273	27
166446091	166446710	H2AZ_Rep2_peak_43274	34
166459964	166460525	H2AZ_Rep2_peak_43275	42
166517736	166520077	H2AZ_Rep2_peak_43277	35
166525885	166526818	H2AZ_Rep2_peak_43278	40
166755548	166757082	H2AZ_Rep2_peak_43279	77
166795027	166797497	H2AZ_Rep2_peak_43281	44
166970553	166971036	H2AZ_Rep2_peak_43282	40
167369221	167370649	H2AZ_Rep2_peak_43283	67
167411225	167414576	H2AZ_Rep2_peak_43284	42
168226921	168228638	H2AZ_Rep2_peak_43287	93
168436056	168437275	H2AZ_Rep2_peak_43288	110
169040770	169042426	H2AZ_Rep2_peak_43290	60
169295334	169295814	H2AZ_Rep2_peak_43294	75
169740035	169741155	H2AZ_Rep2_peak_43295	38
169852129	169853208	H2AZ_Rep2_peak_43296	97
169971426	169971821	H2AZ_Rep2_peak_43297	28
170101389	170102983	H2AZ_Rep2_peak_43298	70
170151208	170152473	H2AZ_Rep2_peak_43300	68
170189616	170190986	H2AZ_Rep2_peak_43301	65
170467839	170468556	H2AZ_Rep2_peak_43302	23
170614980	170616655	H2AZ_Rep2_peak_43303	69
170747060	170748668	H2AZ_Rep2_peak_43304	29
170862081	170864042	H2AZ_Rep2_peak_43306	102

170893034	170894616	H2AZ_Rep2_peak_43307	82
115511	116078	H2AZ_Rep2_peak_43313	18
148504	150538	H2AZ_Rep2_peak_43314	105
191596	193400	H2AZ_Rep2_peak_43315	39
372408	375024	H2AZ_Rep2_peak_43318	55
475007	476046	H2AZ_Rep2_peak_43319	64
556598	558864	H2AZ_Rep2_peak_43322	38
569417	570200	H2AZ_Rep2_peak_43324	64
577415	579301	H2AZ_Rep2_peak_43325	51
582280	583047	H2AZ_Rep2_peak_43326	124
765404	767227	H2AZ_Rep2_peak_43328	50
852179	853532	H2AZ_Rep2_peak_43329	119
856417	857279	H2AZ_Rep2_peak_43330	25
912931	913826	H2AZ_Rep2_peak_43332	59
915490	916903	H2AZ_Rep2_peak_43333	44
943837	944968	H2AZ_Rep2_peak_43335	30
948278	949422	H2AZ_Rep2_peak_43336	24
953732	954334	H2AZ_Rep2_peak_43337	43
1014443	1015677	H2AZ_Rep2_peak_43338	40
1083111	1084002	H2AZ_Rep2_peak_43341	73
1126257	1127062	H2AZ_Rep2_peak_43342	139
1176384	1179315	H2AZ_Rep2_peak_43343	71
1199459	1200582	H2AZ_Rep2_peak_43344	70
1214846	1216606	H2AZ_Rep2_peak_43345	232
1222686	1223085	H2AZ_Rep2_peak_43346	22
1237746	1238260	H2AZ_Rep2_peak_43348	69
1452176	1453098	H2AZ_Rep2_peak_43352	44
1498105	1499019	H2AZ_Rep2_peak_43353	37
1552835	1553536	H2AZ_Rep2_peak_43356	23
1554785	1556722	H2AZ_Rep2_peak_43357	68
1559783	1560972	H2AZ_Rep2_peak_43358	38
1595372	1596301	H2AZ_Rep2_peak_43360	45
1608808	1610721	H2AZ_Rep2_peak_43363	82
1618995	1619886	H2AZ_Rep2_peak_43364	18
1780973	1783143	H2AZ_Rep2_peak_43365	155
2271762	2273217	H2AZ_Rep2_peak_43368	80
2281191	2282820	H2AZ_Rep2_peak_43369	82
2353320	2355730	H2AZ_Rep2_peak_43372	128
2393025	2395049	H2AZ_Rep2_peak_43373	147
2439277	2440309	H2AZ_Rep2_peak_43374	176
2442417	2444604	H2AZ_Rep2_peak_43375	129
2490783	2492058	H2AZ_Rep2_peak_43376	130
2498436	2499637	H2AZ_Rep2_peak_43377	26



2508044	2508829 H2AZ_Rep2_peak_43378	50
2517435	2518747 H2AZ_Rep2_peak_43379	34
2558762	2560544 H2AZ_Rep2_peak_43380	44
2562080	2564054 H2AZ_Rep2_peak_43381	65
2569173	2570897 H2AZ_Rep2_peak_43382	20
2594489	2599889 H2AZ_Rep2_peak_43383	76
2594489	2599889 H2AZ_Rep2_peak_43383	76
2669955	2672204 H2AZ_Rep2_peak_43384	68
2710398	2711051 H2AZ_Rep2_peak_43386	25
2731617	2734142 H2AZ_Rep2_peak_43389	64
2760585	2761021 H2AZ_Rep2_peak_43392	22
2796963	2800708 H2AZ_Rep2_peak_43393	30
2796963	2800708 H2AZ_Rep2_peak_43393	30
2883402	2884867 H2AZ_Rep2_peak_43395	127
2902608	2905051 H2AZ_Rep2_peak_43397	175
4659432	4661142 H2AZ_Rep2_peak_43412	60
4670643	4673993 H2AZ_Rep2_peak_43413	110
4680846	4682667 H2AZ_Rep2_peak_43414	88
4705012	4706250 H2AZ_Rep2_peak_43416	23
4720826	4723362 H2AZ_Rep2_peak_43417	75
4814340	4815860 H2AZ_Rep2_peak_43418	72
5013174	5014553 H2AZ_Rep2_peak_43422	65
5084966	5086357 H2AZ_Rep2_peak_43423	93
5155845	5156587 H2AZ_Rep2_peak_43425	16
5190965	5191933 H2AZ_Rep2_peak_43426	35
5216522	5218407 H2AZ_Rep2_peak_43427	47
5229074	5230691 H2AZ_Rep2_peak_43428	90
5279761	5280637 H2AZ_Rep2_peak_43429	172
5436235	5437708 H2AZ_Rep2_peak_43430	85
5457473	5459097 H2AZ_Rep2_peak_43431	50
5460471	5468872 H2AZ_Rep2_peak_43432	29
5460471	5468872 H2AZ_Rep2_peak_43432	29
5552689	5554490 H2AZ_Rep2_peak_43434	144
5570711	5572455 H2AZ_Rep2_peak_43435	22
5594538	5597781 H2AZ_Rep2_peak_43437	43
5592278	5593201 H2AZ_Rep2_peak_43436	102
5601398	5603603 H2AZ_Rep2_peak_43438	104
5607489	5610491 H2AZ_Rep2_peak_43439	127
5613713	5614998 H2AZ_Rep2_peak_43440	80
5630757	5636556 H2AZ_Rep2_peak_43441	52
5820640	5821983 H2AZ_Rep2_peak_43442	92
5826170	5826577 H2AZ_Rep2_peak_43443	32
5862127	5864053 H2AZ_Rep2_peak_43444	141

6047614	6049361 H2AZ_Rep2_peak_43447	84
6098200	6099401 H2AZ_Rep2_peak_43448	112
6116618	6117592 H2AZ_Rep2_peak_43450	84
6120202	6121700 H2AZ_Rep2_peak_43451	90
6132264	6132985 H2AZ_Rep2_peak_43452	63
6143701	6146006 H2AZ_Rep2_peak_43453	53
6310621	6313197 H2AZ_Rep2_peak_43455	91
6321562	6325111 H2AZ_Rep2_peak_43456	70
6347271	6348054 H2AZ_Rep2_peak_43458	54
6386436	6390346 H2AZ_Rep2_peak_43460	86
6406837	6408194 H2AZ_Rep2_peak_43462	98
6413379	6413862 H2AZ_Rep2_peak_43463	43
6486702	6487599 H2AZ_Rep2_peak_43464	80
6522719	6524409 H2AZ_Rep2_peak_43465	43
6542497	6545919 H2AZ_Rep2_peak_43467	63
6556183	6556567 H2AZ_Rep2_peak_43469	32
6615767	6618202 H2AZ_Rep2_peak_43474	43
6629053	6630672 H2AZ_Rep2_peak_43475	77
6676077	6677745 H2AZ_Rep2_peak_43479	67
6745718	6747264 H2AZ_Rep2_peak_43480	107
6768923	6770189 H2AZ_Rep2_peak_43481	81
7220772	7223495 H2AZ_Rep2_peak_43485	132
7463958	7465092 H2AZ_Rep2_peak_43487	54
7478752	7479595 H2AZ_Rep2_peak_43488	21
7605864	7607582 H2AZ_Rep2_peak_43491	93
7679074	7681811 H2AZ_Rep2_peak_43492	143
7949385	7951766 H2AZ_Rep2_peak_43495	21
7953259	7953708 H2AZ_Rep2_peak_43496	31
8007779	8009950 H2AZ_Rep2_peak_43497	74
8300624	8302451 H2AZ_Rep2_peak_43500	100
8334770	8336520 H2AZ_Rep2_peak_43501	29
10979015	10981647 H2AZ_Rep2_peak_43508	160
11012226	11014341 H2AZ_Rep2_peak_43512	90
11498089	11498947 H2AZ_Rep2_peak_43515	41
11500155	11501790 H2AZ_Rep2_peak_43516	22
11506218	11506775 H2AZ_Rep2_peak_43517	22
11509043	11509655 H2AZ_Rep2_peak_43518	47
11660161	11660685 H2AZ_Rep2_peak_43520	18
11860293	11860660 H2AZ_Rep2_peak_43522	25
12209880	12210508 H2AZ_Rep2_peak_43526	29
12249766	12251978 H2AZ_Rep2_peak_43527	159
12297228	12297604 H2AZ_Rep2_peak_43528	39
12442549	12444360 H2AZ_Rep2_peak_43530	95

12536725	12537418	H2AZ_Rep2_peak_43534	43
12603721	12604873	H2AZ_Rep2_peak_43535	23
12609697	12610594	H2AZ_Rep2_peak_43536	42
12624605	12624992	H2AZ_Rep2_peak_43537	41
12685914	12687359	H2AZ_Rep2_peak_43540	45
12725632	12727645	H2AZ_Rep2_peak_43541	65
12745186	12746867	H2AZ_Rep2_peak_43542	17
12754884	12756393	H2AZ_Rep2_peak_43544	98
12811116	12811472	H2AZ_Rep2_peak_43547	52
13057106	13057669	H2AZ_Rep2_peak_43549	50
13959861	13960312	H2AZ_Rep2_peak_43552	14
14777729	14780496	H2AZ_Rep2_peak_43560	37
14874217	14876370	H2AZ_Rep2_peak_43562	12
15009478	15010744	H2AZ_Rep2_peak_43563	20
15055243	15055844	H2AZ_Rep2_peak_43565	74
15435757	15436170	H2AZ_Rep2_peak_43566	53
16683800	16686611	H2AZ_Rep2_peak_43570	118
16792753	16794240	H2AZ_Rep2_peak_43571	89
16843693	16844848	H2AZ_Rep2_peak_43572	41
16885861	16887520	H2AZ_Rep2_peak_43575	34
16955870	16957604	H2AZ_Rep2_peak_43576	18
16966186	16966960	H2AZ_Rep2_peak_43577	17
17001371	17004372	H2AZ_Rep2_peak_43579	17
17029449	17029917	H2AZ_Rep2_peak_43581	11
17162687	17163053	H2AZ_Rep2_peak_43582	20
17182456	17183002	H2AZ_Rep2_peak_43583	20
17246054	17247041	H2AZ_Rep2_peak_43584	20
17273652	17274269	H2AZ_Rep2_peak_43585	42
17337350	17339550	H2AZ_Rep2_peak_43586	86
17442279	17442904	H2AZ_Rep2_peak_43589	22
17571476	17573216	H2AZ_Rep2_peak_43592	26
17639502	17640375	H2AZ_Rep2_peak_43594	42
17691692	17692240	H2AZ_Rep2_peak_43595	28
17719583	17720063	H2AZ_Rep2_peak_43597	57
17729661	17730552	H2AZ_Rep2_peak_43599	68
17978991	17981146	H2AZ_Rep2_peak_43603	194
18058644	18060283	H2AZ_Rep2_peak_43604	29
18395417	18396194	H2AZ_Rep2_peak_43610	18
18535337	18536123	H2AZ_Rep2_peak_43614	29
18629911	18631338	H2AZ_Rep2_peak_43620	17
18832815	18833252	H2AZ_Rep2_peak_43623	31
19444475	19445001	H2AZ_Rep2_peak_43629	16
19577571	19577962	H2AZ_Rep2_peak_43632	15

19747945	19749605	H2AZ_Rep2_peak_43635	127
20009776	20010783	H2AZ_Rep2_peak_43637	14
20258916	20259811	H2AZ_Rep2_peak_43639	41
20368991	20372491	H2AZ_Rep2_peak_43642	107
20447608	20447946	H2AZ_Rep2_peak_43645	16
20837088	20838020	H2AZ_Rep2_peak_43649	61
21465968	21468436	H2AZ_Rep2_peak_43650	88
21984303	21986261	H2AZ_Rep2_peak_43652	78
22011602	22012444	H2AZ_Rep2_peak_43653	95
22598828	22605565	H2AZ_Rep2_peak_43658	30
22598828	22605565	H2AZ_Rep2_peak_43658	30
22615629	22618644	H2AZ_Rep2_peak_43659	21
22622697	22623932	H2AZ_Rep2_peak_43660	22
22626043	22629683	H2AZ_Rep2_peak_43661	34
22707385	22707749	H2AZ_Rep2_peak_43665	29
22712536	22712983	H2AZ_Rep2_peak_43666	33
22736232	22736640	H2AZ_Rep2_peak_43668	38
22757311	22758556	H2AZ_Rep2_peak_43669	46
22765647	22768465	H2AZ_Rep2_peak_43671	91
22861501	22863865	H2AZ_Rep2_peak_43674	67
22893048	22895008	H2AZ_Rep2_peak_43676	63
23052361	23054865	H2AZ_Rep2_peak_43678	55
23060142	23061046	H2AZ_Rep2_peak_43679	54
23116469	23117518	H2AZ_Rep2_peak_43682	31
23144682	23147155	H2AZ_Rep2_peak_43685	126
23220736	23222244	H2AZ_Rep2_peak_43686	118
23286362	23286958	H2AZ_Rep2_peak_43688	60
23312390	23313359	H2AZ_Rep2_peak_43689	49
23337292	23339702	H2AZ_Rep2_peak_43691	136
23507935	23509205	H2AZ_Rep2_peak_43692	22
23513035	23514575	H2AZ_Rep2_peak_43694	38
23570765	23572422	H2AZ_Rep2_peak_43695	78
23610178	23611133	H2AZ_Rep2_peak_43696	153
23634759	23638973	H2AZ_Rep2_peak_43698	118
23736206	23737551	H2AZ_Rep2_peak_43700	45
23799479	23800626	H2AZ_Rep2_peak_43702	11
23905154	23906900	H2AZ_Rep2_peak_43704	27
23931508	23936108	H2AZ_Rep2_peak_43706	33
23944807	23946480	H2AZ_Rep2_peak_43707	33
23978562	23979283	H2AZ_Rep2_peak_43708	132
23995700	23997185	H2AZ_Rep2_peak_43710	74
24007669	24009704	H2AZ_Rep2_peak_43711	50
24064186	24066502	H2AZ_Rep2_peak_43713	37

24092431	24095285	H2AZ_Rep2_peak_43716	16
24113436	24115222	H2AZ_Rep2_peak_43718	50
24169437	24170111	H2AZ_Rep2_peak_43722	17
24190723	24194639	H2AZ_Rep2_peak_43723	47
24280506	24281525	H2AZ_Rep2_peak_43726	49
24329589	24330257	H2AZ_Rep2_peak_43729	51
24376095	24376521	H2AZ_Rep2_peak_43731	17
24418714	24419926	H2AZ_Rep2_peak_43733	16
24421363	24422047	H2AZ_Rep2_peak_43734	43
24441590	24443613	H2AZ_Rep2_peak_43735	26
24495973	24497122	H2AZ_Rep2_peak_43737	31
24517271	24518489	H2AZ_Rep2_peak_43738	36
24612084	24614295	H2AZ_Rep2_peak_43742	61
24760942	24762043	H2AZ_Rep2_peak_43743	42
24780643	24782122	H2AZ_Rep2_peak_43744	38
24795328	24798501	H2AZ_Rep2_peak_43745	61
24826067	24827217	H2AZ_Rep2_peak_43747	50
24860131	24861644	H2AZ_Rep2_peak_43748	38
24946894	24947434	H2AZ_Rep2_peak_43750	21
25018432	25021825	H2AZ_Rep2_peak_43751	116
25052967	25053390	H2AZ_Rep2_peak_43752	27
25067010	25068991	H2AZ_Rep2_peak_43754	36
25132813	25134580	H2AZ_Rep2_peak_43757	73
25137653	25138116	H2AZ_Rep2_peak_43758	44
25164493	25165774	H2AZ_Rep2_peak_43759	184
25218959	25220838	H2AZ_Rep2_peak_43762	53
25932759	25934146	H2AZ_Rep2_peak_43765	20
26195484	26196387	H2AZ_Rep2_peak_43767	35
26240001	26241008	H2AZ_Rep2_peak_43768	15
26330795	26332588	H2AZ_Rep2_peak_43769	93
26436610	26439194	H2AZ_Rep2_peak_43770	159
26457218	26458050	H2AZ_Rep2_peak_43771	58
26489053	26489629	H2AZ_Rep2_peak_43773	58
26554087	26555452	H2AZ_Rep2_peak_43780	66
26588534	26590021	H2AZ_Rep2_peak_43783	106
26606734	26607099	H2AZ_Rep2_peak_43784	20
26693545	26693902	H2AZ_Rep2_peak_43790	17
26903176	26905737	H2AZ_Rep2_peak_43792	133
26908282	26909104	H2AZ_Rep2_peak_43793	41
26998903	26999245	H2AZ_Rep2_peak_43794	13
27071105	27071567	H2AZ_Rep2_peak_43795	36
27086574	27087504	H2AZ_Rep2_peak_43796	18
27092634	27093088	H2AZ_Rep2_peak_43797	20

27135261	27137225	H2AZ_Rep2_peak_43798	96
27152719	27155490	H2AZ_Rep2_peak_43799	64
27170659	27171112	H2AZ_Rep2_peak_43800	25
27182058	27183335	H2AZ_Rep2_peak_43801	126
27187946	27191118	H2AZ_Rep2_peak_43802	152
27194727	27196909	H2AZ_Rep2_peak_43803	109
27198739	27201181	H2AZ_Rep2_peak_43804	131
27208567	27209795	H2AZ_Rep2_peak_43805	56
27211926	27215762	H2AZ_Rep2_peak_43806	41
27218921	27219614	H2AZ_Rep2_peak_43807	48
27222662	27225456	H2AZ_Rep2_peak_43808	72
27227463	27229249	H2AZ_Rep2_peak_43809	38
27231553	27233416	H2AZ_Rep2_peak_43810	71
27238086	27240917	H2AZ_Rep2_peak_43811	82
27403788	27404767	H2AZ_Rep2_peak_43817	94
27411769	27412447	H2AZ_Rep2_peak_43818	12
27680082	27681885	H2AZ_Rep2_peak_43821	31
27701526	27703684	H2AZ_Rep2_peak_43823	65
27716811	27718916	H2AZ_Rep2_peak_43824	27
27737674	27738195	H2AZ_Rep2_peak_43825	67
27778721	27780842	H2AZ_Rep2_peak_43826	123
27913692	27914539	H2AZ_Rep2_peak_43827	73
28059736	28060552	H2AZ_Rep2_peak_43828	27
28076014	28076801	H2AZ_Rep2_peak_43829	42
28101915	28102267	H2AZ_Rep2_peak_43830	30
28166115	28166766	H2AZ_Rep2_peak_43833	67
28218466	28220883	H2AZ_Rep2_peak_43835	63
28448959	28450282	H2AZ_Rep2_peak_43838	65
28893795	28894466	H2AZ_Rep2_peak_43841	23
28966082	28967167	H2AZ_Rep2_peak_43842	73
29023987	29024747	H2AZ_Rep2_peak_43843	19
29074888	29075866	H2AZ_Rep2_peak_43846	13
29153269	29153617	H2AZ_Rep2_peak_43847	49
29180552	29180897	H2AZ_Rep2_peak_43848	26
29185354	29187024	H2AZ_Rep2_peak_43849	104
29602699	29604945	H2AZ_Rep2_peak_43853	116
29628603	29629065	H2AZ_Rep2_peak_43854	62
29645596	29646610	H2AZ_Rep2_peak_43856	65
29723993	29725766	H2AZ_Rep2_peak_43858	44
29763140	29763568	H2AZ_Rep2_peak_43859	30
29787167	29787728	H2AZ_Rep2_peak_43860	45
30026668	30029268	H2AZ_Rep2_peak_43864	47
30065428	30069063	H2AZ_Rep2_peak_43865	103

30173835	30175780	H2AZ_Rep2_peak_43866	72
30265302	30266859	H2AZ_Rep2_peak_43871	31
30292344	30292934	H2AZ_Rep2_peak_43875	31
30323378	30325770	H2AZ_Rep2_peak_43878	36
30323378	30325770	H2AZ_Rep2_peak_43878	36
30517520	30519710	H2AZ_Rep2_peak_43879	97
30543775	30545268	H2AZ_Rep2_peak_43880	165
30590367	30591341	H2AZ_Rep2_peak_43881	117
30633224	30635144	H2AZ_Rep2_peak_43882	130
30779793	30780612	H2AZ_Rep2_peak_43883	40
30936673	30937387	H2AZ_Rep2_peak_43886	59
30944297	30946227	H2AZ_Rep2_peak_43887	46
30953859	30957060	H2AZ_Rep2_peak_43888	64
30959618	30961261	H2AZ_Rep2_peak_43889	46
30978150	30978602	H2AZ_Rep2_peak_43890	30
32529275	32531004	H2AZ_Rep2_peak_43902	103
32534363	32535909	H2AZ_Rep2_peak_43903	69
32708595	32708928	H2AZ_Rep2_peak_43904	23
32766905	32769188	H2AZ_Rep2_peak_43905	49
32931809	32933200	H2AZ_Rep2_peak_43906	53
32981399	32983366	H2AZ_Rep2_peak_43907	81
32996680	32998443	H2AZ_Rep2_peak_43908	104
33101641	33103469	H2AZ_Rep2_peak_43909	91
33148255	33149639	H2AZ_Rep2_peak_43911	84
33168102	33170178	H2AZ_Rep2_peak_43912	166
33230208	33231148	H2AZ_Rep2_peak_43913	25
33760976	33763241	H2AZ_Rep2_peak_43917	64
33782360	33784686	H2AZ_Rep2_peak_43918	31
33853608	33854376	H2AZ_Rep2_peak_43922	23
33885468	33886468	H2AZ_Rep2_peak_43923	45
33934957	33935576	H2AZ_Rep2_peak_43924	12
33956014	33956434	H2AZ_Rep2_peak_43925	13
33971987	33972588	H2AZ_Rep2_peak_43926	23
34036827	34038366	H2AZ_Rep2_peak_43929	26
34075352	34076674	H2AZ_Rep2_peak_43930	23
34096736	34100109	H2AZ_Rep2_peak_43932	24
34106463	34110883	H2AZ_Rep2_peak_43933	19
34127747	34128461	H2AZ_Rep2_peak_43936	32
34214768	34216175	H2AZ_Rep2_peak_43940	36
34360097	34361297	H2AZ_Rep2_peak_43942	11
34787792	34788753	H2AZ_Rep2_peak_43947	26
34876991	34877914	H2AZ_Rep2_peak_43948	55
35076049	35078134	H2AZ_Rep2_peak_43950	81

35288127	35290828	H2AZ_Rep2_peak_43952	67
35576642	35577257	H2AZ_Rep2_peak_43954	27
35733645	35735469	H2AZ_Rep2_peak_43957	73
35839435	35841450	H2AZ_Rep2_peak_43961	137
36168184	36168641	H2AZ_Rep2_peak_43965	41
36191983	36193733	H2AZ_Rep2_peak_43966	76
36305419	36305719	H2AZ_Rep2_peak_43971	22
36316692	36317155	H2AZ_Rep2_peak_43973	19
36320557	36321143	H2AZ_Rep2_peak_43974	80
36327041	36327482	H2AZ_Rep2_peak_43975	43
36330104	36332067	H2AZ_Rep2_peak_43976	88
36406095	36408125	H2AZ_Rep2_peak_43978	155
36427256	36430432	H2AZ_Rep2_peak_43979	48
36698511	36699142	H2AZ_Rep2_peak_43985	21
37394213	37395183	H2AZ_Rep2_peak_43989	17
37585773	37586950	H2AZ_Rep2_peak_43995	13
37589102	37589711	H2AZ_Rep2_peak_43996	24
37703320	37707016	H2AZ_Rep2_peak_43999	54
37723129	37723615	H2AZ_Rep2_peak_44001	26
37733053	37735130	H2AZ_Rep2_peak_44002	104
37752457	37753516	H2AZ_Rep2_peak_44004	19
37872739	37873284	H2AZ_Rep2_peak_44007	67
37896384	37896719	H2AZ_Rep2_peak_44008	42
37959678	37961279	H2AZ_Rep2_peak_44010	162
38217329	38218745	H2AZ_Rep2_peak_44013	89
38375364	38375804	H2AZ_Rep2_peak_44014	25
38442194	38443072	H2AZ_Rep2_peak_44016	14
38948031	38949640	H2AZ_Rep2_peak_44020	81
39605163	39606759	H2AZ_Rep2_peak_44024	278
39619970	39620844	H2AZ_Rep2_peak_44025	47
39662404	39664278	H2AZ_Rep2_peak_44026	81
39772328	39774251	H2AZ_Rep2_peak_44028	147
39920042	39921998	H2AZ_Rep2_peak_44030	28
39988373	39991598	H2AZ_Rep2_peak_44033	74
40173397	40175078	H2AZ_Rep2_peak_44034	147
40755576	40756925	H2AZ_Rep2_peak_44041	17
40866545	40867815	H2AZ_Rep2_peak_44043	49
40928418	40928718	H2AZ_Rep2_peak_44044	17
40938452	40939979	H2AZ_Rep2_peak_44045	44
40954244	40955333	H2AZ_Rep2_peak_44047	37
40962131	40962650	H2AZ_Rep2_peak_44049	32
41017595	41018651	H2AZ_Rep2_peak_44050	16
41036164	41037111	H2AZ_Rep2_peak_44053	32



41146386	41147906	H2AZ_Rep2_peak_44058	29
41278469	41280000	H2AZ_Rep2_peak_44062	19
41355642	41356579	H2AZ_Rep2_peak_44063	17
41425808	41427154	H2AZ_Rep2_peak_44064	13
41660962	41662371	H2AZ_Rep2_peak_44069	19
41744253	41746416	H2AZ_Rep2_peak_44075	130
41981238	41983040	H2AZ_Rep2_peak_44084	75
42146946	42147643	H2AZ_Rep2_peak_44087	26
42275784	42277311	H2AZ_Rep2_peak_44088	64
42656663	42658848	H2AZ_Rep2_peak_44095	36
42927524	42928894	H2AZ_Rep2_peak_44100	152
42950804	42952734	H2AZ_Rep2_peak_44101	77
42971286	42972763	H2AZ_Rep2_peak_44102	105
43116835	43118982	H2AZ_Rep2_peak_44105	31
43288164	43289887	H2AZ_Rep2_peak_44107	123
43402110	43402968	H2AZ_Rep2_peak_44108	30
43596788	43597845	H2AZ_Rep2_peak_44110	26
43622127	43624142	H2AZ_Rep2_peak_44114	41
43768211	43769819	H2AZ_Rep2_peak_44115	120
43775529	43777357	H2AZ_Rep2_peak_44116	35
43796721	43798964	H2AZ_Rep2_peak_44119	71
43804377	43804868	H2AZ_Rep2_peak_44120	39
43818729	43820141	H2AZ_Rep2_peak_44121	29
43863263	43865981	H2AZ_Rep2_peak_44122	27
43873544	43874423	H2AZ_Rep2_peak_44123	18
43876679	43878708	H2AZ_Rep2_peak_44124	126
43908350	43910226	H2AZ_Rep2_peak_44125	82
43945553	43946779	H2AZ_Rep2_peak_44127	32
43965427	43966868	H2AZ_Rep2_peak_44128	250
44058451	44060293	H2AZ_Rep2_peak_44129	45
44082228	44084982	H2AZ_Rep2_peak_44130	125
44121497	44122749	H2AZ_Rep2_peak_44131	66
44127594	44128866	H2AZ_Rep2_peak_44132	38
44162359	44163916	H2AZ_Rep2_peak_44134	90
44240567	44241561	H2AZ_Rep2_peak_44139	40
44280366	44281421	H2AZ_Rep2_peak_44140	70
44529527	44531161	H2AZ_Rep2_peak_44144	165
44550909	44552204	H2AZ_Rep2_peak_44145	26
44582040	44584138	H2AZ_Rep2_peak_44148	22
44587399	44587774	H2AZ_Rep2_peak_44149	33
44613060	44614547	H2AZ_Rep2_peak_44150	67
44621154	44622558	H2AZ_Rep2_peak_44151	85
44627922	44629305	H2AZ_Rep2_peak_44152	29

44635549	44636188	H2AZ_Rep2_peak_44153	42
44645266	44647247	H2AZ_Rep2_peak_44154	67
44766167	44767628	H2AZ_Rep2_peak_44157	71
44787204	44789195	H2AZ_Rep2_peak_44161	32
44835443	44836059	H2AZ_Rep2_peak_44162	126
44887042	44888651	H2AZ_Rep2_peak_44163	77
44896603	44896973	H2AZ_Rep2_peak_44164	28
44924706	44925914	H2AZ_Rep2_peak_44165	51
44952156	44953023	H2AZ_Rep2_peak_44166	43
44961350	44962090	H2AZ_Rep2_peak_44167	70
45017399	45019403	H2AZ_Rep2_peak_44169	37
45025854	45026698	H2AZ_Rep2_peak_44170	35
45029841	45030697	H2AZ_Rep2_peak_44171	25
45038133	45039177	H2AZ_Rep2_peak_44172	27
45122351	45123079	H2AZ_Rep2_peak_44173	30
45131701	45132844	H2AZ_Rep2_peak_44174	101
45150833	45151721	H2AZ_Rep2_peak_44175	95
45193018	45194741	H2AZ_Rep2_peak_44179	42
45808131	45809241	H2AZ_Rep2_peak_44185	74
45913808	45915607	H2AZ_Rep2_peak_44186	30
45920108	45922104	H2AZ_Rep2_peak_44187	40
45924421	45927158	H2AZ_Rep2_peak_44188	59
45959591	45960964	H2AZ_Rep2_peak_44190	58
46017155	46018676	H2AZ_Rep2_peak_44194	51
46244704	46246185	H2AZ_Rep2_peak_44201	64
46296231	46297813	H2AZ_Rep2_peak_44205	43
46329555	46332786	H2AZ_Rep2_peak_44207	39
46389823	46390319	H2AZ_Rep2_peak_44209	18
46550717	46553897	H2AZ_Rep2_peak_44213	23
46596910	46599045	H2AZ_Rep2_peak_44219	37
46608546	46609347	H2AZ_Rep2_peak_44220	52
46825695	46826342	H2AZ_Rep2_peak_44226	13
46921253	46921617	H2AZ_Rep2_peak_44232	29
46948436	46949924	H2AZ_Rep2_peak_44233	30
46968591	46970582	H2AZ_Rep2_peak_44234	18
46972437	46974308	H2AZ_Rep2_peak_44235	18
47008648	47010116	H2AZ_Rep2_peak_44237	42
47011711	47012265	H2AZ_Rep2_peak_44238	42
47127616	47130285	H2AZ_Rep2_peak_44242	31
47140132	47141452	H2AZ_Rep2_peak_44243	18
47218827	47220424	H2AZ_Rep2_peak_44246	13
47293121	47295981	H2AZ_Rep2_peak_44253	44
47419394	47420455	H2AZ_Rep2_peak_44256	32

47444733	47445939	H2AZ_Rep2_peak_44257	19
47620482	47622170	H2AZ_Rep2_peak_44260	67
47626454	47627340	H2AZ_Rep2_peak_44261	24
47630996	47632349	H2AZ_Rep2_peak_44262	74
47636054	47637956	H2AZ_Rep2_peak_44263	40
47639574	47642379	H2AZ_Rep2_peak_44264	77
47644343	47645816	H2AZ_Rep2_peak_44265	37
47674758	47676173	H2AZ_Rep2_peak_44267	24
47693203	47694237	H2AZ_Rep2_peak_44269	66
47708538	47709992	H2AZ_Rep2_peak_44271	119
47715540	47716151	H2AZ_Rep2_peak_44273	16
47763800	47764956	H2AZ_Rep2_peak_44276	28
47802411	47803437	H2AZ_Rep2_peak_44278	91
47826949	47827521	H2AZ_Rep2_peak_44280	12
47823094	47825219	H2AZ_Rep2_peak_44279	15
47884708	47886399	H2AZ_Rep2_peak_44284	26
47940952	47941713	H2AZ_Rep2_peak_44287	64
47980430	47981786	H2AZ_Rep2_peak_44289	40
48018511	48019685	H2AZ_Rep2_peak_44290	44
48092325	48092678	H2AZ_Rep2_peak_44291	26
48113135	48114143	H2AZ_Rep2_peak_44292	35
48122518	48124799	H2AZ_Rep2_peak_44293	32
48127714	48129575	H2AZ_Rep2_peak_44294	79
50108135	50110046	H2AZ_Rep2_peak_44299	59
50517560	50518896	H2AZ_Rep2_peak_44305	94
50534589	50536518	H2AZ_Rep2_peak_44307	117
50564033	50567167	H2AZ_Rep2_peak_44308	72
50602135	50603666	H2AZ_Rep2_peak_44310	102
50859745	50860520	H2AZ_Rep2_peak_44313	51
50888810	50891012	H2AZ_Rep2_peak_44315	70
50893420	50895597	H2AZ_Rep2_peak_44316	38
51020916	51022768	H2AZ_Rep2_peak_44323	46
51383253	51385241	H2AZ_Rep2_peak_44327	54
51386927	51388606	H2AZ_Rep2_peak_44328	37
51392011	51396512	H2AZ_Rep2_peak_44329	45
51417713	51420573	H2AZ_Rep2_peak_44330	44
51844172	51844621	H2AZ_Rep2_peak_44336	16
52085713	52086945	H2AZ_Rep2_peak_44337	51
54421676	54422763	H2AZ_Rep2_peak_44346	18
54614337	54614835	H2AZ_Rep2_peak_44347	40
54826292	54828203	H2AZ_Rep2_peak_44351	85
54841003	54842357	H2AZ_Rep2_peak_44352	75
54852897	54853255	H2AZ_Rep2_peak_44354	28

54855713	54856886	H2AZ_Rep2_peak_44355	36
54877955	54880044	H2AZ_Rep2_peak_44358	114
54891475	54891843	H2AZ_Rep2_peak_44360	33
54905371	54907904	H2AZ_Rep2_peak_44361	37
54909581	54912282	H2AZ_Rep2_peak_44362	81
55011624	55012004	H2AZ_Rep2_peak_44366	41
55035244	55037135	H2AZ_Rep2_peak_44367	17
55053317	55053898	H2AZ_Rep2_peak_44369	71
55085259	55088927	H2AZ_Rep2_peak_44370	27
55312096	55313465	H2AZ_Rep2_peak_44373	34
55315339	55315807	H2AZ_Rep2_peak_44374	26
55321755	55323935	H2AZ_Rep2_peak_44376	130
55432904	55434937	H2AZ_Rep2_peak_44378	142
55638908	55641151	H2AZ_Rep2_peak_44380	108
55661081	55662254	H2AZ_Rep2_peak_44381	29
55894609	55895477	H2AZ_Rep2_peak_44382	19
55954573	55956300	H2AZ_Rep2_peak_44384	65
56018701	56020214	H2AZ_Rep2_peak_44385	84
56031539	56033084	H2AZ_Rep2_peak_44386	67
56101221	56103025	H2AZ_Rep2_peak_44388	105
56118236	56120089	H2AZ_Rep2_peak_44389	47
56131419	56133032	H2AZ_Rep2_peak_44390	39
56173644	56175088	H2AZ_Rep2_peak_44392	53
64022961	64024435	H2AZ_Rep2_peak_44399	84
64125889	64127048	H2AZ_Rep2_peak_44401	98
64253768	64255416	H2AZ_Rep2_peak_44402	93
64362946	64364238	H2AZ_Rep2_peak_44403	105
64466492	64467798	H2AZ_Rep2_peak_44404	91
64498698	64499711	H2AZ_Rep2_peak_44405	28
64541185	64542055	H2AZ_Rep2_peak_44406	78
64790682	64791177	H2AZ_Rep2_peak_44407	56
64837461	64839706	H2AZ_Rep2_peak_44408	110
65214762	65216695	H2AZ_Rep2_peak_44410	177
65235401	65236405	H2AZ_Rep2_peak_44411	63
65338925	65339225	H2AZ_Rep2_peak_44413	15
65446031	65450768	H2AZ_Rep2_peak_44414	111
65512490	65513126	H2AZ_Rep2_peak_44417	46
65518221	65519303	H2AZ_Rep2_peak_44419	17
65515586	65516933	H2AZ_Rep2_peak_44418	96
65540225	65541720	H2AZ_Rep2_peak_44420	119
65564614	65565575	H2AZ_Rep2_peak_44421	86
65579489	65580671	H2AZ_Rep2_peak_44422	94
65669456	65671514	H2AZ_Rep2_peak_44425	101

65821063	65821743	H2AZ_Rep2_peak_44427	34
65958056	65959435	H2AZ_Rep2_peak_44428	139
66056669	66058665	H2AZ_Rep2_peak_44429	61
66092717	66094922	H2AZ_Rep2_peak_44431	86
66118327	66120360	H2AZ_Rep2_peak_44433	54
66146426	66148112	H2AZ_Rep2_peak_44434	112
66204887	66206301	H2AZ_Rep2_peak_44435	42
66309224	66310920	H2AZ_Rep2_peak_44437	136
66385583	66387071	H2AZ_Rep2_peak_44438	354
66460041	66462412	H2AZ_Rep2_peak_44440	64
66766679	66768259	H2AZ_Rep2_peak_44441	95
72298200	72300848	H2AZ_Rep2_peak_44447	52
72395117	72396109	H2AZ_Rep2_peak_44449	60
72722157	72723639	H2AZ_Rep2_peak_44450	34
72738011	72738531	H2AZ_Rep2_peak_44451	22
72755738	72757187	H2AZ_Rep2_peak_44453	37
72771984	72773246	H2AZ_Rep2_peak_44454	35
72847658	72848567	H2AZ_Rep2_peak_44456	45
72936245	72937412	H2AZ_Rep2_peak_44457	46
72972010	72972669	H2AZ_Rep2_peak_44458	157
72973973	72975051	H2AZ_Rep2_peak_44459	88
72992215	72993811	H2AZ_Rep2_peak_44460	43
73001292	73002681	H2AZ_Rep2_peak_44461	171
73037208	73039041	H2AZ_Rep2_peak_44463	60
73050466	73052154	H2AZ_Rep2_peak_44464	48
73061705	73063269	H2AZ_Rep2_peak_44465	61
73097068	73098625	H2AZ_Rep2_peak_44466	132
73152477	73154042	H2AZ_Rep2_peak_44469	79
73184634	73185444	H2AZ_Rep2_peak_44470	22
73223318	73224446	H2AZ_Rep2_peak_44471	154
73235797	73237718	H2AZ_Rep2_peak_44473	32
73241582	73242745	H2AZ_Rep2_peak_44474	40
73244660	73248304	H2AZ_Rep2_peak_44475	50
73256469	73257399	H2AZ_Rep2_peak_44476	80
73269950	73270619	H2AZ_Rep2_peak_44478	58
73294021	73295287	H2AZ_Rep2_peak_44479	51
73308507	73309883	H2AZ_Rep2_peak_44481	38
73314033	73314446	H2AZ_Rep2_peak_44482	41
73416765	73418590	H2AZ_Rep2_peak_44485	110
73440930	73441562	H2AZ_Rep2_peak_44487	24
73473977	73476902	H2AZ_Rep2_peak_44488	70
73473977	73476902	H2AZ_Rep2_peak_44488	70
73497480	73499866	H2AZ_Rep2_peak_44490	44

73586600	73589288 H2AZ_Rep2_peak_44494	88
73620736	73622215 H2AZ_Rep2_peak_44495	55
73623520	73624712 H2AZ_Rep2_peak_44496	67
73668264	73669641 H2AZ_Rep2_peak_44497	141
73684090	73684560 H2AZ_Rep2_peak_44498	59
73693533	73695708 H2AZ_Rep2_peak_44500	56
73698974	73699729 H2AZ_Rep2_peak_44501	39
73702547	73704357 H2AZ_Rep2_peak_44502	59
73725975	73727285 H2AZ_Rep2_peak_44504	86
73785660	73786482 H2AZ_Rep2_peak_44507	27
73831691	73832507 H2AZ_Rep2_peak_44508	99
73843297	73844086 H2AZ_Rep2_peak_44509	66
73865747	73867508 H2AZ_Rep2_peak_44510	36
74020161	74021448 H2AZ_Rep2_peak_44514	64
74024926	74027240 H2AZ_Rep2_peak_44515	59
74024926	74027240 H2AZ_Rep2_peak_44515	59
74030907	74032137 H2AZ_Rep2_peak_44516	35
74042019	74042823 H2AZ_Rep2_peak_44517	55
74049729	74052399 H2AZ_Rep2_peak_44519	55
74069457	74072292 H2AZ_Rep2_peak_44521	72
74488375	74490124 H2AZ_Rep2_peak_44522	84
75157056	75158045 H2AZ_Rep2_peak_44524	78
75194273	75194916 H2AZ_Rep2_peak_44526	38
75225834	75227399 H2AZ_Rep2_peak_44527	63
75267683	75269582 H2AZ_Rep2_peak_44528	70
75279045	75280382 H2AZ_Rep2_peak_44529	40
75357148	75357856 H2AZ_Rep2_peak_44530	203
75362036	75364594 H2AZ_Rep2_peak_44531	39
75367291	75370681 H2AZ_Rep2_peak_44532	94
75401371	75402137 H2AZ_Rep2_peak_44533	50
75408964	75410416 H2AZ_Rep2_peak_44534	29
75420589	75421642 H2AZ_Rep2_peak_44536	84
75452293	75453071 H2AZ_Rep2_peak_44538	34
75471889	75473205 H2AZ_Rep2_peak_44539	72
75495570	75496779 H2AZ_Rep2_peak_44540	33
75507306	75509369 H2AZ_Rep2_peak_44541	150
75535209	75536747 H2AZ_Rep2_peak_44542	28
75543680	75545174 H2AZ_Rep2_peak_44543	107
75622689	75624463 H2AZ_Rep2_peak_44546	64
75676571	75678151 H2AZ_Rep2_peak_44547	93
75719040	75719486 H2AZ_Rep2_peak_44549	50
75795295	75796574 H2AZ_Rep2_peak_44550	133
75807238	75808059 H2AZ_Rep2_peak_44551	107

75920346	75921794	H2AZ_Rep2_peak_44555	84
75923029	75924586	H2AZ_Rep2_peak_44556	65
75926251	75927175	H2AZ_Rep2_peak_44557	58
75931367	75933347	H2AZ_Rep2_peak_44558	63
75936262	75936917	H2AZ_Rep2_peak_44559	65
75939737	75940269	H2AZ_Rep2_peak_44560	62
75943497	75945053	H2AZ_Rep2_peak_44561	31
75946688	75948237	H2AZ_Rep2_peak_44562	99
75987630	75989690	H2AZ_Rep2_peak_44563	56
75993350	75995760	H2AZ_Rep2_peak_44564	148
76002308	76003733	H2AZ_Rep2_peak_44566	130
76008800	76010328	H2AZ_Rep2_peak_44567	33
76018278	76019365	H2AZ_Rep2_peak_44568	38
76022009	76023419	H2AZ_Rep2_peak_44569	112
76024658	76027827	H2AZ_Rep2_peak_44570	102
76139323	76139796	H2AZ_Rep2_peak_44571	18
76141399	76143219	H2AZ_Rep2_peak_44572	64
76145287	76145784	H2AZ_Rep2_peak_44573	71
76178211	76178968	H2AZ_Rep2_peak_44574	28
76751068	76752263	H2AZ_Rep2_peak_44575	52
76935577	76936333	H2AZ_Rep2_peak_44577	43
76955728	76959812	H2AZ_Rep2_peak_44578	35
76955728	76959812	H2AZ_Rep2_peak_44578	35
77045252	77046654	H2AZ_Rep2_peak_44583	45
77128014	77128426	H2AZ_Rep2_peak_44588	16
77165567	77167793	H2AZ_Rep2_peak_44589	114
77324890	77327111	H2AZ_Rep2_peak_44590	102
77426880	77429154	H2AZ_Rep2_peak_44591	153
77463540	77464276	H2AZ_Rep2_peak_44592	58
79133945	79134586	H2AZ_Rep2_peak_44595	24
79183138	79183698	H2AZ_Rep2_peak_44597	26
79707377	79707900	H2AZ_Rep2_peak_44601	44
79763529	79765507	H2AZ_Rep2_peak_44604	53
79906453	79909429	H2AZ_Rep2_peak_44606	16
80099653	80100165	H2AZ_Rep2_peak_44610	18
80101590	80103477	H2AZ_Rep2_peak_44611	26
80110008	80110330	H2AZ_Rep2_peak_44612	18
80214161	80214636	H2AZ_Rep2_peak_44615	35
80223493	80224051	H2AZ_Rep2_peak_44616	25
80244063	80244748	H2AZ_Rep2_peak_44617	59
80547630	80549004	H2AZ_Rep2_peak_44620	61
80802784	80803745	H2AZ_Rep2_peak_44622	128
81043811	81044227	H2AZ_Rep2_peak_44624	20

81098912	81099900	H2AZ_Rep2_peak_44625	45
81128673	81129028	H2AZ_Rep2_peak_44626	26
81306038	81306420	H2AZ_Rep2_peak_44629	56
81333833	81334961	H2AZ_Rep2_peak_44632	20
82071400	82074160	H2AZ_Rep2_peak_44636	129
82200929	82202179	H2AZ_Rep2_peak_44638	39
83651998	83652444	H2AZ_Rep2_peak_44639	24
83671307	83671936	H2AZ_Rep2_peak_44640	37
83690366	83690675	H2AZ_Rep2_peak_44641	15
83821103	83821551	H2AZ_Rep2_peak_44642	16
83823572	83825732	H2AZ_Rep2_peak_44643	64
83865137	83865686	H2AZ_Rep2_peak_44644	28
84326067	84326378	H2AZ_Rep2_peak_44647	36
84545468	84546031	H2AZ_Rep2_peak_44651	23
84581655	84583017	H2AZ_Rep2_peak_44652	19
85349167	85349809	H2AZ_Rep2_peak_44656	31
86668388	86669053	H2AZ_Rep2_peak_44660	82
86688172	86689797	H2AZ_Rep2_peak_44661	78
86780409	86782172	H2AZ_Rep2_peak_44663	109
86848260	86850768	H2AZ_Rep2_peak_44664	150
86946590	86949005	H2AZ_Rep2_peak_44666	178
86946590	86949005	H2AZ_Rep2_peak_44666	178
86974143	86975785	H2AZ_Rep2_peak_44667	99
87094392	87094692	H2AZ_Rep2_peak_44668	18
87134600	87136315	H2AZ_Rep2_peak_44669	17
87504723	87506916	H2AZ_Rep2_peak_44672	74
87562879	87564155	H2AZ_Rep2_peak_44673	24
87650526	87651270	H2AZ_Rep2_peak_44674	29
87847707	87850612	H2AZ_Rep2_peak_44678	111
87883838	87885517	H2AZ_Rep2_peak_44679	30
87921187	87921647	H2AZ_Rep2_peak_44680	31
87938796	87942969	H2AZ_Rep2_peak_44682	26
87987076	87987552	H2AZ_Rep2_peak_44683	18
88084368	88085443	H2AZ_Rep2_peak_44685	19
89807950	89809837	H2AZ_Rep2_peak_44691	50
89868319	89869485	H2AZ_Rep2_peak_44692	29
89873229	89875289	H2AZ_Rep2_peak_44693	259
89974672	89977312	H2AZ_Rep2_peak_44694	150
90032122	90033778	H2AZ_Rep2_peak_44695	140
90084593	90085649	H2AZ_Rep2_peak_44696	13
90091966	90093209	H2AZ_Rep2_peak_44697	26
90103178	90104271	H2AZ_Rep2_peak_44698	50
90223994	90228708	H2AZ_Rep2_peak_44700	70



90891693	90895061	H2AZ_Rep2_peak_44702	107
91186280	91187945	H2AZ_Rep2_peak_44704	29
91509365	91510845	H2AZ_Rep2_peak_44709	137
91569129	91571041	H2AZ_Rep2_peak_44711	148
91762672	91765542	H2AZ_Rep2_peak_44712	122
91874042	91876379	H2AZ_Rep2_peak_44714	131
92051847	92055471	H2AZ_Rep2_peak_44715	158
92075285	92078238	H2AZ_Rep2_peak_44718	47
92090420	92091415	H2AZ_Rep2_peak_44719	51
92156570	92158682	H2AZ_Rep2_peak_44720	177
92218872	92219838	H2AZ_Rep2_peak_44721	44
92274862	92275576	H2AZ_Rep2_peak_44723	46
92324671	92325554	H2AZ_Rep2_peak_44724	59
92438694	92439564	H2AZ_Rep2_peak_44726	20
92461691	92466758	H2AZ_Rep2_peak_44727	87
92533600	92535711	H2AZ_Rep2_peak_44728	60
92672375	92673907	H2AZ_Rep2_peak_44737	157
92675777	92676332	H2AZ_Rep2_peak_44738	36
92745254	92749315	H2AZ_Rep2_peak_44741	53
92776290	92780459	H2AZ_Rep2_peak_44742	53
92832174	92833228	H2AZ_Rep2_peak_44744	22
92857930	92858577	H2AZ_Rep2_peak_44746	28
92860739	92862350	H2AZ_Rep2_peak_44747	193
93550540	93553729	H2AZ_Rep2_peak_44751	78
93550540	93553729	H2AZ_Rep2_peak_44751	78
93632704	93635904	H2AZ_Rep2_peak_44752	160
93716861	93717368	H2AZ_Rep2_peak_44755	26
93811334	93812656	H2AZ_Rep2_peak_44756	57
93929719	93931345	H2AZ_Rep2_peak_44760	29
94065493	94065965	H2AZ_Rep2_peak_44763	25
94138428	94140342	H2AZ_Rep2_peak_44764	150
94284194	94287195	H2AZ_Rep2_peak_44765	118
94378837	94379261	H2AZ_Rep2_peak_44767	20
94536050	94538399	H2AZ_Rep2_peak_44768	120
94875634	94876839	H2AZ_Rep2_peak_44770	77
94891510	94895403	H2AZ_Rep2_peak_44771	43
94930638	94932894	H2AZ_Rep2_peak_44772	33
94937999	94938577	H2AZ_Rep2_peak_44773	19
95063622	95065877	H2AZ_Rep2_peak_44776	141
95105224	95106368	H2AZ_Rep2_peak_44778	44
95141152	95141567	H2AZ_Rep2_peak_44781	33
95154279	95157885	H2AZ_Rep2_peak_44782	32
95154279	95157885	H2AZ_Rep2_peak_44782	32

95174452	95175321	H2AZ_Rep2_peak_44783	55
95179004	95180247	H2AZ_Rep2_peak_44784	67
95225116	95228691	H2AZ_Rep2_peak_44786	112
95237166	95239454	H2AZ_Rep2_peak_44787	54
95311975	95314022	H2AZ_Rep2_peak_44789	31
95315268	95318641	H2AZ_Rep2_peak_44790	28
95320005	95320334	H2AZ_Rep2_peak_44791	15
95950377	95951961	H2AZ_Rep2_peak_44794	103
96338379	96340097	H2AZ_Rep2_peak_44796	149
96744298	96747940	H2AZ_Rep2_peak_44799	115
97500803	97503197	H2AZ_Rep2_peak_44801	89
97600715	97602311	H2AZ_Rep2_peak_44802	146
97735475	97737017	H2AZ_Rep2_peak_44805	69
97792789	97794375	H2AZ_Rep2_peak_44806	29
97880308	97882210	H2AZ_Rep2_peak_44808	143
97909955	97911957	H2AZ_Rep2_peak_44809	113
97913762	97914189	H2AZ_Rep2_peak_44810	32
97984088	97984533	H2AZ_Rep2_peak_44811	40
97990034	97990449	H2AZ_Rep2_peak_44812	51
98000390	98001070	H2AZ_Rep2_peak_44813	41
98029406	98031074	H2AZ_Rep2_peak_44814	43
98046451	98050473	H2AZ_Rep2_peak_44815	57
98475271	98477441	H2AZ_Rep2_peak_44820	59
98740534	98742652	H2AZ_Rep2_peak_44822	107
98798603	98799043	H2AZ_Rep2_peak_44824	18
98807673	98809858	H2AZ_Rep2_peak_44826	30
98821619	98824533	H2AZ_Rep2_peak_44827	59
98871332	98872362	H2AZ_Rep2_peak_44829	144
98910255	98911047	H2AZ_Rep2_peak_44830	21
98922759	98924147	H2AZ_Rep2_peak_44831	86
99005615	99007239	H2AZ_Rep2_peak_44833	85
99035912	99037169	H2AZ_Rep2_peak_44834	69
99063156	99064328	H2AZ_Rep2_peak_44835	106
99068820	99071319	H2AZ_Rep2_peak_44836	59
99097209	99098593	H2AZ_Rep2_peak_44837	158
99101654	99104184	H2AZ_Rep2_peak_44838	96
99149389	99150275	H2AZ_Rep2_peak_44839	61
99155482	99157084	H2AZ_Rep2_peak_44840	227
99213412	99215080	H2AZ_Rep2_peak_44841	207
99516445	99517744	H2AZ_Rep2_peak_44845	115
99526755	99527935	H2AZ_Rep2_peak_44846	43
99612412	99613853	H2AZ_Rep2_peak_44851	112
99645379	99648237	H2AZ_Rep2_peak_44852	157

99678595	99679964	H2AZ_Rep2_peak_44853	52
99684505	99687359	H2AZ_Rep2_peak_44854	117
99698851	99700108	H2AZ_Rep2_peak_44855	27
99716264	99718379	H2AZ_Rep2_peak_44856	112
99723988	99725885	H2AZ_Rep2_peak_44857	91
99728222	99728884	H2AZ_Rep2_peak_44858	83
99738773	99739539	H2AZ_Rep2_peak_44860	97
99745811	99747329	H2AZ_Rep2_peak_44861	126
99756075	99757605	H2AZ_Rep2_peak_44862	60
99760680	99761703	H2AZ_Rep2_peak_44863	26
99774316	99775656	H2AZ_Rep2_peak_44864	60
99843826	99846009	H2AZ_Rep2_peak_44865	70
99869471	99870500	H2AZ_Rep2_peak_44867	44
100025477	100027455	H2AZ_Rep2_peak_44868	120
100034307	100034666	H2AZ_Rep2_peak_44869	35
100036949	100037835	H2AZ_Rep2_peak_44870	50
100040745	100043037	H2AZ_Rep2_peak_44871	113
100047747	100048845	H2AZ_Rep2_peak_44872	141
100076075	100077467	H2AZ_Rep2_peak_44875	49
100080298	100082210	H2AZ_Rep2_peak_44876	91
100100100	100102610	H2AZ_Rep2_peak_44877	103
100111797	100115249	H2AZ_Rep2_peak_44878	34
100135998	100137665	H2AZ_Rep2_peak_44880	93
100142815	100144451	H2AZ_Rep2_peak_44881	31
100182318	100185015	H2AZ_Rep2_peak_44882	84
100201500	100203610	H2AZ_Rep2_peak_44883	33
100208381	100210837	H2AZ_Rep2_peak_44884	48
100229461	100231694	H2AZ_Rep2_peak_44885	122
100270579	100272222	H2AZ_Rep2_peak_44886	71
100291083	100292600	H2AZ_Rep2_peak_44887	26
100302581	100304902	H2AZ_Rep2_peak_44888	121
100323292	100323834	H2AZ_Rep2_peak_44889	69
100391479	100392638	H2AZ_Rep2_peak_44891	62
100397048	100397451	H2AZ_Rep2_peak_44892	30
100411484	100411791	H2AZ_Rep2_peak_44893	36
100423898	100425822	H2AZ_Rep2_peak_44894	79
100433894	100435446	H2AZ_Rep2_peak_44895	30
100449449	100450971	H2AZ_Rep2_peak_44896	88
100463164	100466112	H2AZ_Rep2_peak_44897	57
100472041	100473401	H2AZ_Rep2_peak_44898	44
100486874	100488406	H2AZ_Rep2_peak_44899	91
100727972	100729377	H2AZ_Rep2_peak_44906	86
100742903	100744089	H2AZ_Rep2_peak_44907	66

100746558	100748417	H2AZ_Rep2_peak_44908	64
100760368	100761900	H2AZ_Rep2_peak_44909	31
100765283	100766389	H2AZ_Rep2_peak_44910	27
100769346	100771696	H2AZ_Rep2_peak_44911	132
100781061	100782085	H2AZ_Rep2_peak_44912	47
100787047	100787531	H2AZ_Rep2_peak_44913	45
100797318	100798708	H2AZ_Rep2_peak_44914	21
100806298	100807705	H2AZ_Rep2_peak_44915	46
100812697	100813343	H2AZ_Rep2_peak_44916	21
100816233	100817722	H2AZ_Rep2_peak_44917	62
100835485	100836092	H2AZ_Rep2_peak_44919	61
100859901	100862135	H2AZ_Rep2_peak_44920	98
100887036	100888916	H2AZ_Rep2_peak_44921	152
100894995	100896474	H2AZ_Rep2_peak_44922	90
100925901	100926538	H2AZ_Rep2_peak_44923	72
100951522	100952561	H2AZ_Rep2_peak_44924	41
100964405	100965885	H2AZ_Rep2_peak_44925	130
101006971	101007588	H2AZ_Rep2_peak_44926	49
101171241	101171957	H2AZ_Rep2_peak_44929	19
101245215	101246549	H2AZ_Rep2_peak_44933	27
101331377	101332778	H2AZ_Rep2_peak_44936	72
101360646	101362275	H2AZ_Rep2_peak_44939	63
101371439	101373558	H2AZ_Rep2_peak_44940	50
101376154	101378596	H2AZ_Rep2_peak_44941	45
101386522	101387443	H2AZ_Rep2_peak_44943	65
101397479	101398475	H2AZ_Rep2_peak_44944	72
101447738	101448446	H2AZ_Rep2_peak_44948	22
101456836	101461019	H2AZ_Rep2_peak_44949	66
101456836	101461019	H2AZ_Rep2_peak_44949	66
101706960	101708501	H2AZ_Rep2_peak_44952	74
101736657	101738034	H2AZ_Rep2_peak_44953	48
101740118	101742493	H2AZ_Rep2_peak_44954	48
101768242	101768933	H2AZ_Rep2_peak_44957	73
101915525	101917852	H2AZ_Rep2_peak_44958	65
101928618	101931538	H2AZ_Rep2_peak_44959	103
102003764	102004623	H2AZ_Rep2_peak_44960	28
102036206	102037496	H2AZ_Rep2_peak_44961	48
102073538	102074662	H2AZ_Rep2_peak_44962	61
102080786	102081248	H2AZ_Rep2_peak_44963	60
102104522	102106645	H2AZ_Rep2_peak_44964	198
102212617	102213040	H2AZ_Rep2_peak_44965	61
102353716	102354016	H2AZ_Rep2_peak_44966	26
102388702	102390069	H2AZ_Rep2_peak_44967	66

102512568	102513011	H2AZ_Rep2_peak_44968	16
102618633	102619470	H2AZ_Rep2_peak_44972	51
102629747	102634384	H2AZ_Rep2_peak_44973	20
102714236	102716470	H2AZ_Rep2_peak_44974	129
102788568	102791090	H2AZ_Rep2_peak_44975	131
102937170	102938411	H2AZ_Rep2_peak_44976	109
102984275	102988570	H2AZ_Rep2_peak_44977	112
103046694	103047227	H2AZ_Rep2_peak_44979	14
103319937	103321632	H2AZ_Rep2_peak_44980	28
103359120	103360180	H2AZ_Rep2_peak_44981	62
103847727	103849233	H2AZ_Rep2_peak_44983	176
104524229	104524681	H2AZ_Rep2_peak_44987	23
104623971	104625094	H2AZ_Rep2_peak_44990	49
104652743	104655868	H2AZ_Rep2_peak_44991	41
104909107	104910286	H2AZ_Rep2_peak_44992	25
105028388	105030062	H2AZ_Rep2_peak_44993	48
105041867	105042638	H2AZ_Rep2_peak_44994	43
105079752	105080451	H2AZ_Rep2_peak_44995	70
105161589	105163426	H2AZ_Rep2_peak_44996	160
105171846	105173485	H2AZ_Rep2_peak_44997	172
105331475	105332541	H2AZ_Rep2_peak_45000	55
105516210	105518320	H2AZ_Rep2_peak_45001	101
105681876	105683785	H2AZ_Rep2_peak_45005	48
105691149	105691676	H2AZ_Rep2_peak_45006	14
105697459	105699403	H2AZ_Rep2_peak_45007	56
105704815	105707460	H2AZ_Rep2_peak_45009	148
105752003	105753538	H2AZ_Rep2_peak_45012	85
105816459	105819575	H2AZ_Rep2_peak_45015	27
105816459	105819575	H2AZ_Rep2_peak_45015	27
105856257	105858466	H2AZ_Rep2_peak_45020	71
105924581	105926356	H2AZ_Rep2_peak_45022	89
106057512	106058225	H2AZ_Rep2_peak_45030	42
106065203	106067131	H2AZ_Rep2_peak_45031	69
106087901	106090076	H2AZ_Rep2_peak_45032	31
106101552	106103179	H2AZ_Rep2_peak_45033	19
106183760	106185969	H2AZ_Rep2_peak_45034	17
106208245	106211573	H2AZ_Rep2_peak_45035	64
106239272	106240882	H2AZ_Rep2_peak_45038	166
106249948	106250464	H2AZ_Rep2_peak_45039	26
106251764	106252754	H2AZ_Rep2_peak_45040	12
106299879	106302126	H2AZ_Rep2_peak_45041	57
106377118	106377668	H2AZ_Rep2_peak_45045	51
106419330	106420568	H2AZ_Rep2_peak_45048	50

106787586	106788876	H2AZ_Rep2_peak_45051	82
106807823	106810630	H2AZ_Rep2_peak_45053	82
107203677	107205293	H2AZ_Rep2_peak_45054	161
107219907	107221419	H2AZ_Rep2_peak_45055	73
107383051	107385054	H2AZ_Rep2_peak_45058	186
107530365	107532637	H2AZ_Rep2_peak_45064	156
107589186	107590226	H2AZ_Rep2_peak_45065	17
107642937	107644279	H2AZ_Rep2_peak_45067	108
107786512	107786812	H2AZ_Rep2_peak_45072	21
107833631	107834795	H2AZ_Rep2_peak_45073	36
107851311	107852571	H2AZ_Rep2_peak_45074	96
107886301	107888360	H2AZ_Rep2_peak_45075	70
107934786	107935419	H2AZ_Rep2_peak_45076	18
108165893	108168837	H2AZ_Rep2_peak_45079	80
108209481	108211246	H2AZ_Rep2_peak_45080	66
108446121	108446435	H2AZ_Rep2_peak_45085	38
108886460	108886949	H2AZ_Rep2_peak_45090	21
109286180	109288365	H2AZ_Rep2_peak_45096	30
109533364	109533799	H2AZ_Rep2_peak_45097	25
109759562	109760286	H2AZ_Rep2_peak_45103	33
109921352	109921855	H2AZ_Rep2_peak_45106	17
110213304	110216032	H2AZ_Rep2_peak_45111	52
110406888	110407578	H2AZ_Rep2_peak_45113	19
110777982	110778395	H2AZ_Rep2_peak_45114	23
111201562	111203167	H2AZ_Rep2_peak_45116	142
111640820	111641642	H2AZ_Rep2_peak_45120	63
111844134	111847754	H2AZ_Rep2_peak_45123	138
112024030	112024583	H2AZ_Rep2_peak_45126	13
112030536	112032972	H2AZ_Rep2_peak_45127	39
112062037	112063784	H2AZ_Rep2_peak_45128	24
112089694	112091720	H2AZ_Rep2_peak_45129	81
112127784	112128510	H2AZ_Rep2_peak_45130	18
112429496	112430914	H2AZ_Rep2_peak_45138	69
112579293	112580675	H2AZ_Rep2_peak_45141	62
112757712	112759534	H2AZ_Rep2_peak_45142	70
113513087	113513848	H2AZ_Rep2_peak_45150	11
113687722	113689851	H2AZ_Rep2_peak_45151	54
113724838	113727608	H2AZ_Rep2_peak_45152	137
114053860	114055097	H2AZ_Rep2_peak_45153	16
114142390	114143064	H2AZ_Rep2_peak_45154	13
114148220	114148670	H2AZ_Rep2_peak_45155	16
114293494	114294454	H2AZ_Rep2_peak_45156	31
114344103	114345088	H2AZ_Rep2_peak_45158	17

114459859	114460455	H2AZ_Rep2_peak_45161	69
114562058	114564055	H2AZ_Rep2_peak_45162	110
115670600	115671215	H2AZ_Rep2_peak_45173	90
115737278	115737726	H2AZ_Rep2_peak_45174	21
115850032	115851508	H2AZ_Rep2_peak_45176	27
115912344	115914081	H2AZ_Rep2_peak_45177	40
115994453	115996023	H2AZ_Rep2_peak_45179	37
116139120	116141572	H2AZ_Rep2_peak_45181	187
116151698	116152436	H2AZ_Rep2_peak_45182	31
116164388	116166827	H2AZ_Rep2_peak_45183	144
116216688	116217781	H2AZ_Rep2_peak_45185	38
116269208	116271788	H2AZ_Rep2_peak_45187	54
116269208	116271788	H2AZ_Rep2_peak_45187	54
116292692	116293610	H2AZ_Rep2_peak_45189	16
116311514	116313751	H2AZ_Rep2_peak_45191	69
116327839	116328182	H2AZ_Rep2_peak_45192	27
116355955	116357230	H2AZ_Rep2_peak_45193	20
116449970	116450309	H2AZ_Rep2_peak_45194	50
116501688	116502954	H2AZ_Rep2_peak_45197	49
116570512	116571628	H2AZ_Rep2_peak_45198	28
116591342	116594937	H2AZ_Rep2_peak_45199	73
116909285	116911624	H2AZ_Rep2_peak_45202	33
117171674	117172854	H2AZ_Rep2_peak_45206	11
117306317	117307041	H2AZ_Rep2_peak_45207	16
117315716	117316433	H2AZ_Rep2_peak_45208	71
117321926	117324005	H2AZ_Rep2_peak_45209	26
117343174	117344292	H2AZ_Rep2_peak_45212	27
117512819	117514142	H2AZ_Rep2_peak_45215	43
117823171	117824915	H2AZ_Rep2_peak_45219	75
120357221	120357892	H2AZ_Rep2_peak_45232	35
120365770	120366420	H2AZ_Rep2_peak_45234	13
120373381	120374405	H2AZ_Rep2_peak_45235	22
120382497	120383840	H2AZ_Rep2_peak_45236	15
120497039	120499082	H2AZ_Rep2_peak_45238	100
120589448	120591748	H2AZ_Rep2_peak_45241	65
120627916	120629989	H2AZ_Rep2_peak_45242	26
120640036	120640566	H2AZ_Rep2_peak_45243	20
120663727	120666499	H2AZ_Rep2_peak_45246	36
120672983	120673431	H2AZ_Rep2_peak_45247	31
120723760	120726250	H2AZ_Rep2_peak_45249	41
120952914	120954593	H2AZ_Rep2_peak_45252	60
120969810	120970582	H2AZ_Rep2_peak_45253	16
121034889	121037778	H2AZ_Rep2_peak_45254	102

121143393	121145524	H2AZ_Rep2_peak_45257	32
121170192	121170724	H2AZ_Rep2_peak_45258	31
121600970	121601545	H2AZ_Rep2_peak_45261	35
121776676	121778032	H2AZ_Rep2_peak_45264	69
121801304	121802152	H2AZ_Rep2_peak_45265	29
121877828	121878793	H2AZ_Rep2_peak_45267	33
122525953	122527402	H2AZ_Rep2_peak_45271	70
123173998	123175406	H2AZ_Rep2_peak_45279	136
123197129	123198579	H2AZ_Rep2_peak_45280	206
123220270	123221401	H2AZ_Rep2_peak_45281	30
123244884	123246481	H2AZ_Rep2_peak_45282	15
123284019	123284751	H2AZ_Rep2_peak_45285	32
123387879	123389830	H2AZ_Rep2_peak_45286	36
123438612	123440077	H2AZ_Rep2_peak_45288	54
123486228	123487154	H2AZ_Rep2_peak_45289	102
124288948	124290187	H2AZ_Rep2_peak_45300	30
124405379	124406256	H2AZ_Rep2_peak_45301	89
124569300	124571177	H2AZ_Rep2_peak_45302	76
124632634	124633860	H2AZ_Rep2_peak_45303	46
124777751	124778182	H2AZ_Rep2_peak_45304	21
125517510	125519352	H2AZ_Rep2_peak_45310	14
126051495	126052294	H2AZ_Rep2_peak_45311	17
126307461	126308693	H2AZ_Rep2_peak_45314	220
126368032	126369357	H2AZ_Rep2_peak_45315	116
126893720	126894231	H2AZ_Rep2_peak_45319	70
127031423	127033695	H2AZ_Rep2_peak_45320	66
127224726	127226475	H2AZ_Rep2_peak_45322	143
127227739	127229373	H2AZ_Rep2_peak_45323	99
127291154	127293027	H2AZ_Rep2_peak_45329	121
127775381	127777428	H2AZ_Rep2_peak_45330	29
127861684	127863218	H2AZ_Rep2_peak_45334	28
127872839	127877432	H2AZ_Rep2_peak_45335	44
127906762	127907647	H2AZ_Rep2_peak_45337	75
127983243	127984986	H2AZ_Rep2_peak_45338	111
128027152	128028359	H2AZ_Rep2_peak_45340	20
128044928	128046063	H2AZ_Rep2_peak_45341	72
128049045	128050844	H2AZ_Rep2_peak_45342	195
128095219	128096589	H2AZ_Rep2_peak_45345	181
128116308	128117387	H2AZ_Rep2_peak_45346	75
128364841	128366073	H2AZ_Rep2_peak_45349	25
128377983	128380497	H2AZ_Rep2_peak_45350	82
128431075	128431937	H2AZ_Rep2_peak_45351	58
128500950	128503757	H2AZ_Rep2_peak_45353	282



128509220	128509711	H2AZ_Rep2_peak_45354	39
128542718	128544958	H2AZ_Rep2_peak_45357	57
128694342	128695913	H2AZ_Rep2_peak_45358	175
128731397	128732133	H2AZ_Rep2_peak_45360	43
128750255	128751310	H2AZ_Rep2_peak_45361	110
128784221	128786667	H2AZ_Rep2_peak_45362	50
128863824	128866039	H2AZ_Rep2_peak_45367	142
129007290	129008832	H2AZ_Rep2_peak_45368	79
129073439	129075160	H2AZ_Rep2_peak_45369	131
129141586	129143364	H2AZ_Rep2_peak_45371	62
129250788	129252825	H2AZ_Rep2_peak_45376	104
129419101	129421217	H2AZ_Rep2_peak_45377	43
129464333	129466351	H2AZ_Rep2_peak_45379	132
129591950	129593152	H2AZ_Rep2_peak_45380	63
129597171	129599840	H2AZ_Rep2_peak_45381	89
129609068	129610932	H2AZ_Rep2_peak_45382	101
129613898	129615576	H2AZ_Rep2_peak_45383	55
129648522	129650851	H2AZ_Rep2_peak_45385	130
129690791	129692624	H2AZ_Rep2_peak_45386	116
129699401	129699846	H2AZ_Rep2_peak_45387	62
129709008	129711126	H2AZ_Rep2_peak_45389	93
129844558	129846264	H2AZ_Rep2_peak_45390	86
129930719	129931421	H2AZ_Rep2_peak_45394	19
129995568	129997937	H2AZ_Rep2_peak_45398	101
130003047	130003898	H2AZ_Rep2_peak_45399	92
130009073	130014585	H2AZ_Rep2_peak_45400	74
130080096	130082264	H2AZ_Rep2_peak_45401	84
130125347	130127932	H2AZ_Rep2_peak_45403	167
130352534	130354424	H2AZ_Rep2_peak_45404	117
130842347	130843714	H2AZ_Rep2_peak_45412	82
130858163	130858465	H2AZ_Rep2_peak_45413	28
130871643	130875858	H2AZ_Rep2_peak_45414	26
130909916	130911894	H2AZ_Rep2_peak_45416	81
130916011	130916627	H2AZ_Rep2_peak_45417	37
130919197	130920885	H2AZ_Rep2_peak_45418	22
131010306	131013424	H2AZ_Rep2_peak_45420	106
131239854	131243139	H2AZ_Rep2_peak_45423	40
131265728	131269079	H2AZ_Rep2_peak_45424	123
131270635	131273209	H2AZ_Rep2_peak_45425	56
131287510	131289805	H2AZ_Rep2_peak_45426	27
131303798	131306028	H2AZ_Rep2_peak_45428	74
131310299	131315589	H2AZ_Rep2_peak_45429	67
131310299	131315589	H2AZ_Rep2_peak_45429	67

131317279	131318940	H2AZ_Rep2_peak_45430	92
131337022	131340348	H2AZ_Rep2_peak_45431	49
131750166	131751287	H2AZ_Rep2_peak_45439	19
132765912	132767833	H2AZ_Rep2_peak_45441	177
132937310	132938637	H2AZ_Rep2_peak_45444	109
133811629	133813208	H2AZ_Rep2_peak_45445	188
133859243	133860520	H2AZ_Rep2_peak_45448	23
134000524	134002894	H2AZ_Rep2_peak_45450	99
134004454	134005436	H2AZ_Rep2_peak_45451	16
134042345	134043245	H2AZ_Rep2_peak_45453	92
134046503	134051207	H2AZ_Rep2_peak_45454	46
134106389	134108992	H2AZ_Rep2_peak_45456	33
134116477	134118189	H2AZ_Rep2_peak_45457	212
134142517	134145331	H2AZ_Rep2_peak_45460	91
134146568	134148075	H2AZ_Rep2_peak_45461	95
134158636	134159166	H2AZ_Rep2_peak_45462	26
134199340	134201041	H2AZ_Rep2_peak_45465	44
134205053	134207379	H2AZ_Rep2_peak_45466	18
134215367	134217291	H2AZ_Rep2_peak_45468	30
134231786	134232565	H2AZ_Rep2_peak_45469	45
134274464	134274878	H2AZ_Rep2_peak_45471	48
134278525	134279661	H2AZ_Rep2_peak_45472	45
134290958	134291856	H2AZ_Rep2_peak_45473	15
134298175	134299274	H2AZ_Rep2_peak_45474	36
134330637	134332493	H2AZ_Rep2_peak_45477	117
134450485	134453144	H2AZ_Rep2_peak_45481	29
134462682	134465537	H2AZ_Rep2_peak_45483	59
134571090	134573528	H2AZ_Rep2_peak_45485	27
134571090	134573528	H2AZ_Rep2_peak_45485	27
134575212	134577185	H2AZ_Rep2_peak_45486	44
134670593	134672118	H2AZ_Rep2_peak_45488	130
134832166	134833361	H2AZ_Rep2_peak_45489	61
134844778	134845318	H2AZ_Rep2_peak_45490	23
134854452	134857090	H2AZ_Rep2_peak_45491	66
134860987	134862315	H2AZ_Rep2_peak_45492	25
134895339	134897032	H2AZ_Rep2_peak_45493	179
134938492	134940187	H2AZ_Rep2_peak_45496	143
134976119	134977319	H2AZ_Rep2_peak_45500	22
135193696	135195996	H2AZ_Rep2_peak_45503	191
135241592	135243444	H2AZ_Rep2_peak_45505	228
135344536	135348150	H2AZ_Rep2_peak_45506	94
135398676	135401838	H2AZ_Rep2_peak_45507	64
135430104	135431429	H2AZ_Rep2_peak_45508	35

135485613	135486116	H2AZ_Rep2_peak_45512	46
135661264	135662968	H2AZ_Rep2_peak_45517	101
135664621	135668138	H2AZ_Rep2_peak_45518	38
135771480	135771964	H2AZ_Rep2_peak_45520	32
136090856	136091321	H2AZ_Rep2_peak_45528	47
136212358	136213421	H2AZ_Rep2_peak_45529	17
136362241	136362773	H2AZ_Rep2_peak_45531	33
137276298	137277096	H2AZ_Rep2_peak_45538	32
137663125	137663967	H2AZ_Rep2_peak_45545	21
137685080	137687931	H2AZ_Rep2_peak_45547	101
137693243	137693827	H2AZ_Rep2_peak_45549	107
137713872	137715458	H2AZ_Rep2_peak_45551	18
137773185	137774680	H2AZ_Rep2_peak_45552	42
137809823	137810359	H2AZ_Rep2_peak_45554	61
137846367	137846893	H2AZ_Rep2_peak_45555	31
137923662	137924710	H2AZ_Rep2_peak_45557	61
137942108	137942996	H2AZ_Rep2_peak_45558	73
137998699	137999223	H2AZ_Rep2_peak_45561	17
138044676	138045493	H2AZ_Rep2_peak_45562	39
138072854	138073957	H2AZ_Rep2_peak_45563	25
138144241	138146251	H2AZ_Rep2_peak_45564	38
138385393	138387800	H2AZ_Rep2_peak_45565	138
138389803	138391737	H2AZ_Rep2_peak_45566	106
138423239	138424032	H2AZ_Rep2_peak_45567	19
138434422	138435281	H2AZ_Rep2_peak_45568	28
138470640	138471192	H2AZ_Rep2_peak_45572	90
138575152	138577819	H2AZ_Rep2_peak_45575	52
138619415	138620741	H2AZ_Rep2_peak_45577	14
138663682	138666796	H2AZ_Rep2_peak_45578	45
138701804	138702368	H2AZ_Rep2_peak_45580	25
138719545	138721486	H2AZ_Rep2_peak_45581	140
138792755	138795075	H2AZ_Rep2_peak_45583	112
138796350	138797708	H2AZ_Rep2_peak_45584	36
138802949	138803823	H2AZ_Rep2_peak_45585	46
138817780	138819083	H2AZ_Rep2_peak_45586	154
138914980	138917281	H2AZ_Rep2_peak_45587	111
139023071	139027123	H2AZ_Rep2_peak_45590	81
139043449	139045603	H2AZ_Rep2_peak_45591	96
139141336	139142727	H2AZ_Rep2_peak_45593	86
139156350	139157072	H2AZ_Rep2_peak_45594	64
139164291	139164756	H2AZ_Rep2_peak_45595	23
139184563	139185294	H2AZ_Rep2_peak_45596	64
139475532	139478665	H2AZ_Rep2_peak_45603	55

139552918	139555163	H2AZ_Rep2_peak_45609	71
139614524	139616595	H2AZ_Rep2_peak_45611	36
139760341	139763447	H2AZ_Rep2_peak_45615	78
139865290	139865590	H2AZ_Rep2_peak_45616	16
139874880	139877818	H2AZ_Rep2_peak_45617	98
140015056	140016944	H2AZ_Rep2_peak_45620	115
140025666	140026490	H2AZ_Rep2_peak_45621	17
140097629	140098725	H2AZ_Rep2_peak_45622	37
140178393	140179935	H2AZ_Rep2_peak_45624	128
140184606	140185967	H2AZ_Rep2_peak_45625	67
140217361	140218323	H2AZ_Rep2_peak_45627	75
140241300	140242468	H2AZ_Rep2_peak_45629	122
140257741	140258102	H2AZ_Rep2_peak_45631	22
140266939	140267696	H2AZ_Rep2_peak_45633	41
140349517	140353310	H2AZ_Rep2_peak_45637	22
140356099	140357041	H2AZ_Rep2_peak_45638	63
140371905	140373474	H2AZ_Rep2_peak_45639	63
140395714	140397918	H2AZ_Rep2_peak_45640	136
140623395	140625719	H2AZ_Rep2_peak_45641	113
140672937	140673744	H2AZ_Rep2_peak_45642	15
140714203	140715624	H2AZ_Rep2_peak_45643	113
141250299	141252159	H2AZ_Rep2_peak_45645	133
141401464	141403346	H2AZ_Rep2_peak_45646	79
141436937	141438628	H2AZ_Rep2_peak_45647	116
142103260	142104201	H2AZ_Rep2_peak_45653	32
142115229	142116811	H2AZ_Rep2_peak_45655	51
142121651	142124290	H2AZ_Rep2_peak_45656	25
142130947	142131753	H2AZ_Rep2_peak_45657	24
142551684	142552429	H2AZ_Rep2_peak_45664	56
142654105	142654405	H2AZ_Rep2_peak_45667	21
142699935	142701307	H2AZ_Rep2_peak_45669	38
142959295	142961308	H2AZ_Rep2_peak_45673	138
142976460	142977402	H2AZ_Rep2_peak_45674	19
142980495	142986302	H2AZ_Rep2_peak_45675	64
142980495	142986302	H2AZ_Rep2_peak_45675	64
143028177	143028844	H2AZ_Rep2_peak_45676	99
143064867	143065665	H2AZ_Rep2_peak_45678	34
143067711	143069617	H2AZ_Rep2_peak_45679	32
143072293	143073233	H2AZ_Rep2_peak_45680	37
143076826	143077977	H2AZ_Rep2_peak_45681	42
143168952	143169914	H2AZ_Rep2_peak_45685	26
143182762	143185691	H2AZ_Rep2_peak_45686	32
143197090	143197702	H2AZ_Rep2_peak_45688	26

143209663	143209964	H2AZ_Rep2_peak_45690	30
143598332	143600143	H2AZ_Rep2_peak_45692	116
144087380	144089863	H2AZ_Rep2_peak_45696	27
144311276	144312088	H2AZ_Rep2_peak_45700	26
144532203	144533744	H2AZ_Rep2_peak_45703	118
144539142	144540000	H2AZ_Rep2_peak_45704	90
145340917	145342638	H2AZ_Rep2_peak_45705	23
146893742	146894802	H2AZ_Rep2_peak_45708	36
147530419	147530820	H2AZ_Rep2_peak_45710	33
147741941	147742363	H2AZ_Rep2_peak_45711	29
147959872	147960400	H2AZ_Rep2_peak_45712	14
148261281	148261760	H2AZ_Rep2_peak_45716	36
148395198	148397076	H2AZ_Rep2_peak_45720	31
148582088	148582522	H2AZ_Rep2_peak_45722	20
148580281	148580685	H2AZ_Rep2_peak_45721	16
148602429	148602755	H2AZ_Rep2_peak_45724	27
148636459	148639758	H2AZ_Rep2_peak_45725	101
148658809	148661385	H2AZ_Rep2_peak_45727	77
148662734	148664278	H2AZ_Rep2_peak_45728	54
148679835	148682724	H2AZ_Rep2_peak_45729	57
148684467	148685873	H2AZ_Rep2_peak_45730	161
148724637	148727031	H2AZ_Rep2_peak_45731	82
148761995	148763291	H2AZ_Rep2_peak_45733	57
148787277	148789077	H2AZ_Rep2_peak_45734	180
148822577	148825497	H2AZ_Rep2_peak_45735	116
148844001	148845793	H2AZ_Rep2_peak_45736	124
148891825	148894161	H2AZ_Rep2_peak_45737	100
148936031	148937455	H2AZ_Rep2_peak_45738	133
148958410	148959870	H2AZ_Rep2_peak_45739	103
149005643	149007278	H2AZ_Rep2_peak_45740	21
149119011	149119474	H2AZ_Rep2_peak_45741	79
149156627	149158700	H2AZ_Rep2_peak_45742	136
149194007	149195529	H2AZ_Rep2_peak_45743	35
149321015	149323928	H2AZ_Rep2_peak_45744	67
149411390	149413239	H2AZ_Rep2_peak_45745	42
149438856	149439872	H2AZ_Rep2_peak_45746	144
149468151	149469318	H2AZ_Rep2_peak_45747	46
149534863	149536366	H2AZ_Rep2_peak_45748	108
149551362	149552999	H2AZ_Rep2_peak_45749	25
150018215	150022515	H2AZ_Rep2_peak_45752	52
150066228	150066737	H2AZ_Rep2_peak_45753	34
150075235	150077359	H2AZ_Rep2_peak_45754	84
150117981	150118445	H2AZ_Rep2_peak_45757	25

150145490	150145881	H2AZ_Rep2_peak_45759	34
150382199	150383548	H2AZ_Rep2_peak_45760	46
150600764	150601555	H2AZ_Rep2_peak_45762	16
150708946	150710164	H2AZ_Rep2_peak_45764	45
150714901	150715769	H2AZ_Rep2_peak_45765	30
150723251	150726129	H2AZ_Rep2_peak_45766	55
150754157	150757977	H2AZ_Rep2_peak_45767	86
150777242	150785276	H2AZ_Rep2_peak_45768	66
150777242	150785276	H2AZ_Rep2_peak_45768	66
150777242	150785276	H2AZ_Rep2_peak_45768	66
150854520	150854857	H2AZ_Rep2_peak_45769	25
150923441	150925535	H2AZ_Rep2_peak_45771	96
150928680	150930445	H2AZ_Rep2_peak_45772	100
150944164	150946686	H2AZ_Rep2_peak_45773	74
150948282	150949734	H2AZ_Rep2_peak_45774	55
150973214	150974934	H2AZ_Rep2_peak_45775	72
151000621	151001130	H2AZ_Rep2_peak_45777	85
151010070	151011208	H2AZ_Rep2_peak_45778	28
151036902	151039207	H2AZ_Rep2_peak_45780	57
151083068	151084246	H2AZ_Rep2_peak_45782	69
151101479	151102018	H2AZ_Rep2_peak_45786	20
151120457	151127542	H2AZ_Rep2_peak_45789	45
151120457	151127542	H2AZ_Rep2_peak_45789	45
151138011	151140247	H2AZ_Rep2_peak_45791	21
151156473	151158170	H2AZ_Rep2_peak_45792	82
151216559	151217884	H2AZ_Rep2_peak_45793	83
151348489	151349049	H2AZ_Rep2_peak_45796	34
151384154	151387086	H2AZ_Rep2_peak_45797	56
151391767	151392751	H2AZ_Rep2_peak_45798	16
151409024	151409971	H2AZ_Rep2_peak_45799	35
151424360	151425324	H2AZ_Rep2_peak_45800	20
151433635	151434094	H2AZ_Rep2_peak_45801	34
151441854	151443047	H2AZ_Rep2_peak_45802	37
151479673	151480450	H2AZ_Rep2_peak_45803	37
151493196	151494972	H2AZ_Rep2_peak_45804	127
151572220	151575543	H2AZ_Rep2_peak_45806	75
151629520	151631774	H2AZ_Rep2_peak_45807	26
151721567	151723843	H2AZ_Rep2_peak_45812	118
152131390	152135462	H2AZ_Rep2_peak_45813	32
152159591	152162375	H2AZ_Rep2_peak_45814	80
152218618	152219449	H2AZ_Rep2_peak_45815	80
152237525	152238138	H2AZ_Rep2_peak_45816	67
152372131	152375082	H2AZ_Rep2_peak_45817	43

152396554	152397524	H2AZ_Rep2_peak_45818	88
152432410	152433796	H2AZ_Rep2_peak_45819	80
152456218	152457713	H2AZ_Rep2_peak_45821	149
154719425	154721034	H2AZ_Rep2_peak_45833	169
154793710	154795951	H2AZ_Rep2_peak_45834	75
154957962	154959042	H2AZ_Rep2_peak_45836	34
154994884	154998052	H2AZ_Rep2_peak_45838	98
155000381	155001356	H2AZ_Rep2_peak_45839	64
155005428	155006669	H2AZ_Rep2_peak_45840	63
155020387	155021912	H2AZ_Rep2_peak_45842	18
155048142	155050054	H2AZ_Rep2_peak_45843	19
155061464	155062427	H2AZ_Rep2_peak_45845	128
155082530	155083450	H2AZ_Rep2_peak_45846	65
155088193	155090157	H2AZ_Rep2_peak_45847	26
155137643	155138126	H2AZ_Rep2_peak_45848	47
155436238	155438030	H2AZ_Rep2_peak_45856	183
155616941	155618551	H2AZ_Rep2_peak_45857	32
155710950	155712441	H2AZ_Rep2_peak_45859	42
155743550	155745637	H2AZ_Rep2_peak_45862	90
155754658	155755635	H2AZ_Rep2_peak_45863	44
156432658	156434142	H2AZ_Rep2_peak_45872	35
156684736	156686746	H2AZ_Rep2_peak_45873	101
156695973	156696766	H2AZ_Rep2_peak_45874	91
156724479	156726038	H2AZ_Rep2_peak_45876	41
156736393	156737742	H2AZ_Rep2_peak_45877	23
156741789	156744374	H2AZ_Rep2_peak_45878	65
156802866	156804241	H2AZ_Rep2_peak_45879	135
156928868	156932772	H2AZ_Rep2_peak_45883	76
157074564	157075625	H2AZ_Rep2_peak_45885	96
157081533	157083167	H2AZ_Rep2_peak_45886	103
157084782	157086310	H2AZ_Rep2_peak_45887	94
157091476	157093519	H2AZ_Rep2_peak_45888	197
157095031	157095433	H2AZ_Rep2_peak_45889	70
157102133	157103361	H2AZ_Rep2_peak_45890	32
157129092	157129524	H2AZ_Rep2_peak_45892	37
157197450	157198427	H2AZ_Rep2_peak_45893	61
158224289	158225203	H2AZ_Rep2_peak_45906	28
158496821	158498350	H2AZ_Rep2_peak_45908	87
158503296	158503644	H2AZ_Rep2_peak_45909	20
158595736	158596069	H2AZ_Rep2_peak_45910	30
158621602	158623157	H2AZ_Rep2_peak_45912	57
158647434	158649614	H2AZ_Rep2_peak_45914	40
158803756	158805861	H2AZ_Rep2_peak_45915	41

158808046	158808800	H2AZ_Rep2_peak_45916	14
158814880	158816736	H2AZ_Rep2_peak_45917	33
158819932	158821102	H2AZ_Rep2_peak_45918	145
158896838	158902628	H2AZ_Rep2_peak_45919	43
158936794	158937432	H2AZ_Rep2_peak_45921	27
158988789	158993240	H2AZ_Rep2_peak_45925	105
28849	33709	H2AZ_Rep2_peak_45932	575
73989	74859	H2AZ_Rep2_peak_45933	44
86077	87484	H2AZ_Rep2_peak_45934	115
136535	138618	H2AZ_Rep2_peak_45938	159
182685	183085	H2AZ_Rep2_peak_45939	46
224047	225072	H2AZ_Rep2_peak_45940	91
356472	357274	H2AZ_Rep2_peak_45945	19
637340	638812	H2AZ_Rep2_peak_45947	73
680469	682476	H2AZ_Rep2_peak_45949	70
1693381	1695313	H2AZ_Rep2_peak_45959	84
1703445	1704236	H2AZ_Rep2_peak_45960	58
1710858	1713389	H2AZ_Rep2_peak_45961	79
1771365	1772007	H2AZ_Rep2_peak_45963	73
1949002	1949909	H2AZ_Rep2_peak_45965	30
2023074	2023663	H2AZ_Rep2_peak_45969	57
2080843	2082936	H2AZ_Rep2_peak_45970	29
2243776	2245027	H2AZ_Rep2_peak_45978	18
4854782	4855174	H2AZ_Rep2_peak_45993	28
6037285	6040313	H2AZ_Rep2_peak_46004	29
6263009	6265098	H2AZ_Rep2_peak_46006	102
6456421	6457919	H2AZ_Rep2_peak_46009	68
6562634	6566969	H2AZ_Rep2_peak_46010	93
6630979	6631824	H2AZ_Rep2_peak_46011	24
6638028	6639299	H2AZ_Rep2_peak_46013	20
6651752	6652402	H2AZ_Rep2_peak_46015	40
6658026	6658702	H2AZ_Rep2_peak_46016	40
6690212	6693088	H2AZ_Rep2_peak_46017	44
6698073	6699413	H2AZ_Rep2_peak_46018	25
6721433	6723106	H2AZ_Rep2_peak_46020	46
6735079	6736046	H2AZ_Rep2_peak_46022	52
8082921	8087595	H2AZ_Rep2_peak_46024	66
8145925	8147216	H2AZ_Rep2_peak_46025	37
8152840	8155046	H2AZ_Rep2_peak_46026	76
8168082	8168860	H2AZ_Rep2_peak_46027	40
8242974	8244954	H2AZ_Rep2_peak_46030	124
8313177	8313998	H2AZ_Rep2_peak_46031	126
8405918	8406339	H2AZ_Rep2_peak_46032	19



8456819	8458722 H2AZ_Rep2_peak_46034	57
8484661	8485902 H2AZ_Rep2_peak_46035	16
8556756	8559986 H2AZ_Rep2_peak_46038	98
8749761	8752826 H2AZ_Rep2_peak_46039	81
8761717	8762164 H2AZ_Rep2_peak_46040	28
8799813	8800319 H2AZ_Rep2_peak_46041	43
8859635	8861122 H2AZ_Rep2_peak_46042	92
8932129	8932996 H2AZ_Rep2_peak_46044	15
9007376	9009607 H2AZ_Rep2_peak_46047	153
9044701	9045859 H2AZ_Rep2_peak_46048	23
9412169	9414356 H2AZ_Rep2_peak_46054	81
9911066	9913034 H2AZ_Rep2_peak_46055	121
10008201	10011272 H2AZ_Rep2_peak_46056	16
10455343	10456603 H2AZ_Rep2_peak_46062	87
10487456	10488467 H2AZ_Rep2_peak_46065	120
10509294	10513627 H2AZ_Rep2_peak_46067	48
10536748	10539366 H2AZ_Rep2_peak_46071	52
10546110	10549790 H2AZ_Rep2_peak_46072	110
10567652	10574203 H2AZ_Rep2_peak_46073	60
10567652	10574203 H2AZ_Rep2_peak_46073	60
10586134	10588527 H2AZ_Rep2_peak_46074	27
10696508	10698456 H2AZ_Rep2_peak_46075	136
11141165	11142993 H2AZ_Rep2_peak_46078	222
11323728	11325483 H2AZ_Rep2_peak_46079	50
11421838	11423605 H2AZ_Rep2_peak_46083	18
11424842	11425193 H2AZ_Rep2_peak_46084	28
11584294	11585054 H2AZ_Rep2_peak_46087	33
11593695	11594105 H2AZ_Rep2_peak_46088	93
11622761	11623910 H2AZ_Rep2_peak_46090	40
11626672	11628080 H2AZ_Rep2_peak_46091	116
11658684	11661019 H2AZ_Rep2_peak_46092	86
11711392	11711836 H2AZ_Rep2_peak_46093	14
11724830	11726339 H2AZ_Rep2_peak_46094	41
11732177	11737517 H2AZ_Rep2_peak_46095	54
11759350	11760510 H2AZ_Rep2_peak_46098	152
12611091	12613767 H2AZ_Rep2_peak_46104	58
13223065	13225178 H2AZ_Rep2_peak_46108	55
15397258	15398510 H2AZ_Rep2_peak_46115	42
15597685	15599801 H2AZ_Rep2_peak_46119	24
16459629	16464079 H2AZ_Rep2_peak_46127	64
16479334	16480069 H2AZ_Rep2_peak_46128	60
16605963	16607097 H2AZ_Rep2_peak_46134	13
16621772	16622072 H2AZ_Rep2_peak_46135	32

17012913	17016978	H2AZ_Rep2_peak_46137	54
17103708	17105407	H2AZ_Rep2_peak_46138	43
17195314	17196655	H2AZ_Rep2_peak_46140	30
17205127	17207253	H2AZ_Rep2_peak_46142	19
17212382	17212763	H2AZ_Rep2_peak_46143	20
17218692	17222164	H2AZ_Rep2_peak_46144	34
17257967	17258487	H2AZ_Rep2_peak_46147	31
17263734	17264249	H2AZ_Rep2_peak_46148	44
17293439	17294118	H2AZ_Rep2_peak_46149	57
17324654	17326227	H2AZ_Rep2_peak_46154	19
17328388	17330115	H2AZ_Rep2_peak_46155	43
17350635	17351297	H2AZ_Rep2_peak_46156	37
17352794	17355327	H2AZ_Rep2_peak_46157	48
17433752	17435593	H2AZ_Rep2_peak_46158	138
17488258	17489237	H2AZ_Rep2_peak_46160	28
17657626	17659604	H2AZ_Rep2_peak_46161	68
17701545	17703334	H2AZ_Rep2_peak_46162	44
17704832	17705600	H2AZ_Rep2_peak_46163	72
17755072	17756694	H2AZ_Rep2_peak_46165	90
17779175	17781822	H2AZ_Rep2_peak_46169	80
17940513	17943186	H2AZ_Rep2_peak_46170	148
18067223	18068222	H2AZ_Rep2_peak_46174	123
18335341	18335762	H2AZ_Rep2_peak_46177	20
18523358	18523896	H2AZ_Rep2_peak_46178	24
18604758	18605612	H2AZ_Rep2_peak_46179	51
18672024	18672628	H2AZ_Rep2_peak_46180	26
18870005	18871203	H2AZ_Rep2_peak_46182	97
18924875	18926393	H2AZ_Rep2_peak_46183	34
18953185	18955075	H2AZ_Rep2_peak_46185	20
18991843	18993486	H2AZ_Rep2_peak_46189	42
18997621	18999233	H2AZ_Rep2_peak_46190	44
19028565	19029499	H2AZ_Rep2_peak_46191	28
19039747	19043057	H2AZ_Rep2_peak_46193	24
19069497	19071049	H2AZ_Rep2_peak_46194	27
19082486	19084000	H2AZ_Rep2_peak_46195	36
19124574	19125719	H2AZ_Rep2_peak_46196	45
19169610	19172031	H2AZ_Rep2_peak_46199	53
19394370	19395303	H2AZ_Rep2_peak_46202	45
19435691	19437902	H2AZ_Rep2_peak_46204	61
19613534	19616401	H2AZ_Rep2_peak_46209	96
19673807	19675786	H2AZ_Rep2_peak_46210	73
19919510	19920080	H2AZ_Rep2_peak_46212	39
19944096	19944978	H2AZ_Rep2_peak_46214	36

19977389	19977726	H2AZ_Rep2_peak_46219	22
20044673	20045074	H2AZ_Rep2_peak_46222	51
20054339	20055617	H2AZ_Rep2_peak_46223	192
20089401	20089847	H2AZ_Rep2_peak_46224	27
20126141	20126703	H2AZ_Rep2_peak_46226	27
20924294	20926076	H2AZ_Rep2_peak_46231	22
21349080	21349753	H2AZ_Rep2_peak_46232	81
21766260	21766947	H2AZ_Rep2_peak_46233	37
21775986	21778094	H2AZ_Rep2_peak_46235	74
21867093	21868650	H2AZ_Rep2_peak_46236	212
21887854	21889024	H2AZ_Rep2_peak_46237	63
21894080	21894878	H2AZ_Rep2_peak_46238	55
21946291	21947963	H2AZ_Rep2_peak_46241	47
21966280	21968120	H2AZ_Rep2_peak_46242	54
21986992	21990545	H2AZ_Rep2_peak_46243	30
21998346	22000977	H2AZ_Rep2_peak_46245	104
22016162	22017412	H2AZ_Rep2_peak_46246	53
22021851	22023411	H2AZ_Rep2_peak_46247	60
22067965	22069107	H2AZ_Rep2_peak_46249	44
22079862	22082807	H2AZ_Rep2_peak_46251	25
22084251	22087082	H2AZ_Rep2_peak_46252	33
22101939	22103588	H2AZ_Rep2_peak_46253	45
22144065	22145519	H2AZ_Rep2_peak_46254	95
22183509	22184967	H2AZ_Rep2_peak_46256	15
22209620	22211187	H2AZ_Rep2_peak_46257	50
22224041	22225867	H2AZ_Rep2_peak_46258	105
22297675	22300545	H2AZ_Rep2_peak_46261	53
22406560	22407327	H2AZ_Rep2_peak_46262	21
22417957	22420150	H2AZ_Rep2_peak_46264	157
22421774	22424069	H2AZ_Rep2_peak_46265	53
22437350	22440757	H2AZ_Rep2_peak_46266	47
22437350	22440757	H2AZ_Rep2_peak_46266	47
22442183	22442912	H2AZ_Rep2_peak_46267	51
22445160	22447396	H2AZ_Rep2_peak_46268	86
22452372	22457811	H2AZ_Rep2_peak_46269	56
22452372	22457811	H2AZ_Rep2_peak_46269	56
22461562	22463059	H2AZ_Rep2_peak_46270	54
22526171	22527353	H2AZ_Rep2_peak_46271	82
22529041	22531694	H2AZ_Rep2_peak_46272	101
22551671	22553838	H2AZ_Rep2_peak_46273	91
22560188	22561602	H2AZ_Rep2_peak_46274	74
22595181	22597362	H2AZ_Rep2_peak_46276	38
22613197	22614422	H2AZ_Rep2_peak_46278	43

22722502	22722899	H2AZ_Rep2_peak_46284	29
22772793	22774230	H2AZ_Rep2_peak_46288	104
22775685	22777358	H2AZ_Rep2_peak_46289	18
22831462	22833160	H2AZ_Rep2_peak_46290	46
22838425	22840719	H2AZ_Rep2_peak_46291	32
22842601	22845494	H2AZ_Rep2_peak_46292	53
22856687	22857994	H2AZ_Rep2_peak_46295	54
22925518	22927021	H2AZ_Rep2_peak_46296	34
22929853	22933907	H2AZ_Rep2_peak_46297	66
22940702	22942745	H2AZ_Rep2_peak_46298	131
22949601	22951906	H2AZ_Rep2_peak_46299	23
23020098	23022403	H2AZ_Rep2_peak_46300	46
23033630	23036402	H2AZ_Rep2_peak_46301	141
23081388	23083967	H2AZ_Rep2_peak_46303	45
23103226	23104530	H2AZ_Rep2_peak_46304	59
23143986	23146278	H2AZ_Rep2_peak_46307	99
23202720	23204738	H2AZ_Rep2_peak_46310	20
23259801	23262707	H2AZ_Rep2_peak_46311	65
23267592	23269230	H2AZ_Rep2_peak_46312	68
23314280	23315957	H2AZ_Rep2_peak_46314	177
23385275	23387645	H2AZ_Rep2_peak_46319	68
23396556	23399788	H2AZ_Rep2_peak_46320	44
23539331	23541090	H2AZ_Rep2_peak_46323	89
23617139	23619474	H2AZ_Rep2_peak_46328	69
23654824	23656660	H2AZ_Rep2_peak_46332	19
23749548	23750889	H2AZ_Rep2_peak_46336	28
23789490	23790594	H2AZ_Rep2_peak_46339	16
23820407	23821373	H2AZ_Rep2_peak_46341	10
23836317	23837335	H2AZ_Rep2_peak_46342	30
23912918	23915426	H2AZ_Rep2_peak_46344	18
24046022	24046388	H2AZ_Rep2_peak_46345	29
24050441	24050953	H2AZ_Rep2_peak_46346	29
24062270	24064214	H2AZ_Rep2_peak_46347	18
24086781	24087487	H2AZ_Rep2_peak_46348	35
24272324	24273069	H2AZ_Rep2_peak_46350	85
24366781	24367482	H2AZ_Rep2_peak_46351	23
24538332	24540408	H2AZ_Rep2_peak_46354	28
24856514	24859654	H2AZ_Rep2_peak_46356	73
24865161	24866123	H2AZ_Rep2_peak_46357	24
24867741	24868808	H2AZ_Rep2_peak_46358	18
25027196	25029175	H2AZ_Rep2_peak_46362	28
25041045	25043257	H2AZ_Rep2_peak_46363	44
25314770	25318403	H2AZ_Rep2_peak_46364	75

25939388	25939870 H2AZ_Rep2_peak_46368	39
25991029	25992662 H2AZ_Rep2_peak_46371	46
26007469	26010068 H2AZ_Rep2_peak_46372	35
26047473	26049272 H2AZ_Rep2_peak_46373	36
26061435	26064217 H2AZ_Rep2_peak_46374	68
26101238	26101973 H2AZ_Rep2_peak_46375	62
26122969	26124095 H2AZ_Rep2_peak_46376	95
26148523	26149431 H2AZ_Rep2_peak_46377	23
26239784	26241748 H2AZ_Rep2_peak_46378	82
26305421	26309391 H2AZ_Rep2_peak_46380	70
26370993	26372183 H2AZ_Rep2_peak_46383	64
26428378	26431883 H2AZ_Rep2_peak_46384	62
26434065	26437217 H2AZ_Rep2_peak_46385	82
26467317	26469506 H2AZ_Rep2_peak_46386	21
27131947	27132639 H2AZ_Rep2_peak_46393	90
27167807	27169882 H2AZ_Rep2_peak_46394	141
27182734	27183975 H2AZ_Rep2_peak_46396	74
27190636	27192785 H2AZ_Rep2_peak_46397	45
27219396	27219898 H2AZ_Rep2_peak_46399	34
27348189	27349286 H2AZ_Rep2_peak_46401	18
27372052	27373815 H2AZ_Rep2_peak_46402	30
27449526	27450434 H2AZ_Rep2_peak_46403	48
27471498	27474902 H2AZ_Rep2_peak_46404	63
27477822	27478381 H2AZ_Rep2_peak_46405	49
27490927	27493607 H2AZ_Rep2_peak_46406	30
27559480	27561115 H2AZ_Rep2_peak_46407	53
27583419	27585015 H2AZ_Rep2_peak_46410	84
27629135	27633008 H2AZ_Rep2_peak_46411	118
27693581	27696421 H2AZ_Rep2_peak_46412	85
27713785	27716563 H2AZ_Rep2_peak_46413	28
27720844	27722969 H2AZ_Rep2_peak_46415	49
27731427	27737297 H2AZ_Rep2_peak_46417	24
27739706	27744267 H2AZ_Rep2_peak_46418	32
27746450	27748245 H2AZ_Rep2_peak_46419	39
27751279	27754011 H2AZ_Rep2_peak_46420	20
27755268	27770317 H2AZ_Rep2_peak_46421	48
27755268	27770317 H2AZ_Rep2_peak_46421	48
27755268	27770317 H2AZ_Rep2_peak_46421	48
27755268	27770317 H2AZ_Rep2_peak_46421	48
27788768	27790655 H2AZ_Rep2_peak_46422	22
27794888	27797191 H2AZ_Rep2_peak_46423	28
27802709	27803229 H2AZ_Rep2_peak_46424	76
27805881	27807040 H2AZ_Rep2_peak_46425	32

27838190	27839496	H2AZ_Rep2_peak_46428	37
27850831	27851615	H2AZ_Rep2_peak_46429	28
27930157	27931237	H2AZ_Rep2_peak_46436	29
27948962	27951255	H2AZ_Rep2_peak_46437	73
28059530	28061067	H2AZ_Rep2_peak_46438	34
28114822	28115660	H2AZ_Rep2_peak_46439	24
28176611	28177425	H2AZ_Rep2_peak_46440	51
28181615	28182706	H2AZ_Rep2_peak_46441	26
28186368	28186974	H2AZ_Rep2_peak_46442	48
28208992	28210102	H2AZ_Rep2_peak_46443	38
28244006	28245251	H2AZ_Rep2_peak_46444	83
28256534	28260359	H2AZ_Rep2_peak_46445	107
28268155	28270085	H2AZ_Rep2_peak_46446	45
28272397	28273441	H2AZ_Rep2_peak_46447	16
28277070	28277465	H2AZ_Rep2_peak_46448	18
28347306	28348826	H2AZ_Rep2_peak_46449	161
28350940	28352920	H2AZ_Rep2_peak_46450	132
28458300	28459286	H2AZ_Rep2_peak_46452	29
28463624	28464044	H2AZ_Rep2_peak_46453	35
28478519	28481067	H2AZ_Rep2_peak_46455	73
28491369	28491782	H2AZ_Rep2_peak_46456	59
28515342	28516837	H2AZ_Rep2_peak_46457	62
28557865	28560022	H2AZ_Rep2_peak_46458	113
28746632	28749297	H2AZ_Rep2_peak_46460	106
28982772	28983995	H2AZ_Rep2_peak_46461	43
29119881	29121565	H2AZ_Rep2_peak_46464	149
29144236	29144772	H2AZ_Rep2_peak_46467	109
29146686	29147284	H2AZ_Rep2_peak_46468	87
29172096	29172823	H2AZ_Rep2_peak_46469	38
29206279	29209368	H2AZ_Rep2_peak_46471	83
29230266	29231198	H2AZ_Rep2_peak_46472	30
29316862	29317778	H2AZ_Rep2_peak_46474	31
29350908	29351884	H2AZ_Rep2_peak_46477	61
29368898	29369567	H2AZ_Rep2_peak_46479	62
29371022	29372115	H2AZ_Rep2_peak_46480	133
29388810	29389797	H2AZ_Rep2_peak_46481	27
29459210	29459747	H2AZ_Rep2_peak_46483	29
29498754	29500348	H2AZ_Rep2_peak_46484	23
29512473	29514113	H2AZ_Rep2_peak_46485	24
29522834	29523488	H2AZ_Rep2_peak_46486	68
29526961	29527437	H2AZ_Rep2_peak_46487	44
29580303	29580603	H2AZ_Rep2_peak_46490	15
29584985	29585831	H2AZ_Rep2_peak_46491	65

29594250	29596078	H2AZ_Rep2_peak_46492	60
29608687	29610322	H2AZ_Rep2_peak_46495	44
29622544	29625667	H2AZ_Rep2_peak_46497	49
29622544	29625667	H2AZ_Rep2_peak_46497	49
29630311	29633496	H2AZ_Rep2_peak_46499	87
29685420	29686208	H2AZ_Rep2_peak_46502	57
29693608	29694948	H2AZ_Rep2_peak_46503	23
29710090	29711656	H2AZ_Rep2_peak_46505	48
29728194	29728912	H2AZ_Rep2_peak_46507	32
29777035	29778938	H2AZ_Rep2_peak_46511	21
29815257	29816448	H2AZ_Rep2_peak_46513	37
29939546	29941280	H2AZ_Rep2_peak_46518	36
29952237	29953703	H2AZ_Rep2_peak_46519	81
29970292	29971278	H2AZ_Rep2_peak_46520	40
29993696	29996110	H2AZ_Rep2_peak_46521	62
29998922	30000349	H2AZ_Rep2_peak_46522	31
30012755	30014782	H2AZ_Rep2_peak_46523	67
30085103	30085631	H2AZ_Rep2_peak_46526	17
30137188	30138811	H2AZ_Rep2_peak_46529	42
30140294	30140630	H2AZ_Rep2_peak_46530	29
30172555	30173918	H2AZ_Rep2_peak_46532	74
30241292	30243520	H2AZ_Rep2_peak_46535	70
30514678	30516680	H2AZ_Rep2_peak_46537	168
30584412	30585905	H2AZ_Rep2_peak_46538	84
30600180	30602831	H2AZ_Rep2_peak_46539	174
30669302	30671214	H2AZ_Rep2_peak_46540	35
30890803	30891966	H2AZ_Rep2_peak_46541	88
31067021	31068685	H2AZ_Rep2_peak_46546	99
32160820	32161677	H2AZ_Rep2_peak_46550	21
32206474	32207549	H2AZ_Rep2_peak_46553	15
32284067	32284536	H2AZ_Rep2_peak_46556	49
32406369	32406857	H2AZ_Rep2_peak_46558	25
32441156	32441550	H2AZ_Rep2_peak_46559	23
32725903	32726607	H2AZ_Rep2_peak_46561	50
32783736	32786158	H2AZ_Rep2_peak_46562	88
33329311	33331704	H2AZ_Rep2_peak_46564	149
33341664	33343424	H2AZ_Rep2_peak_46565	96
33369752	33371891	H2AZ_Rep2_peak_46566	59
33423637	33425683	H2AZ_Rep2_peak_46569	92
33538800	33539123	H2AZ_Rep2_peak_46573	34
36735789	36738773	H2AZ_Rep2_peak_46578	27
36735789	36738773	H2AZ_Rep2_peak_46578	27
36852543	36854281	H2AZ_Rep2_peak_46579	28

36999949	37000913	H2AZ_Rep2_peak_46582	62
37005385	37006257	H2AZ_Rep2_peak_46583	41
37008333	37009209	H2AZ_Rep2_peak_46584	21
37136505	37137411	H2AZ_Rep2_peak_46590	23
37158126	37161434	H2AZ_Rep2_peak_46591	45
37183695	37186960	H2AZ_Rep2_peak_46592	57
37193623	37194722	H2AZ_Rep2_peak_46593	32
37373159	37380817	H2AZ_Rep2_peak_46600	30
37373159	37380817	H2AZ_Rep2_peak_46600	30
37401619	37403551	H2AZ_Rep2_peak_46601	39
37455714	37462092	H2AZ_Rep2_peak_46604	36
37551954	37554458	H2AZ_Rep2_peak_46607	72
37592898	37595906	H2AZ_Rep2_peak_46609	135
37619137	37620891	H2AZ_Rep2_peak_46610	148
37637475	37641823	H2AZ_Rep2_peak_46611	40
37643286	37644396	H2AZ_Rep2_peak_46612	84
37653653	37655026	H2AZ_Rep2_peak_46614	85
37678618	37679996	H2AZ_Rep2_peak_46615	56
37683664	37684897	H2AZ_Rep2_peak_46616	74
37706789	37709137	H2AZ_Rep2_peak_46617	149
37721473	37722193	H2AZ_Rep2_peak_46618	16
37756534	37758446	H2AZ_Rep2_peak_46620	97
37760049	37763557	H2AZ_Rep2_peak_46621	35
37773175	37773935	H2AZ_Rep2_peak_46622	91
37853865	37855233	H2AZ_Rep2_peak_46627	18
37887062	37889534	H2AZ_Rep2_peak_46628	96
37961964	37963908	H2AZ_Rep2_peak_46630	94
38033363	38035393	H2AZ_Rep2_peak_46632	119
38088295	38090324	H2AZ_Rep2_peak_46633	112
38125249	38127230	H2AZ_Rep2_peak_46634	69
38238438	38241104	H2AZ_Rep2_peak_46635	94
38242948	38245069	H2AZ_Rep2_peak_46636	230
38254864	38255324	H2AZ_Rep2_peak_46637	49
38262458	38263011	H2AZ_Rep2_peak_46638	17
38266205	38268058	H2AZ_Rep2_peak_46639	30
38269286	38269696	H2AZ_Rep2_peak_46640	54
38325011	38326586	H2AZ_Rep2_peak_46645	20
38384451	38386677	H2AZ_Rep2_peak_46648	85
38578502	38579853	H2AZ_Rep2_peak_46651	100
38591653	38593017	H2AZ_Rep2_peak_46652	163
38613793	38615449	H2AZ_Rep2_peak_46653	36
38625498	38627434	H2AZ_Rep2_peak_46654	65
38635104	38635768	H2AZ_Rep2_peak_46656	29



38644139	38645353	H2AZ_Rep2_peak_46658	42
38713435	38714350	H2AZ_Rep2_peak_46661	65
38735298	38736158	H2AZ_Rep2_peak_46663	35
38756509	38760787	H2AZ_Rep2_peak_46665	27
38852875	38855298	H2AZ_Rep2_peak_46667	89
39770042	39771483	H2AZ_Rep2_peak_46669	18
39820146	39821510	H2AZ_Rep2_peak_46672	16
39898781	39900513	H2AZ_Rep2_peak_46674	62
39912129	39913020	H2AZ_Rep2_peak_46675	87
39956970	39957801	H2AZ_Rep2_peak_46677	21
40009339	40011788	H2AZ_Rep2_peak_46679	32
40059163	40059468	H2AZ_Rep2_peak_46682	29
40065473	40066400	H2AZ_Rep2_peak_46683	55
40206652	40208220	H2AZ_Rep2_peak_46688	22
40381671	40382451	H2AZ_Rep2_peak_46698	39
40397502	40398423	H2AZ_Rep2_peak_46699	23
40483730	40484340	H2AZ_Rep2_peak_46702	43
40983353	40983864	H2AZ_Rep2_peak_46707	20
41008252	41009959	H2AZ_Rep2_peak_46709	28
41347222	41349583	H2AZ_Rep2_peak_46714	86
41386056	41387768	H2AZ_Rep2_peak_46715	128
41434955	41436550	H2AZ_Rep2_peak_46717	145
41541193	41543194	H2AZ_Rep2_peak_46719	32
41558940	41559885	H2AZ_Rep2_peak_46720	77
41569783	41570906	H2AZ_Rep2_peak_46721	63
41628369	41629436	H2AZ_Rep2_peak_46723	16
41649064	41650553	H2AZ_Rep2_peak_46725	93
41654758	41657447	H2AZ_Rep2_peak_46726	68
41676389	41677438	H2AZ_Rep2_peak_46728	18
41685185	41686437	H2AZ_Rep2_peak_46729	123
41702289	41702839	H2AZ_Rep2_peak_46730	33
41722893	41723775	H2AZ_Rep2_peak_46731	13
41908349	41910616	H2AZ_Rep2_peak_46732	117
41997031	42000438	H2AZ_Rep2_peak_46739	122
42010076	42011385	H2AZ_Rep2_peak_46740	61
42050641	42054289	H2AZ_Rep2_peak_46742	26
42064385	42065357	H2AZ_Rep2_peak_46744	32
42066839	42067468	H2AZ_Rep2_peak_46745	18
42072004	42073590	H2AZ_Rep2_peak_46746	84
42090762	42091655	H2AZ_Rep2_peak_46749	39
42102921	42103736	H2AZ_Rep2_peak_46750	43
42128101	42129679	H2AZ_Rep2_peak_46752	50
42195212	42196875	H2AZ_Rep2_peak_46754	173

42248610	42250219	H2AZ_Rep2_peak_46756	161
42269924	42270619	H2AZ_Rep2_peak_46757	136
42342259	42342756	H2AZ_Rep2_peak_46758	23
42395920	42398433	H2AZ_Rep2_peak_46759	32
42547496	42548299	H2AZ_Rep2_peak_46761	45
42623547	42623847	H2AZ_Rep2_peak_46764	33
42658919	42661108	H2AZ_Rep2_peak_46766	52
42697624	42699172	H2AZ_Rep2_peak_46768	131
42750707	42753171	H2AZ_Rep2_peak_46769	55
42909954	42912368	H2AZ_Rep2_peak_46770	64
42947834	42949078	H2AZ_Rep2_peak_46771	182
42994438	42997501	H2AZ_Rep2_peak_46772	59
48078540	48079201	H2AZ_Rep2_peak_46778	61
48172461	48174313	H2AZ_Rep2_peak_46783	129
48277368	48279108	H2AZ_Rep2_peak_46784	33
48437590	48437929	H2AZ_Rep2_peak_46786	37
48571756	48573314	H2AZ_Rep2_peak_46787	25
48650407	48652003	H2AZ_Rep2_peak_46788	60
48872314	48874300	H2AZ_Rep2_peak_46789	63
48920411	48921588	H2AZ_Rep2_peak_46790	77
48997657	48998569	H2AZ_Rep2_peak_46792	17
49013496	49014812	H2AZ_Rep2_peak_46793	15
49022135	49022508	H2AZ_Rep2_peak_46794	56
49033361	49034214	H2AZ_Rep2_peak_46795	42
49039196	49039612	H2AZ_Rep2_peak_46796	22
49048564	49050064	H2AZ_Rep2_peak_46797	35
49166317	49166998	H2AZ_Rep2_peak_46802	29
49210273	49210821	H2AZ_Rep2_peak_46804	14
49230835	49232207	H2AZ_Rep2_peak_46806	110
49344756	49345112	H2AZ_Rep2_peak_46810	21
49416521	49417594	H2AZ_Rep2_peak_46815	62
49426313	49428311	H2AZ_Rep2_peak_46816	125
49699472	49702121	H2AZ_Rep2_peak_46826	93
49726986	49728025	H2AZ_Rep2_peak_46827	30
49730658	49733248	H2AZ_Rep2_peak_46828	24
49730658	49733248	H2AZ_Rep2_peak_46828	24
49783864	49786579	H2AZ_Rep2_peak_46832	21
49808699	49809958	H2AZ_Rep2_peak_46833	22
49827371	49827739	H2AZ_Rep2_peak_46834	22
49831197	49836288	H2AZ_Rep2_peak_46835	47
49837997	49839092	H2AZ_Rep2_peak_46836	70
49975674	49979423	H2AZ_Rep2_peak_46840	50
50424462	50425013	H2AZ_Rep2_peak_46843	27

50626103	50626735	H2AZ_Rep2_peak_46847	37
50653249	50653699	H2AZ_Rep2_peak_46849	34
50707899	50709303	H2AZ_Rep2_peak_46850	29
50729008	50731094	H2AZ_Rep2_peak_46851	68
50968677	50970348	H2AZ_Rep2_peak_46857	22
51529536	51530293	H2AZ_Rep2_peak_46863	15
51548540	51549152	H2AZ_Rep2_peak_46864	22
51810464	51810984	H2AZ_Rep2_peak_46870	78
52019167	52020996	H2AZ_Rep2_peak_46875	34
52034424	52034910	H2AZ_Rep2_peak_46876	19
52046915	52048420	H2AZ_Rep2_peak_46877	18
52090746	52091579	H2AZ_Rep2_peak_46878	49
52284340	52284685	H2AZ_Rep2_peak_46883	42
52362375	52363019	H2AZ_Rep2_peak_46885	29
52438723	52440111	H2AZ_Rep2_peak_46887	18
52524138	52524438	H2AZ_Rep2_peak_46889	20
52530311	52531327	H2AZ_Rep2_peak_46890	28
52811412	52813230	H2AZ_Rep2_peak_46897	96
52873902	52875845	H2AZ_Rep2_peak_46899	36
52885984	52886691	H2AZ_Rep2_peak_46900	18
52920509	52921231	H2AZ_Rep2_peak_46903	79
53006811	53007146	H2AZ_Rep2_peak_46905	36
53012855	53014501	H2AZ_Rep2_peak_46906	45
53042989	53045572	H2AZ_Rep2_peak_46908	33
53372695	53374035	H2AZ_Rep2_peak_46920	30
53379679	53380654	H2AZ_Rep2_peak_46921	152
53625898	53627819	H2AZ_Rep2_peak_46926	106
53676307	53677653	H2AZ_Rep2_peak_46927	55
53756090	53756815	H2AZ_Rep2_peak_46929	28
53853751	53855971	H2AZ_Rep2_peak_46932	53
54229431	54230488	H2AZ_Rep2_peak_46935	30
54256519	54257133	H2AZ_Rep2_peak_46936	24
54500934	54501242	H2AZ_Rep2_peak_46942	18
54754855	54756362	H2AZ_Rep2_peak_46944	102
54792000	54794560	H2AZ_Rep2_peak_46945	139
54857640	54858760	H2AZ_Rep2_peak_46946	73
54933847	54935451	H2AZ_Rep2_peak_46947	74
55013572	55015319	H2AZ_Rep2_peak_46948	62
55046742	55048506	H2AZ_Rep2_peak_46950	128
55065718	55066351	H2AZ_Rep2_peak_46951	28
55078338	55078983	H2AZ_Rep2_peak_46953	147
55104199	55104549	H2AZ_Rep2_peak_46957	55
55121017	55122842	H2AZ_Rep2_peak_46958	66

55124289	55125343	H2AZ_Rep2_peak_46959	54
55180849	55182073	H2AZ_Rep2_peak_46961	86
55239517	55240060	H2AZ_Rep2_peak_46963	16
55294329	55296136	H2AZ_Rep2_peak_46966	74
55304930	55307385	H2AZ_Rep2_peak_46967	32
55370021	55371604	H2AZ_Rep2_peak_46969	66
55437243	55437736	H2AZ_Rep2_peak_46970	28
55466149	55467530	H2AZ_Rep2_peak_46972	121
55475440	55476130	H2AZ_Rep2_peak_46973	29
56684952	56686745	H2AZ_Rep2_peak_46980	102
56791597	56794078	H2AZ_Rep2_peak_46981	58
56813922	56814760	H2AZ_Rep2_peak_46982	23
56972329	56973251	H2AZ_Rep2_peak_46985	33
56986450	56988025	H2AZ_Rep2_peak_46986	147
57121956	57125250	H2AZ_Rep2_peak_46988	100
57232154	57234338	H2AZ_Rep2_peak_46990	66
57801467	57805542	H2AZ_Rep2_peak_46999	18
57905544	57907764	H2AZ_Rep2_peak_47000	101
58657963	58658765	H2AZ_Rep2_peak_47007	21
59010872	59011529	H2AZ_Rep2_peak_47012	61
59323288	59324987	H2AZ_Rep2_peak_47015	113
59465103	59466494	H2AZ_Rep2_peak_47018	182
59570951	59573763	H2AZ_Rep2_peak_47019	110
59665147	59667189	H2AZ_Rep2_peak_47020	22
59713500	59714982	H2AZ_Rep2_peak_47021	26
59720245	59720827	H2AZ_Rep2_peak_47022	22
59745494	59746581	H2AZ_Rep2_peak_47023	14
59762486	59764357	H2AZ_Rep2_peak_47024	36
59769177	59771463	H2AZ_Rep2_peak_47025	101
60030005	60032847	H2AZ_Rep2_peak_47028	62
60179242	60179724	H2AZ_Rep2_peak_47030	52
60359016	60360093	H2AZ_Rep2_peak_47032	79
60374769	60375506	H2AZ_Rep2_peak_47033	74
60964312	60964950	H2AZ_Rep2_peak_47034	14
61042936	61043421	H2AZ_Rep2_peak_47035	19
61325231	61326783	H2AZ_Rep2_peak_47037	15
61428721	61430333	H2AZ_Rep2_peak_47038	69
61563755	61566776	H2AZ_Rep2_peak_47040	99
61573338	61573650	H2AZ_Rep2_peak_47041	44
61590486	61591132	H2AZ_Rep2_peak_47042	31
61627012	61627668	H2AZ_Rep2_peak_47043	81
61824107	61825842	H2AZ_Rep2_peak_47044	49
62637454	62638131	H2AZ_Rep2_peak_47053	16

62668962	62669442	H2AZ_Rep2_peak_47056	31
62672033	62674928	H2AZ_Rep2_peak_47057	29
62684202	62687798	H2AZ_Rep2_peak_47058	32
62692650	62693807	H2AZ_Rep2_peak_47059	12
62701991	62705174	H2AZ_Rep2_peak_47060	46
62789319	62790538	H2AZ_Rep2_peak_47061	55
62825694	62826639	H2AZ_Rep2_peak_47062	37
63015001	63015552	H2AZ_Rep2_peak_47064	59
63074496	63078100	H2AZ_Rep2_peak_47066	82
63161491	63161876	H2AZ_Rep2_peak_47068	58
63949895	63953118	H2AZ_Rep2_peak_47070	139
64078188	64081544	H2AZ_Rep2_peak_47071	60
64304089	64305047	H2AZ_Rep2_peak_47072	23
66545697	66547021	H2AZ_Rep2_peak_47079	123
66555417	66557916	H2AZ_Rep2_peak_47080	138
66752956	66755525	H2AZ_Rep2_peak_47083	113
66859903	66862077	H2AZ_Rep2_peak_47084	72
66884989	66886392	H2AZ_Rep2_peak_47085	69
66933382	66935425	H2AZ_Rep2_peak_47087	76
66945119	66946021	H2AZ_Rep2_peak_47089	60
66948338	66949851	H2AZ_Rep2_peak_47090	20
67024753	67027214	H2AZ_Rep2_peak_47093	169
67036355	67036834	H2AZ_Rep2_peak_47094	66
67339283	67342667	H2AZ_Rep2_peak_47095	161
67350802	67351787	H2AZ_Rep2_peak_47096	32
67371106	67371476	H2AZ_Rep2_peak_47098	26
67424497	67424959	H2AZ_Rep2_peak_47102	14
67430969	67431524	H2AZ_Rep2_peak_47103	61
67433576	67435908	H2AZ_Rep2_peak_47104	72
67445348	67447372	H2AZ_Rep2_peak_47105	18
67524420	67526779	H2AZ_Rep2_peak_47106	153
67578401	67580665	H2AZ_Rep2_peak_47107	53
67624006	67626330	H2AZ_Rep2_peak_47109	101
67686275	67688770	H2AZ_Rep2_peak_47110	134
67836913	67839796	H2AZ_Rep2_peak_47114	63
67940134	67942035	H2AZ_Rep2_peak_47117	34
67973703	67977501	H2AZ_Rep2_peak_47118	124
68254647	68256854	H2AZ_Rep2_peak_47119	95
68402222	68402686	H2AZ_Rep2_peak_47120	48
69672149	69673173	H2AZ_Rep2_peak_47123	25
69676608	69676927	H2AZ_Rep2_peak_47124	16
70269048	70270184	H2AZ_Rep2_peak_47129	38
70368336	70369046	H2AZ_Rep2_peak_47131	35

70378750	70379355	H2AZ_Rep2_peak_47132	30
70854180	70855267	H2AZ_Rep2_peak_47136	40
71060361	71060808	H2AZ_Rep2_peak_47137	31
71313770	71316929	H2AZ_Rep2_peak_47138	127
71446714	71447375	H2AZ_Rep2_peak_47140	17
71519597	71523154	H2AZ_Rep2_peak_47142	40
71580738	71582509	H2AZ_Rep2_peak_47143	101
72170709	72171864	H2AZ_Rep2_peak_47148	15
72899896	72900435	H2AZ_Rep2_peak_47153	53
72947049	72947854	H2AZ_Rep2_peak_47154	36
73018229	73019916	H2AZ_Rep2_peak_47155	20
73043763	73045506	H2AZ_Rep2_peak_47156	19
73300274	73301645	H2AZ_Rep2_peak_47160	21
73920228	73921765	H2AZ_Rep2_peak_47162	154
74002134	74003587	H2AZ_Rep2_peak_47163	68
74205411	74209433	H2AZ_Rep2_peak_47166	124
74268447	74270945	H2AZ_Rep2_peak_47168	51
74292397	74293030	H2AZ_Rep2_peak_47170	67
74322305	74323077	H2AZ_Rep2_peak_47173	56
74331759	74333671	H2AZ_Rep2_peak_47175	41
74657684	74660720	H2AZ_Rep2_peak_47178	139
74790147	74792624	H2AZ_Rep2_peak_47179	47
74883694	74885564	H2AZ_Rep2_peak_47181	205
74887681	74889094	H2AZ_Rep2_peak_47182	126
75039205	75039891	H2AZ_Rep2_peak_47186	237
75058605	75059286	H2AZ_Rep2_peak_47187	66
75089947	75090393	H2AZ_Rep2_peak_47188	14
75161383	75163650	H2AZ_Rep2_peak_47190	44
75232519	75234562	H2AZ_Rep2_peak_47191	94
75262225	75263387	H2AZ_Rep2_peak_47194	119
75833552	75833898	H2AZ_Rep2_peak_47196	35
76271683	76273853	H2AZ_Rep2_peak_47199	36
76319100	76321096	H2AZ_Rep2_peak_47204	55
76471692	76474071	H2AZ_Rep2_peak_47205	24
76522907	76523495	H2AZ_Rep2_peak_47206	59
76560909	76562039	H2AZ_Rep2_peak_47209	15
76607261	76607659	H2AZ_Rep2_peak_47210	12
76662676	76663075	H2AZ_Rep2_peak_47211	52
77326197	77326571	H2AZ_Rep2_peak_47214	20
77616544	77618247	H2AZ_Rep2_peak_47217	16
77644794	77646468	H2AZ_Rep2_peak_47218	56
77866398	77868409	H2AZ_Rep2_peak_47223	72
77910826	77913471	H2AZ_Rep2_peak_47224	90

78730256	78731116	H2AZ_Rep2_peak_47233	28
79223681	79224742	H2AZ_Rep2_peak_47239	12
79356784	79357605	H2AZ_Rep2_peak_47241	61
79395728	79396448	H2AZ_Rep2_peak_47242	58
79420388	79421042	H2AZ_Rep2_peak_47243	26
79455110	79456132	H2AZ_Rep2_peak_47244	12
79577415	79579017	H2AZ_Rep2_peak_47248	141
79716049	79717877	H2AZ_Rep2_peak_47250	106
79752774	79753770	H2AZ_Rep2_peak_47251	29
80105904	80106395	H2AZ_Rep2_peak_47253	32
80199586	80200720	H2AZ_Rep2_peak_47254	20
80679380	80682669	H2AZ_Rep2_peak_47262	81
80695467	80696561	H2AZ_Rep2_peak_47264	90
80705531	80707297	H2AZ_Rep2_peak_47266	18
80710744	80714335	H2AZ_Rep2_peak_47267	48
80719881	80720202	H2AZ_Rep2_peak_47269	25
80730721	80731237	H2AZ_Rep2_peak_47270	29
80941842	80943158	H2AZ_Rep2_peak_47273	151
80996938	80997814	H2AZ_Rep2_peak_47274	16
81082879	81083807	H2AZ_Rep2_peak_47275	91
81142656	81143780	H2AZ_Rep2_peak_47278	73
81169034	81170847	H2AZ_Rep2_peak_47279	36
81279243	81280027	H2AZ_Rep2_peak_47282	66
81344460	81345053	H2AZ_Rep2_peak_47283	22
81786707	81787081	H2AZ_Rep2_peak_47286	35
81811039	81812591	H2AZ_Rep2_peak_47287	18
81830321	81831488	H2AZ_Rep2_peak_47289	20
82009521	82009821	H2AZ_Rep2_peak_47294	24
82023163	82024254	H2AZ_Rep2_peak_47295	63
82066151	82067062	H2AZ_Rep2_peak_47297	37
82128979	82129291	H2AZ_Rep2_peak_47298	35
82138571	82140195	H2AZ_Rep2_peak_47299	46
82166402	82167894	H2AZ_Rep2_peak_47300	32
82192859	82193780	H2AZ_Rep2_peak_47301	20
82275464	82277002	H2AZ_Rep2_peak_47307	26
82451874	82452244	H2AZ_Rep2_peak_47313	37
82470054	82471510	H2AZ_Rep2_peak_47315	50
82499979	82503916	H2AZ_Rep2_peak_47317	29
82499979	82503916	H2AZ_Rep2_peak_47317	29
82598030	82599104	H2AZ_Rep2_peak_47318	89
82632795	82634137	H2AZ_Rep2_peak_47319	42
82643524	82646034	H2AZ_Rep2_peak_47320	100
82695531	82697180	H2AZ_Rep2_peak_47322	41

82753283	82755666	H2AZ_Rep2_peak_47323	165
86018705	86020377	H2AZ_Rep2_peak_47330	187
86088863	86091577	H2AZ_Rep2_peak_47332	105
86132090	86135015	H2AZ_Rep2_peak_47333	117
86157317	86158583	H2AZ_Rep2_peak_47334	70
86847917	86849623	H2AZ_Rep2_peak_47336	48
86878867	86880306	H2AZ_Rep2_peak_47338	27
87014177	87014611	H2AZ_Rep2_peak_47340	31
87016415	87016745	H2AZ_Rep2_peak_47341	12
87188535	87190129	H2AZ_Rep2_peak_47343	14
87301773	87303147	H2AZ_Rep2_peak_47344	39
87353579	87355766	H2AZ_Rep2_peak_47345	123
87519719	87521522	H2AZ_Rep2_peak_47346	74
87525762	87527491	H2AZ_Rep2_peak_47347	113
89956648	89957014	H2AZ_Rep2_peak_47353	34
90769088	90771179	H2AZ_Rep2_peak_47359	108
90860784	90861751	H2AZ_Rep2_peak_47361	33
90914215	90914597	H2AZ_Rep2_peak_47363	47
90995743	90997376	H2AZ_Rep2_peak_47364	60
91012293	91014740	H2AZ_Rep2_peak_47368	152
91336517	91337434	H2AZ_Rep2_peak_47372	54
91480052	91480388	H2AZ_Rep2_peak_47375	71
91483874	91484892	H2AZ_Rep2_peak_47376	22
91522949	91524159	H2AZ_Rep2_peak_47378	33
91657156	91658912	H2AZ_Rep2_peak_47380	150
91682601	91683825	H2AZ_Rep2_peak_47381	58
92052559	92053718	H2AZ_Rep2_peak_47387	54
92081528	92083336	H2AZ_Rep2_peak_47388	81
92192254	92193786	H2AZ_Rep2_peak_47389	54
93412877	93413929	H2AZ_Rep2_peak_47394	13
93495086	93495386	H2AZ_Rep2_peak_47395	38
93977009	93978768	H2AZ_Rep2_peak_47397	104
94752264	94754002	H2AZ_Rep2_peak_47407	108
94765634	94767812	H2AZ_Rep2_peak_47409	136
94849835	94851510	H2AZ_Rep2_peak_47410	57
94886073	94886767	H2AZ_Rep2_peak_47412	35
94909320	94911464	H2AZ_Rep2_peak_47413	26
94928214	94930340	H2AZ_Rep2_peak_47414	88
95002993	95005247	H2AZ_Rep2_peak_47417	102
95076290	95078170	H2AZ_Rep2_peak_47421	39
95254140	95255184	H2AZ_Rep2_peak_47424	55
95449130	95449484	H2AZ_Rep2_peak_47429	31
95485482	95488721	H2AZ_Rep2_peak_47430	118



95565017	95566795	H2AZ_Rep2_peak_47431	114
95625223	95625879	H2AZ_Rep2_peak_47434	41
95730525	95732917	H2AZ_Rep2_peak_47437	144
95825573	95827352	H2AZ_Rep2_peak_47441	25
95833957	95836298	H2AZ_Rep2_peak_47443	144
95906432	95909568	H2AZ_Rep2_peak_47444	102
95980391	95980829	H2AZ_Rep2_peak_47445	19
96036261	96038357	H2AZ_Rep2_peak_47446	195
96100028	96100440	H2AZ_Rep2_peak_47447	33
96111682	96114871	H2AZ_Rep2_peak_47448	41
96145234	96147107	H2AZ_Rep2_peak_47450	77
96202408	96203684	H2AZ_Rep2_peak_47451	96
96235403	96235931	H2AZ_Rep2_peak_47455	20
96237598	96239420	H2AZ_Rep2_peak_47456	44
96280333	96283281	H2AZ_Rep2_peak_47457	142
96705472	96705885	H2AZ_Rep2_peak_47459	37
97247046	97248527	H2AZ_Rep2_peak_47460	183
97272737	97275522	H2AZ_Rep2_peak_47461	109
98565887	98566187	H2AZ_Rep2_peak_47464	35
98607352	98609018	H2AZ_Rep2_peak_47466	70
98652185	98652782	H2AZ_Rep2_peak_47468	15
98655401	98657927	H2AZ_Rep2_peak_47469	75
98775638	98776897	H2AZ_Rep2_peak_47471	42
98787415	98789210	H2AZ_Rep2_peak_47472	36
98881189	98882991	H2AZ_Rep2_peak_47474	67
98941173	98941840	H2AZ_Rep2_peak_47477	22
99014217	99014524	H2AZ_Rep2_peak_47480	26
99021074	99024290	H2AZ_Rep2_peak_47481	38
99057217	99058843	H2AZ_Rep2_peak_47482	82
99097563	99098350	H2AZ_Rep2_peak_47484	87
99128336	99130193	H2AZ_Rep2_peak_47485	131
99181631	99182802	H2AZ_Rep2_peak_47487	72
99305524	99306996	H2AZ_Rep2_peak_47490	33
99370364	99371311	H2AZ_Rep2_peak_47491	68
99376851	99377535	H2AZ_Rep2_peak_47492	52
99837375	99838966	H2AZ_Rep2_peak_47496	70
99846787	99848768	H2AZ_Rep2_peak_47497	74
99853005	99853484	H2AZ_Rep2_peak_47498	16
99952958	99958054	H2AZ_Rep2_peak_47504	113
99952958	99958054	H2AZ_Rep2_peak_47504	113
100024596	100026389	H2AZ_Rep2_peak_47505	235
100511052	100511705	H2AZ_Rep2_peak_47506	25
100904716	100907344	H2AZ_Rep2_peak_47508	148

100955328	100955966	H2AZ_Rep2_peak_47509	33
100961764	100962311	H2AZ_Rep2_peak_47510	21
101157515	101158617	H2AZ_Rep2_peak_47512	52
101162154	101163518	H2AZ_Rep2_peak_47513	108
101170084	101170920	H2AZ_Rep2_peak_47514	79
101224874	101226019	H2AZ_Rep2_peak_47515	47
101321423	101322991	H2AZ_Rep2_peak_47516	31
101337750	101338586	H2AZ_Rep2_peak_47517	15
101347891	101349858	H2AZ_Rep2_peak_47519	64
101407550	101408947	H2AZ_Rep2_peak_47520	73
101426695	101430829	H2AZ_Rep2_peak_47522	48
101450069	101451813	H2AZ_Rep2_peak_47523	32
101470653	101471479	H2AZ_Rep2_peak_47525	23
101487904	101488364	H2AZ_Rep2_peak_47528	68
101493934	101495609	H2AZ_Rep2_peak_47530	59
101511563	101512431	H2AZ_Rep2_peak_47532	20
101521841	101523588	H2AZ_Rep2_peak_47533	64
101571242	101572291	H2AZ_Rep2_peak_47535	149
101635551	101636103	H2AZ_Rep2_peak_47542	30
101678296	101679944	H2AZ_Rep2_peak_47543	42
101734657	101735525	H2AZ_Rep2_peak_47544	137
101773564	101776676	H2AZ_Rep2_peak_47547	76
101800789	101801810	H2AZ_Rep2_peak_47550	41
101894266	101894767	H2AZ_Rep2_peak_47552	51
101912062	101913154	H2AZ_Rep2_peak_47555	38
101918960	101921776	H2AZ_Rep2_peak_47556	58
101964419	101966800	H2AZ_Rep2_peak_47557	74
101998462	101999011	H2AZ_Rep2_peak_47559	20
102038344	102041063	H2AZ_Rep2_peak_47562	59
102063365	102065021	H2AZ_Rep2_peak_47565	49
102073822	102076499	H2AZ_Rep2_peak_47566	84
102090593	102094211	H2AZ_Rep2_peak_47567	90
102107175	102110934	H2AZ_Rep2_peak_47569	38
102107175	102110934	H2AZ_Rep2_peak_47569	38
102138032	102139740	H2AZ_Rep2_peak_47570	157
102165318	102168343	H2AZ_Rep2_peak_47573	82
102169795	102172356	H2AZ_Rep2_peak_47574	44
102216785	102218847	H2AZ_Rep2_peak_47575	38
102299413	102301193	H2AZ_Rep2_peak_47576	99
102304326	102305089	H2AZ_Rep2_peak_47577	26
102345071	102345853	H2AZ_Rep2_peak_47580	51
102370834	102376724	H2AZ_Rep2_peak_47581	74
102387479	102389410	H2AZ_Rep2_peak_47582	58

102404814	102405216	H2AZ_Rep2_peak_47583	52
102471564	102473341	H2AZ_Rep2_peak_47586	36
102516345	102517425	H2AZ_Rep2_peak_47587	26
102585700	102588259	H2AZ_Rep2_peak_47588	56
102701847	102703929	H2AZ_Rep2_peak_47590	48
102914782	102915314	H2AZ_Rep2_peak_47592	16
103250337	103252450	H2AZ_Rep2_peak_47595	175
103424202	103425552	H2AZ_Rep2_peak_47596	39
103523873	103524326	H2AZ_Rep2_peak_47598	23
103547822	103550542	H2AZ_Rep2_peak_47599	59
103552042	103554551	H2AZ_Rep2_peak_47600	32
103591215	103591581	H2AZ_Rep2_peak_47603	32
103597453	103598756	H2AZ_Rep2_peak_47604	38
103612136	103614123	H2AZ_Rep2_peak_47606	145
103624793	103631142	H2AZ_Rep2_peak_47607	46
103624793	103631142	H2AZ_Rep2_peak_47607	46
103644674	103646090	H2AZ_Rep2_peak_47609	33
103667646	103670865	H2AZ_Rep2_peak_47610	41
103697797	103698590	H2AZ_Rep2_peak_47613	81
103704753	103705206	H2AZ_Rep2_peak_47614	23
103714541	103715118	H2AZ_Rep2_peak_47615	74
103739386	103743871	H2AZ_Rep2_peak_47617	49
103750587	103751389	H2AZ_Rep2_peak_47618	117
103755028	103755415	H2AZ_Rep2_peak_47619	21
103765999	103766890	H2AZ_Rep2_peak_47621	48
103768286	103771186	H2AZ_Rep2_peak_47622	19
103793802	103795247	H2AZ_Rep2_peak_47624	42
103800583	103803785	H2AZ_Rep2_peak_47625	46
103800583	103803785	H2AZ_Rep2_peak_47625	46
103805391	103807994	H2AZ_Rep2_peak_47626	48
103816769	103821437	H2AZ_Rep2_peak_47628	55
103874843	103877221	H2AZ_Rep2_peak_47630	61
103908935	103911229	H2AZ_Rep2_peak_47633	49
103918418	103919083	H2AZ_Rep2_peak_47634	20
103931878	103938332	H2AZ_Rep2_peak_47635	42
103931878	103938332	H2AZ_Rep2_peak_47635	42
104032175	104034173	H2AZ_Rep2_peak_47640	213
104113212	104113976	H2AZ_Rep2_peak_47641	14
104310165	104312176	H2AZ_Rep2_peak_47643	78
104426698	104428584	H2AZ_Rep2_peak_47644	92
105600155	105602224	H2AZ_Rep2_peak_47649	96
107072599	107073803	H2AZ_Rep2_peak_47652	56
107093932	107096225	H2AZ_Rep2_peak_47653	42

107182502	107183094	H2AZ_Rep2_peak_47655	97
107281648	107283405	H2AZ_Rep2_peak_47657	103
107668782	107670949	H2AZ_Rep2_peak_47659	90
107775002	107775906	H2AZ_Rep2_peak_47660	20
108509283	108510061	H2AZ_Rep2_peak_47661	82
109151366	109153264	H2AZ_Rep2_peak_47665	89
109260414	109261754	H2AZ_Rep2_peak_47666	168
109454957	109456679	H2AZ_Rep2_peak_47667	68
110345545	110347123	H2AZ_Rep2_peak_47673	105
110551109	110553240	H2AZ_Rep2_peak_47674	164
110619517	110619837	H2AZ_Rep2_peak_47675	39
110654892	110657928	H2AZ_Rep2_peak_47676	126
112895388	112895782	H2AZ_Rep2_peak_47682	28
112994406	112994745	H2AZ_Rep2_peak_47684	36
113686022	113686798	H2AZ_Rep2_peak_47691	14
113921855	113922362	H2AZ_Rep2_peak_47694	54
114058328	114059475	H2AZ_Rep2_peak_47700	50
114390496	114391239	H2AZ_Rep2_peak_47706	30
114449702	114450743	H2AZ_Rep2_peak_47708	85
114746946	114747283	H2AZ_Rep2_peak_47710	19
114978001	114978451	H2AZ_Rep2_peak_47712	15
115399604	115401432	H2AZ_Rep2_peak_47716	70
115516158	115516725	H2AZ_Rep2_peak_47718	113
115524078	115525105	H2AZ_Rep2_peak_47719	35
115541646	115542757	H2AZ_Rep2_peak_47721	24
115550331	115551891	H2AZ_Rep2_peak_47722	16
115597947	115599134	H2AZ_Rep2_peak_47723	28
115649220	115649819	H2AZ_Rep2_peak_47724	38
115801600	115802031	H2AZ_Rep2_peak_47725	31
115933935	115934855	H2AZ_Rep2_peak_47726	23
115953406	115953773	H2AZ_Rep2_peak_47727	45
116088776	116089115	H2AZ_Rep2_peak_47729	36
116346365	116346776	H2AZ_Rep2_peak_47730	19
116382685	116383469	H2AZ_Rep2_peak_47731	95
116463738	116464089	H2AZ_Rep2_peak_47732	16
116680804	116681935	H2AZ_Rep2_peak_47733	37
117436033	117436860	H2AZ_Rep2_peak_47735	17
117456513	117457828	H2AZ_Rep2_peak_47736	34
117767422	117769682	H2AZ_Rep2_peak_47744	60
117771435	117772085	H2AZ_Rep2_peak_47745	40
117774606	117775001	H2AZ_Rep2_peak_47746	17
117777610	117779650	H2AZ_Rep2_peak_47747	187
117800463	117801150	H2AZ_Rep2_peak_47748	15

117886354	117887473	H2AZ_Rep2_peak_47751	29
117889616	117891452	H2AZ_Rep2_peak_47752	39
117899593	117905932	H2AZ_Rep2_peak_47753	42
117913506	117914728	H2AZ_Rep2_peak_47754	21
117924345	117925310	H2AZ_Rep2_peak_47755	30
117938635	117939276	H2AZ_Rep2_peak_47756	32
118031661	118032026	H2AZ_Rep2_peak_47757	24
118056442	118057074	H2AZ_Rep2_peak_47758	39
118532401	118534228	H2AZ_Rep2_peak_47761	178
119122098	119125842	H2AZ_Rep2_peak_47763	58
119485204	119486140	H2AZ_Rep2_peak_47765	18
119560310	119561336	H2AZ_Rep2_peak_47766	60
119632833	119635115	H2AZ_Rep2_peak_47767	307
119800243	119801317	H2AZ_Rep2_peak_47771	52
119849337	119851301	H2AZ_Rep2_peak_47773	28
119861497	119863785	H2AZ_Rep2_peak_47775	31
119973709	119974608	H2AZ_Rep2_peak_47781	14
119986850	119987568	H2AZ_Rep2_peak_47782	13
120066430	120067831	H2AZ_Rep2_peak_47784	24
120075548	120075848	H2AZ_Rep2_peak_47785	33
120189174	120190954	H2AZ_Rep2_peak_47787	31
120219528	120221977	H2AZ_Rep2_peak_47789	85
120427843	120429731	H2AZ_Rep2_peak_47792	227
120565520	120566102	H2AZ_Rep2_peak_47793	110
120844572	120845801	H2AZ_Rep2_peak_47795	157
120867136	120869297	H2AZ_Rep2_peak_47796	198
120885445	120887580	H2AZ_Rep2_peak_47797	272
120929063	120929738	H2AZ_Rep2_peak_47798	37
120931850	120933064	H2AZ_Rep2_peak_47799	45
120994481	120996302	H2AZ_Rep2_peak_47802	37
121135890	121136376	H2AZ_Rep2_peak_47806	64
121377539	121379194	H2AZ_Rep2_peak_47807	22
121456734	121458697	H2AZ_Rep2_peak_47808	196
121798518	121798853	H2AZ_Rep2_peak_47810	13
122020337	122020640	H2AZ_Rep2_peak_47819	35
122109562	122109906	H2AZ_Rep2_peak_47821	25
122163127	122164156	H2AZ_Rep2_peak_47823	17
122175940	122177888	H2AZ_Rep2_peak_47825	25
122410484	122410869	H2AZ_Rep2_peak_47833	39
122466394	122466902	H2AZ_Rep2_peak_47836	22
122514935	122515532	H2AZ_Rep2_peak_47837	14
122572973	122573694	H2AZ_Rep2_peak_47841	31
122611663	122614277	H2AZ_Rep2_peak_47843	32

122653901	122654666	H2AZ_Rep2_peak_47845	28
122681435	122682054	H2AZ_Rep2_peak_47846	45
122709848	122710399	H2AZ_Rep2_peak_47847	14
122730207	122732233	H2AZ_Rep2_peak_47848	20
122735784	122738575	H2AZ_Rep2_peak_47849	162
122754268	122755525	H2AZ_Rep2_peak_47850	36
122813717	122814080	H2AZ_Rep2_peak_47852	18
122823418	122824453	H2AZ_Rep2_peak_47854	97
123029722	123030086	H2AZ_Rep2_peak_47857	37
123179056	123179791	H2AZ_Rep2_peak_47861	30
123256475	123256984	H2AZ_Rep2_peak_47862	22
123600129	123600667	H2AZ_Rep2_peak_47865	26
123669837	123671891	H2AZ_Rep2_peak_47870	56
123697055	123699602	H2AZ_Rep2_peak_47873	88
123705534	123706985	H2AZ_Rep2_peak_47875	35
123733903	123734415	H2AZ_Rep2_peak_47877	50
123745660	123746139	H2AZ_Rep2_peak_47878	15
123792082	123795258	H2AZ_Rep2_peak_47880	102
123807378	123807822	H2AZ_Rep2_peak_47882	77
123982103	123982955	H2AZ_Rep2_peak_47888	30
124053867	124055878	H2AZ_Rep2_peak_47893	179
124069036	124070889	H2AZ_Rep2_peak_47895	79
124083908	124085968	H2AZ_Rep2_peak_47897	149
124168949	124173467	H2AZ_Rep2_peak_47899	124
124168949	124173467	H2AZ_Rep2_peak_47899	124
124176346	124181525	H2AZ_Rep2_peak_47900	76
124186314	124187326	H2AZ_Rep2_peak_47901	174
124189708	124191498	H2AZ_Rep2_peak_47902	92
124192830	124196648	H2AZ_Rep2_peak_47903	124
124252541	124254677	H2AZ_Rep2_peak_47905	91
124285228	124290125	H2AZ_Rep2_peak_47906	111
124297974	124298350	H2AZ_Rep2_peak_47907	41
124407705	124409538	H2AZ_Rep2_peak_47908	102
124415722	124416232	H2AZ_Rep2_peak_47909	67
124428108	124431273	H2AZ_Rep2_peak_47910	139
124552316	124554538	H2AZ_Rep2_peak_47913	84
124641655	124643174	H2AZ_Rep2_peak_47918	16
124779921	124781494	H2AZ_Rep2_peak_47931	103
124849603	124853033	H2AZ_Rep2_peak_47933	20
124868909	124871237	H2AZ_Rep2_peak_47935	54
124889094	124891044	H2AZ_Rep2_peak_47936	79
124931281	124934992	H2AZ_Rep2_peak_47939	31
125193141	125194446	H2AZ_Rep2_peak_47948	28

125210279	125213264	H2AZ_Rep2_peak_47949	43
125238255	125241654	H2AZ_Rep2_peak_47951	53
125259007	125260975	H2AZ_Rep2_peak_47952	115
125273629	125274865	H2AZ_Rep2_peak_47954	43
125281149	125286332	H2AZ_Rep2_peak_47955	64
125383483	125385751	H2AZ_Rep2_peak_47956	98
125436840	125439496	H2AZ_Rep2_peak_47960	79
125452136	125453856	H2AZ_Rep2_peak_47961	35
125461700	125463765	H2AZ_Rep2_peak_47963	157
125485880	125487956	H2AZ_Rep2_peak_47964	86
125550368	125552109	H2AZ_Rep2_peak_47965	152
125632804	125633568	H2AZ_Rep2_peak_47968	78
125637381	125644167	H2AZ_Rep2_peak_47969	52
125637381	125644167	H2AZ_Rep2_peak_47969	52
125654364	125654770	H2AZ_Rep2_peak_47970	27
125796919	125797383	H2AZ_Rep2_peak_47976	16
126009546	126012566	H2AZ_Rep2_peak_47983	128
126103062	126104747	H2AZ_Rep2_peak_47984	157
126271987	126272784	H2AZ_Rep2_peak_47985	42
126391131	126391740	H2AZ_Rep2_peak_47987	56
126397975	126399717	H2AZ_Rep2_peak_47988	124
126403957	126404333	H2AZ_Rep2_peak_47989	32
126421827	126428274	H2AZ_Rep2_peak_47990	78
126441144	126444538	H2AZ_Rep2_peak_47993	70
126463961	126466630	H2AZ_Rep2_peak_47994	73
126475067	126476693	H2AZ_Rep2_peak_47995	141
126477988	126480678	H2AZ_Rep2_peak_47996	36
126540207	126542077	H2AZ_Rep2_peak_47999	82
126568151	126569430	H2AZ_Rep2_peak_48001	214
126575368	126576898	H2AZ_Rep2_peak_48002	329
126587154	126592328	H2AZ_Rep2_peak_48003	37
126606059	126606854	H2AZ_Rep2_peak_48005	69
126618442	126620975	H2AZ_Rep2_peak_48007	26
126656413	126658481	H2AZ_Rep2_peak_48011	21
126667508	126669087	H2AZ_Rep2_peak_48012	77
126675525	126677402	H2AZ_Rep2_peak_48013	61
126692051	126693086	H2AZ_Rep2_peak_48014	31
126698393	126699203	H2AZ_Rep2_peak_48015	42
126708631	126710216	H2AZ_Rep2_peak_48016	28
126712531	126714466	H2AZ_Rep2_peak_48017	25
127445537	127447519	H2AZ_Rep2_peak_48022	36
127461247	127462818	H2AZ_Rep2_peak_48023	26
127500397	127501201	H2AZ_Rep2_peak_48024	59

127509307	127509859	H2AZ_Rep2_peak_48025	18
127518491	127519115	H2AZ_Rep2_peak_48026	70
127559134	127559639	H2AZ_Rep2_peak_48029	85
127569930	127571902	H2AZ_Rep2_peak_48031	137
127583568	127583992	H2AZ_Rep2_peak_48033	25
127836642	127837387	H2AZ_Rep2_peak_48034	39
128264455	128266187	H2AZ_Rep2_peak_48039	76
128305356	128307512	H2AZ_Rep2_peak_48041	22
128378136	128379298	H2AZ_Rep2_peak_48044	22
128403333	128404493	H2AZ_Rep2_peak_48046	56
128490930	128491559	H2AZ_Rep2_peak_48049	30
128519784	128522915	H2AZ_Rep2_peak_48051	31
128519784	128522915	H2AZ_Rep2_peak_48051	31
128744861	128750968	H2AZ_Rep2_peak_48058	35
128771514	128773620	H2AZ_Rep2_peak_48059	59
128806017	128807865	H2AZ_Rep2_peak_48061	94
128866273	128867319	H2AZ_Rep2_peak_48062	24
129180213	129180622	H2AZ_Rep2_peak_48064	20
129188112	129190087	H2AZ_Rep2_peak_48065	39
130764618	130766374	H2AZ_Rep2_peak_48073	53
130798586	130799809	H2AZ_Rep2_peak_48074	135
130837599	130838918	H2AZ_Rep2_peak_48077	37
130951218	130953406	H2AZ_Rep2_peak_48079	104
130983616	130986333	H2AZ_Rep2_peak_48080	51
131027707	131029828	H2AZ_Rep2_peak_48084	81
131044984	131047548	H2AZ_Rep2_peak_48086	38
131053323	131055416	H2AZ_Rep2_peak_48087	146
131454472	131457789	H2AZ_Rep2_peak_48089	85
131530528	131531426	H2AZ_Rep2_peak_48095	51
131693749	131695541	H2AZ_Rep2_peak_48099	77
131739356	131739929	H2AZ_Rep2_peak_48101	35
132868875	132870374	H2AZ_Rep2_peak_48110	35
132901813	132903642	H2AZ_Rep2_peak_48114	46
132915602	132917380	H2AZ_Rep2_peak_48117	240
133687159	133688479	H2AZ_Rep2_peak_48133	62
133772285	133774062	H2AZ_Rep2_peak_48134	11
133786630	133787996	H2AZ_Rep2_peak_48135	180
134003672	134004430	H2AZ_Rep2_peak_48138	30
134162755	134165258	H2AZ_Rep2_peak_48154	29
134307536	134311978	H2AZ_Rep2_peak_48165	63
134314947	134315919	H2AZ_Rep2_peak_48166	68
134350800	134354304	H2AZ_Rep2_peak_48169	42
134366938	134372933	H2AZ_Rep2_peak_48171	37



134366938	134372933	H2AZ_Rep2_peak_48171	37
134384071	134389800	H2AZ_Rep2_peak_48173	72
134393208	134395960	H2AZ_Rep2_peak_48174	38
134400825	134403678	H2AZ_Rep2_peak_48175	57
134414697	134419922	H2AZ_Rep2_peak_48176	75
134460858	134463183	H2AZ_Rep2_peak_48177	28
134581936	134585510	H2AZ_Rep2_peak_48179	157
134686298	134687271	H2AZ_Rep2_peak_48189	44
135563304	135564075	H2AZ_Rep2_peak_48202	24
135696865	135698404	H2AZ_Rep2_peak_48204	35
135723842	135726174	H2AZ_Rep2_peak_48205	168
135790229	135791250	H2AZ_Rep2_peak_48211	51
135843521	135845709	H2AZ_Rep2_peak_48212	128
135855888	135856357	H2AZ_Rep2_peak_48213	14
136467906	136471345	H2AZ_Rep2_peak_48225	77
136467906	136471345	H2AZ_Rep2_peak_48225	77
137930986	137932357	H2AZ_Rep2_peak_48235	37
138052789	138054215	H2AZ_Rep2_peak_48236	80
138158329	138159830	H2AZ_Rep2_peak_48238	38
138161389	138162964	H2AZ_Rep2_peak_48239	36
138167757	138169476	H2AZ_Rep2_peak_48240	113
138185398	138185832	H2AZ_Rep2_peak_48241	46
138332829	138333363	H2AZ_Rep2_peak_48245	16
140613305	140615812	H2AZ_Rep2_peak_48270	18
141247866	141248940	H2AZ_Rep2_peak_48277	94
141466746	141470457	H2AZ_Rep2_peak_48278	57
141473119	141480080	H2AZ_Rep2_peak_48279	72
141473119	141480080	H2AZ_Rep2_peak_48279	72
141520654	141523010	H2AZ_Rep2_peak_48283	80
141646389	141648252	H2AZ_Rep2_peak_48288	44
141656149	141656891	H2AZ_Rep2_peak_48289	27
142010122	142013912	H2AZ_Rep2_peak_48290	51
142029531	142035307	H2AZ_Rep2_peak_48293	30
142036552	142037655	H2AZ_Rep2_peak_48294	147
142044460	142046072	H2AZ_Rep2_peak_48295	150
142047549	142049354	H2AZ_Rep2_peak_48296	72
142083045	142086599	H2AZ_Rep2_peak_48300	102
142094173	142095950	H2AZ_Rep2_peak_48301	99
142122824	142131181	H2AZ_Rep2_peak_48305	84
142136341	142141282	H2AZ_Rep2_peak_48306	50
142162712	142164605	H2AZ_Rep2_peak_48307	22
142167320	142167769	H2AZ_Rep2_peak_48308	26
142170669	142171863	H2AZ_Rep2_peak_48309	35

142216493	142217051	H2AZ_Rep2_peak_48311	14
142241779	142246118	H2AZ_Rep2_peak_48313	106
142249002	142249999	H2AZ_Rep2_peak_48314	69
142348493	142349129	H2AZ_Rep2_peak_48317	103
142356616	142357588	H2AZ_Rep2_peak_48318	64
142376331	142380385	H2AZ_Rep2_peak_48319	64
142376331	142380385	H2AZ_Rep2_peak_48319	64
142385503	142387044	H2AZ_Rep2_peak_48320	69
142399786	142403703	H2AZ_Rep2_peak_48323	123
142464694	142465563	H2AZ_Rep2_peak_48324	69
142577426	142579121	H2AZ_Rep2_peak_48329	15
143315987	143317791	H2AZ_Rep2_peak_48338	23
143483629	143485415	H2AZ_Rep2_peak_48339	81
143756827	143759568	H2AZ_Rep2_peak_48352	21
143762272	143766276	H2AZ_Rep2_peak_48353	56
143780600	143783032	H2AZ_Rep2_peak_48354	66
143797722	143799720	H2AZ_Rep2_peak_48355	63
143807379	143809806	H2AZ_Rep2_peak_48356	134
143820048	143822407	H2AZ_Rep2_peak_48357	100
144097096	144100909	H2AZ_Rep2_peak_48366	118
144097096	144100909	H2AZ_Rep2_peak_48366	118
144120004	144121418	H2AZ_Rep2_peak_48367	147
144300479	144303212	H2AZ_Rep2_peak_48371	113
144329030	144329960	H2AZ_Rep2_peak_48372	23
144348471	144350351	H2AZ_Rep2_peak_48373	105
144363042	144364652	H2AZ_Rep2_peak_48375	71
144373118	144375298	H2AZ_Rep2_peak_48377	64
144415960	144418058	H2AZ_Rep2_peak_48378	108
144419728	144420524	H2AZ_Rep2_peak_48379	56
144449782	144451992	H2AZ_Rep2_peak_48381	149
144465446	144467868	H2AZ_Rep2_peak_48382	34
144481005	144481572	H2AZ_Rep2_peak_48383	85
144489863	144490644	H2AZ_Rep2_peak_48385	46
144512464	144513466	H2AZ_Rep2_peak_48387	46
144601175	144602017	H2AZ_Rep2_peak_48388	51
144622940	144624481	H2AZ_Rep2_peak_48389	90
144635242	144637715	H2AZ_Rep2_peak_48390	75
144639533	144641411	H2AZ_Rep2_peak_48391	59
144651638	144655272	H2AZ_Rep2_peak_48392	64
144659883	144660769	H2AZ_Rep2_peak_48393	35
144678181	144680521	H2AZ_Rep2_peak_48394	47
144691174	144692391	H2AZ_Rep2_peak_48395	59
144699064	144700590	H2AZ_Rep2_peak_48396	110

144717682	144718633	H2AZ_Rep2_peak_48397	61
144766060	144767454	H2AZ_Rep2_peak_48398	109
144821342	144822965	H2AZ_Rep2_peak_48400	81
144911245	144912225	H2AZ_Rep2_peak_48402	61
144922170	144922958	H2AZ_Rep2_peak_48403	41
144951216	144953571	H2AZ_Rep2_peak_48405	39
145030385	145031300	H2AZ_Rep2_peak_48407	109
145049081	145051509	H2AZ_Rep2_peak_48408	49
145059133	145061785	H2AZ_Rep2_peak_48409	118
145063328	145064141	H2AZ_Rep2_peak_48410	29
145132712	145134320	H2AZ_Rep2_peak_48418	153
145136888	145138203	H2AZ_Rep2_peak_48419	57
145149454	145150598	H2AZ_Rep2_peak_48420	40
145157670	145159830	H2AZ_Rep2_peak_48421	73
145514333	145516271	H2AZ_Rep2_peak_48423	28
145549474	145551395	H2AZ_Rep2_peak_48424	114
145561125	145561523	H2AZ_Rep2_peak_48426	57
145581044	145583368	H2AZ_Rep2_peak_48427	123
145596249	145598311	H2AZ_Rep2_peak_48428	112
145633865	145635523	H2AZ_Rep2_peak_48429	98
145652713	145653988	H2AZ_Rep2_peak_48430	104
145669226	145670726	H2AZ_Rep2_peak_48431	74
145690299	145692973	H2AZ_Rep2_peak_48432	60
145702889	145705342	H2AZ_Rep2_peak_48433	45
145733226	145735348	H2AZ_Rep2_peak_48434	74
145742594	145743312	H2AZ_Rep2_peak_48435	29
145747382	145748167	H2AZ_Rep2_peak_48436	47
145754096	145754446	H2AZ_Rep2_peak_48437	42
145909429	145912005	H2AZ_Rep2_peak_48439	87
145980027	145983302	H2AZ_Rep2_peak_48441	61
146010891	146012677	H2AZ_Rep2_peak_48442	22
146023861	146024913	H2AZ_Rep2_peak_48445	55
146030174	146030540	H2AZ_Rep2_peak_48446	45
146051974	146053278	H2AZ_Rep2_peak_48447	34
146077668	146079103	H2AZ_Rep2_peak_48448	132
146125545	146129148	H2AZ_Rep2_peak_48450	105
146175562	146176983	H2AZ_Rep2_peak_48451	108
146227627	146228966	H2AZ_Rep2_peak_48452	133
146276961	146278377	H2AZ_Rep2_peak_48453	68
419762	420228	H2AZ_Rep2_peak_48455	34
436965	439281	H2AZ_Rep2_peak_48457	35
469388	471047	H2AZ_Rep2_peak_48458	89
503447	505260	H2AZ_Rep2_peak_48459	109

557642	558243 H2AZ_Rep2_peak_48460	21
573938	574434 H2AZ_Rep2_peak_48461	32
589825	590288 H2AZ_Rep2_peak_48462	13
677537	677902 H2AZ_Rep2_peak_48464	19
693067	695245 H2AZ_Rep2_peak_48465	33
738411	738846 H2AZ_Rep2_peak_48467	14
755825	756403 H2AZ_Rep2_peak_48469	33
1047667	1048342 H2AZ_Rep2_peak_48473	29
1915383	1916972 H2AZ_Rep2_peak_48475	25
2013973	2018543 H2AZ_Rep2_peak_48476	114
2621287	2622613 H2AZ_Rep2_peak_48478	23
2843136	2845284 H2AZ_Rep2_peak_48479	61
3524608	3527737 H2AZ_Rep2_peak_48481	72
3863238	3863865 H2AZ_Rep2_peak_48482	53
3875571	3875917 H2AZ_Rep2_peak_48483	21
4235727	4236187 H2AZ_Rep2_peak_48488	20
4293688	4294040 H2AZ_Rep2_peak_48491	59
4297055	4299167 H2AZ_Rep2_peak_48492	159
4334217	4334776 H2AZ_Rep2_peak_48494	32
4339274	4339784 H2AZ_Rep2_peak_48495	27
4429454	4430789 H2AZ_Rep2_peak_48498	19
4489376	4491576 H2AZ_Rep2_peak_48499	92
4661883	4663159 H2AZ_Rep2_peak_48501	89
4678537	4680992 H2AZ_Rep2_peak_48502	85
4739184	4742465 H2AZ_Rep2_peak_48503	39
4792021	4794717 H2AZ_Rep2_peak_48508	139
4878819	4879693 H2AZ_Rep2_peak_48509	20
4901415	4902540 H2AZ_Rep2_peak_48510	76
4983847	4986545 H2AZ_Rep2_peak_48511	82
5437013	5439092 H2AZ_Rep2_peak_48514	114
5449813	5450939 H2AZ_Rep2_peak_48515	27
5508653	5511875 H2AZ_Rep2_peak_48520	52
5627427	5630520 H2AZ_Rep2_peak_48523	83
5831930	5833902 H2AZ_Rep2_peak_48524	92
5838839	5840609 H2AZ_Rep2_peak_48525	45
5842659	5846270 H2AZ_Rep2_peak_48526	32
5842659	5846270 H2AZ_Rep2_peak_48526	32
5863115	5864857 H2AZ_Rep2_peak_48529	24
5869443	5871146 H2AZ_Rep2_peak_48530	44
6007022	6008933 H2AZ_Rep2_peak_48533	69
6014979	6016221 H2AZ_Rep2_peak_48534	115
6023905	6024437 H2AZ_Rep2_peak_48535	62
6054500	6055856 H2AZ_Rep2_peak_48537	26

6078834	6081864 H2AZ_Rep2_peak_48541	52
6106716	6107526 H2AZ_Rep2_peak_48543	23
6108892	6111103 H2AZ_Rep2_peak_48544	28
6121752	6122181 H2AZ_Rep2_peak_48545	22
6184088	6185006 H2AZ_Rep2_peak_48550	13
6225736	6227221 H2AZ_Rep2_peak_48554	14
6229190	6231557 H2AZ_Rep2_peak_48555	36
6238517	6239450 H2AZ_Rep2_peak_48557	18
6268875	6269279 H2AZ_Rep2_peak_48558	25
6271044	6272276 H2AZ_Rep2_peak_48559	29
6353894	6356003 H2AZ_Rep2_peak_48564	39
6383848	6384602 H2AZ_Rep2_peak_48566	18
6412606	6414435 H2AZ_Rep2_peak_48567	51
6562829	6568925 H2AZ_Rep2_peak_48569	59
6562829	6568925 H2AZ_Rep2_peak_48569	59
6645707	6646695 H2AZ_Rep2_peak_48575	73
6664301	6664971 H2AZ_Rep2_peak_48576	30
6680471	6682412 H2AZ_Rep2_peak_48578	118
6756570	6759649 H2AZ_Rep2_peak_48580	110
7798621	7800387 H2AZ_Rep2_peak_48584	76
12708915	12709265 H2AZ_Rep2_peak_48589	19
12774864	12776950 H2AZ_Rep2_peak_48591	101
12784092	12785688 H2AZ_Rep2_peak_48592	35
12814017	12814332 H2AZ_Rep2_peak_48593	25
12880396	12880911 H2AZ_Rep2_peak_48595	52
13034091	13034725 H2AZ_Rep2_peak_48596	29
13665610	13666178 H2AZ_Rep2_peak_48599	21
13991874	13992345 H2AZ_Rep2_peak_48603	47
14029862	14032181 H2AZ_Rep2_peak_48605	33
14312717	14319144 H2AZ_Rep2_peak_48606	46
14320766	14323297 H2AZ_Rep2_peak_48607	21
14347420	14349166 H2AZ_Rep2_peak_48608	108
14353079	14353792 H2AZ_Rep2_peak_48609	27
15135271	15137274 H2AZ_Rep2_peak_48613	46
15244193	15244697 H2AZ_Rep2_peak_48615	33
15295339	15297609 H2AZ_Rep2_peak_48617	25
15306572	15309009 H2AZ_Rep2_peak_48618	65
15400751	15401989 H2AZ_Rep2_peak_48619	30
15421465	15423805 H2AZ_Rep2_peak_48621	145
15510502	15513581 H2AZ_Rep2_peak_48622	147
15551842	15553779 H2AZ_Rep2_peak_48623	221
16030590	16032844 H2AZ_Rep2_peak_48625	40
16043825	16045815 H2AZ_Rep2_peak_48626	81

16058284	16060198	H2AZ_Rep2_peak_48627	21
16062949	16063380	H2AZ_Rep2_peak_48628	56
16119489	16122266	H2AZ_Rep2_peak_48633	47
16139067	16139753	H2AZ_Rep2_peak_48636	37
16180589	16181053	H2AZ_Rep2_peak_48640	20
16191792	16192878	H2AZ_Rep2_peak_48642	44
16262507	16263134	H2AZ_Rep2_peak_48648	31
16290043	16292054	H2AZ_Rep2_peak_48650	24
16335659	16336452	H2AZ_Rep2_peak_48653	41
16385892	16388035	H2AZ_Rep2_peak_48655	45
16442507	16442919	H2AZ_Rep2_peak_48657	59
16701691	16706305	H2AZ_Rep2_peak_48660	55
16708421	16708727	H2AZ_Rep2_peak_48661	22
16719944	16720556	H2AZ_Rep2_peak_48662	16
16725954	16728420	H2AZ_Rep2_peak_48663	69
17044766	17045066	H2AZ_Rep2_peak_48672	17
17134217	17136091	H2AZ_Rep2_peak_48676	277
17577719	17579859	H2AZ_Rep2_peak_48677	103
17900779	17901243	H2AZ_Rep2_peak_48682	25
17993803	17997116	H2AZ_Rep2_peak_48684	51
18059088	18059435	H2AZ_Rep2_peak_48685	39
18437337	18438865	H2AZ_Rep2_peak_48688	51
18649973	18650502	H2AZ_Rep2_peak_48692	38
18822040	18822508	H2AZ_Rep2_peak_48693	29
19048364	19050390	H2AZ_Rep2_peak_48699	126
19102392	19103499	H2AZ_Rep2_peak_48700	131
19129809	19130543	H2AZ_Rep2_peak_48702	25
19154092	19156176	H2AZ_Rep2_peak_48704	52
19160056	19162294	H2AZ_Rep2_peak_48705	19
19173660	19174964	H2AZ_Rep2_peak_48706	40
19182561	19184922	H2AZ_Rep2_peak_48707	64
19202293	19202752	H2AZ_Rep2_peak_48708	22
19229578	19231932	H2AZ_Rep2_peak_48709	99
19379909	19381339	H2AZ_Rep2_peak_48710	59
19407857	19410248	H2AZ_Rep2_peak_48711	72
19456530	19457596	H2AZ_Rep2_peak_48712	23
19464256	19465446	H2AZ_Rep2_peak_48713	77
19513347	19514250	H2AZ_Rep2_peak_48714	40
19809505	19810096	H2AZ_Rep2_peak_48715	17
19926286	19926595	H2AZ_Rep2_peak_48717	33
20225704	20226194	H2AZ_Rep2_peak_48718	18
20621062	20624789	H2AZ_Rep2_peak_48722	106
20658420	20659544	H2AZ_Rep2_peak_48723	113

20683417	20685153	H2AZ_Rep2_peak_48724	116
20835623	20836146	H2AZ_Rep2_peak_48725	22
21070235	21070646	H2AZ_Rep2_peak_48727	31
21095963	21097003	H2AZ_Rep2_peak_48729	67
21153863	21154560	H2AZ_Rep2_peak_48730	33
21195470	21195815	H2AZ_Rep2_peak_48731	27
21235547	21236486	H2AZ_Rep2_peak_48732	25
21251381	21251834	H2AZ_Rep2_peak_48733	20
21316217	21316962	H2AZ_Rep2_peak_48734	42
21334618	21336063	H2AZ_Rep2_peak_48735	115
21382080	21383748	H2AZ_Rep2_peak_48737	22
21382080	21383748	H2AZ_Rep2_peak_48737	22
21392815	21393534	H2AZ_Rep2_peak_48738	19
21450914	21451244	H2AZ_Rep2_peak_48742	26
21559852	21562071	H2AZ_Rep2_peak_48743	85
21575553	21580890	H2AZ_Rep2_peak_48746	57
21575553	21580890	H2AZ_Rep2_peak_48746	57
21604466	21606029	H2AZ_Rep2_peak_48751	19
21677493	21678038	H2AZ_Rep2_peak_48754	33
21679546	21681854	H2AZ_Rep2_peak_48755	24
21801516	21803728	H2AZ_Rep2_peak_48761	78
21974505	21975856	H2AZ_Rep2_peak_48762	22
21993383	21996276	H2AZ_Rep2_peak_48763	30
22008631	22009718	H2AZ_Rep2_peak_48764	45
22116596	22118551	H2AZ_Rep2_peak_48767	110
22128793	22129639	H2AZ_Rep2_peak_48768	37
22147608	22149238	H2AZ_Rep2_peak_48771	68
22159697	22160214	H2AZ_Rep2_peak_48773	17
22164958	22165576	H2AZ_Rep2_peak_48774	54
22169202	22171828	H2AZ_Rep2_peak_48775	48
22203563	22204043	H2AZ_Rep2_peak_48776	35
22216656	22217493	H2AZ_Rep2_peak_48778	60
22445625	22448280	H2AZ_Rep2_peak_48780	127
23590159	23590995	H2AZ_Rep2_peak_48783	21
25677196	25679107	H2AZ_Rep2_peak_48785	81
25715934	25716251	H2AZ_Rep2_peak_48786	17
25853942	25854454	H2AZ_Rep2_peak_48789	16
25964255	25965703	H2AZ_Rep2_peak_48790	56
26243135	26243790	H2AZ_Rep2_peak_48794	35
26260318	26261882	H2AZ_Rep2_peak_48795	27
26293047	26293494	H2AZ_Rep2_peak_48796	44
26656199	26656988	H2AZ_Rep2_peak_48800	37
26891807	26893532	H2AZ_Rep2_peak_48804	71

26946570	26948096	H2AZ_Rep2_peak_48805	90
26955302	26957024	H2AZ_Rep2_peak_48807	72
26975561	26976627	H2AZ_Rep2_peak_48808	71
27086922	27087467	H2AZ_Rep2_peak_48810	16
27117440	27120233	H2AZ_Rep2_peak_48813	44
27183791	27184196	H2AZ_Rep2_peak_48815	34
27261012	27262226	H2AZ_Rep2_peak_48817	18
27276090	27276492	H2AZ_Rep2_peak_48818	37
27302921	27303676	H2AZ_Rep2_peak_48821	60
27371267	27371732	H2AZ_Rep2_peak_48822	29
27426301	27428023	H2AZ_Rep2_peak_48824	26
27528822	27530237	H2AZ_Rep2_peak_48826	89
27572592	27574609	H2AZ_Rep2_peak_48827	68
29211172	29214576	H2AZ_Rep2_peak_48831	108
29319613	29320443	H2AZ_Rep2_peak_48832	16
29514382	29515999	H2AZ_Rep2_peak_48835	50
29659499	29659988	H2AZ_Rep2_peak_48836	16
30198154	30198710	H2AZ_Rep2_peak_48841	22
30574491	30576016	H2AZ_Rep2_peak_48849	17
30924325	30924714	H2AZ_Rep2_peak_48854	38
31347128	31347616	H2AZ_Rep2_peak_48855	54
31418413	31419868	H2AZ_Rep2_peak_48856	26
31518933	31519672	H2AZ_Rep2_peak_48857	39
31847886	31849388	H2AZ_Rep2_peak_48859	90
32256285	32257455	H2AZ_Rep2_peak_48860	27
32378723	32381962	H2AZ_Rep2_peak_48861	16
32383919	32385405	H2AZ_Rep2_peak_48862	132
32525668	32526923	H2AZ_Rep2_peak_48864	102
32550606	32553053	H2AZ_Rep2_peak_48865	80
32572483	32573830	H2AZ_Rep2_peak_48866	130
32580745	32581094	H2AZ_Rep2_peak_48868	22
32596116	32597221	H2AZ_Rep2_peak_48869	13
32603902	32604659	H2AZ_Rep2_peak_48870	23
32644531	32645272	H2AZ_Rep2_peak_48872	35
32664970	32665686	H2AZ_Rep2_peak_48873	32
32670414	32673480	H2AZ_Rep2_peak_48874	58
32698760	32699126	H2AZ_Rep2_peak_48875	25
32706300	32708256	H2AZ_Rep2_peak_48877	59
32741746	32742455	H2AZ_Rep2_peak_48881	15
33000915	33002189	H2AZ_Rep2_peak_48888	260
33024403	33025513	H2AZ_Rep2_peak_48889	47
33075952	33077029	H2AZ_Rep2_peak_48890	93
33101221	33104556	H2AZ_Rep2_peak_48892	23



33106728	33107991 H2AZ_Rep2_peak_48893	44
33170669	33172646 H2AZ_Rep2_peak_48895	36
33184737	33188645 H2AZ_Rep2_peak_48897	33
33209802	33212499 H2AZ_Rep2_peak_48899	59
33225306	33233337 H2AZ_Rep2_peak_48901	25
33239602	33241567 H2AZ_Rep2_peak_48903	42
33263860	33265617 H2AZ_Rep2_peak_48904	41
33289999	33291304 H2AZ_Rep2_peak_48905	48
33380309	33382690 H2AZ_Rep2_peak_48908	32
33402835	33403540 H2AZ_Rep2_peak_48911	52
33414157	33416651 H2AZ_Rep2_peak_48912	56
33430998	33431399 H2AZ_Rep2_peak_48913	29
33435984	33437517 H2AZ_Rep2_peak_48914	43
33445408	33448333 H2AZ_Rep2_peak_48916	28
33473328	33474635 H2AZ_Rep2_peak_48918	54
33506324	33507383 H2AZ_Rep2_peak_48919	45
33510763	33511517 H2AZ_Rep2_peak_48920	144
33523077	33525010 H2AZ_Rep2_peak_48921	45
33624163	33624508 H2AZ_Rep2_peak_48923	51
33721611	33722348 H2AZ_Rep2_peak_48925	124
33734354	33735272 H2AZ_Rep2_peak_48926	26
33737949	33738321 H2AZ_Rep2_peak_48927	69
33770654	33771279 H2AZ_Rep2_peak_48930	45
33778579	33779253 H2AZ_Rep2_peak_48931	61
33781879	33783148 H2AZ_Rep2_peak_48932	37
33791091	33791424 H2AZ_Rep2_peak_48933	60
33807423	33807723 H2AZ_Rep2_peak_48934	28
33816141	33818633 H2AZ_Rep2_peak_48936	63
34047261	34050377 H2AZ_Rep2_peak_48937	168
34125503	34127709 H2AZ_Rep2_peak_48939	90
34157985	34159251 H2AZ_Rep2_peak_48940	39
34178387	34179802 H2AZ_Rep2_peak_48942	112
34328453	34330619 H2AZ_Rep2_peak_48944	83
34374300	34380569 H2AZ_Rep2_peak_48945	85
34374300	34380569 H2AZ_Rep2_peak_48945	85
34457718	34460205 H2AZ_Rep2_peak_48947	80
34463117	34464218 H2AZ_Rep2_peak_48948	27
34523216	34523704 H2AZ_Rep2_peak_48949	50
34559155	34561007 H2AZ_Rep2_peak_48951	20
34591490	34593695 H2AZ_Rep2_peak_48955	20
34611321	34613413 H2AZ_Rep2_peak_48956	75
34619874	34621235 H2AZ_Rep2_peak_48957	173
34636809	34638645 H2AZ_Rep2_peak_48958	135

34641315	34641811	H2AZ_Rep2_peak_48959	52
34644749	34647711	H2AZ_Rep2_peak_48960	146
34651300	34652622	H2AZ_Rep2_peak_48961	40
34664583	34666480	H2AZ_Rep2_peak_48962	43
34988793	34990574	H2AZ_Rep2_peak_48967	82
34992309	34995430	H2AZ_Rep2_peak_48968	14
35025381	35028502	H2AZ_Rep2_peak_48970	25
35078338	35080480	H2AZ_Rep2_peak_48971	88
35095741	35096923	H2AZ_Rep2_peak_48972	97
35102209	35103816	H2AZ_Rep2_peak_48973	88
35110563	35112495	H2AZ_Rep2_peak_48974	30
35114437	35117391	H2AZ_Rep2_peak_48975	100
35126275	35127435	H2AZ_Rep2_peak_48976	20
35161197	35163285	H2AZ_Rep2_peak_48978	114
35488941	35491623	H2AZ_Rep2_peak_48982	105
35603302	35606381	H2AZ_Rep2_peak_48984	151
35646154	35647561	H2AZ_Rep2_peak_48985	150
35657072	35659033	H2AZ_Rep2_peak_48986	107
35663275	35665774	H2AZ_Rep2_peak_48987	84
35673276	35674519	H2AZ_Rep2_peak_48989	90
35689147	35692117	H2AZ_Rep2_peak_48990	33
35730490	35733564	H2AZ_Rep2_peak_48991	51
35748569	35750316	H2AZ_Rep2_peak_48992	49
35756358	35757712	H2AZ_Rep2_peak_48993	45
35814285	35815952	H2AZ_Rep2_peak_48994	72
35825969	35826576	H2AZ_Rep2_peak_48995	95
35828280	35831324	H2AZ_Rep2_peak_48996	99
35905025	35914625	H2AZ_Rep2_peak_49001	74
35905025	35914625	H2AZ_Rep2_peak_49001	74
35905025	35914625	H2AZ_Rep2_peak_49001	74
35923480	35924881	H2AZ_Rep2_peak_49002	31
35943714	35946691	H2AZ_Rep2_peak_49004	94
36008314	36009203	H2AZ_Rep2_peak_49008	15
36036401	36037743	H2AZ_Rep2_peak_49010	70
36165939	36166985	H2AZ_Rep2_peak_49013	65
36189892	36191775	H2AZ_Rep2_peak_49014	57
36257936	36259214	H2AZ_Rep2_peak_49015	86
36276303	36277141	H2AZ_Rep2_peak_49016	46
36296382	36299351	H2AZ_Rep2_peak_49017	66
36296382	36299351	H2AZ_Rep2_peak_49017	66
36306273	36308539	H2AZ_Rep2_peak_49018	134
36316266	36318220	H2AZ_Rep2_peak_49019	33
36327548	36329033	H2AZ_Rep2_peak_49020	111

36400058	36402779	H2AZ_Rep2_peak_49021	75
36486650	36488826	H2AZ_Rep2_peak_49024	165
36566505	36567658	H2AZ_Rep2_peak_49025	129
36572197	36576317	H2AZ_Rep2_peak_49026	104
36936161	36936890	H2AZ_Rep2_peak_49035	19
36995520	36997228	H2AZ_Rep2_peak_49037	58
37078977	37080738	H2AZ_Rep2_peak_49038	200
37104081	37104970	H2AZ_Rep2_peak_49039	56
37119534	37121268	H2AZ_Rep2_peak_49040	225
37413522	37416926	H2AZ_Rep2_peak_49042	126
37421902	37423197	H2AZ_Rep2_peak_49043	125
37464561	37466618	H2AZ_Rep2_peak_49044	75
37471317	37473070	H2AZ_Rep2_peak_49045	37
37481575	37482239	H2AZ_Rep2_peak_49046	40
37485032	37486879	H2AZ_Rep2_peak_49047	96
37591868	37595343	H2AZ_Rep2_peak_49048	91
37591868	37595343	H2AZ_Rep2_peak_49048	91
37746932	37748049	H2AZ_Rep2_peak_49054	19
37752901	37754627	H2AZ_Rep2_peak_49055	165
37784537	37786215	H2AZ_Rep2_peak_49056	100
37799624	37801963	H2AZ_Rep2_peak_49057	81
37903035	37905093	H2AZ_Rep2_peak_49058	111
38067279	38071257	H2AZ_Rep2_peak_49063	60
38380467	38381347	H2AZ_Rep2_peak_49067	22
38390760	38393815	H2AZ_Rep2_peak_49068	86
38619673	38621314	H2AZ_Rep2_peak_49070	44
66457272	66459027	H2AZ_Rep2_peak_49075	76
68988992	68989574	H2AZ_Rep2_peak_49081	59
71115294	71116683	H2AZ_Rep2_peak_49082	27
71394085	71395807	H2AZ_Rep2_peak_49083	239
71447960	71448614	H2AZ_Rep2_peak_49086	59
71650426	71652012	H2AZ_Rep2_peak_49089	131
71719960	71720367	H2AZ_Rep2_peak_49090	73
71735475	71738083	H2AZ_Rep2_peak_49091	68
71939905	71940443	H2AZ_Rep2_peak_49093	26
71994289	71994842	H2AZ_Rep2_peak_49095	15
72373802	72375590	H2AZ_Rep2_peak_49097	62
72872633	72874705	H2AZ_Rep2_peak_49106	111
73027884	73029519	H2AZ_Rep2_peak_49107	98
73033106	73036483	H2AZ_Rep2_peak_49108	65
73053312	73054018	H2AZ_Rep2_peak_49109	70
74261874	74262644	H2AZ_Rep2_peak_49118	96
74292771	74295004	H2AZ_Rep2_peak_49119	90

74382381	74385515 H2AZ_Rep2_peak_49120	77
74397891	74398529 H2AZ_Rep2_peak_49121	38
74525064	74527347 H2AZ_Rep2_peak_49124	101
74627472	74628886 H2AZ_Rep2_peak_49126	31
74654053	74657736 H2AZ_Rep2_peak_49128	44
74654053	74657736 H2AZ_Rep2_peak_49128	44
74741727	74742918 H2AZ_Rep2_peak_49131	16
74752438	74756558 H2AZ_Rep2_peak_49133	25
74760113	74765431 H2AZ_Rep2_peak_49134	45
74919877	74920483 H2AZ_Rep2_peak_49137	40
74930714	74931053 H2AZ_Rep2_peak_49138	46
74979771	74981150 H2AZ_Rep2_peak_49139	81
75056829	75057340 H2AZ_Rep2_peak_49141	17
75092823	75093284 H2AZ_Rep2_peak_49142	77
75140532	75141836 H2AZ_Rep2_peak_49143	12
75154044	75155923 H2AZ_Rep2_peak_49144	67
75168967	75169662 H2AZ_Rep2_peak_49145	34
75190529	75195331 H2AZ_Rep2_peak_49147	22
75471169	75474758 H2AZ_Rep2_peak_49151	61
75695092	75695618 H2AZ_Rep2_peak_49154	61
75708367	75710016 H2AZ_Rep2_peak_49155	18
75746604	75747479 H2AZ_Rep2_peak_49156	12
75760697	75761275 H2AZ_Rep2_peak_49157	21
75791037	75791580 H2AZ_Rep2_peak_49158	46
75799544	75800101 H2AZ_Rep2_peak_49160	48
75884179	75884522 H2AZ_Rep2_peak_49162	20
75886145	75886486 H2AZ_Rep2_peak_49163	36
77281648	77282122 H2AZ_Rep2_peak_49170	80
77566514	77568627 H2AZ_Rep2_peak_49172	59
77642186	77644097 H2AZ_Rep2_peak_49174	77
77702135	77704530 H2AZ_Rep2_peak_49175	73
77784852	77786210 H2AZ_Rep2_peak_49176	57
77853463	77854598 H2AZ_Rep2_peak_49178	34
78936035	78937889 H2AZ_Rep2_peak_49184	34
79008401	79010714 H2AZ_Rep2_peak_49186	118
79018390	79018960 H2AZ_Rep2_peak_49188	34
79029542	79031404 H2AZ_Rep2_peak_49190	36
79073574	79075359 H2AZ_Rep2_peak_49192	80
79791509	79793644 H2AZ_Rep2_peak_49198	115
80645121	80647955 H2AZ_Rep2_peak_49203	50
80747409	80748105 H2AZ_Rep2_peak_49205	22
80850130	80851887 H2AZ_Rep2_peak_49206	136
80909736	80912914 H2AZ_Rep2_peak_49207	124

81054177	81054884	H2AZ_Rep2_peak_49208	22
81484830	81486567	H2AZ_Rep2_peak_49209	66
81547557	81548578	H2AZ_Rep2_peak_49210	13
82104287	82104587	H2AZ_Rep2_peak_49212	35
82185906	82187288	H2AZ_Rep2_peak_49213	90
82472242	82473947	H2AZ_Rep2_peak_49215	35
85676870	85678406	H2AZ_Rep2_peak_49219	54
85833480	85835233	H2AZ_Rep2_peak_49222	40
86046668	86047223	H2AZ_Rep2_peak_49223	58
86152847	86154755	H2AZ_Rep2_peak_49229	112
86158860	86159734	H2AZ_Rep2_peak_49230	42
86237293	86238933	H2AZ_Rep2_peak_49232	108
86322069	86323862	H2AZ_Rep2_peak_49233	131
86431393	86433199	H2AZ_Rep2_peak_49234	28
86535422	86537278	H2AZ_Rep2_peak_49236	50
86548521	86550647	H2AZ_Rep2_peak_49238	30
86570710	86572276	H2AZ_Rep2_peak_49239	144
86576977	86577901	H2AZ_Rep2_peak_49240	37
86594714	86596453	H2AZ_Rep2_peak_49241	40
86795513	86797240	H2AZ_Rep2_peak_49245	32
86821563	86822859	H2AZ_Rep2_peak_49247	13
86930076	86930697	H2AZ_Rep2_peak_49254	17
86937962	86942183	H2AZ_Rep2_peak_49256	36
86946275	86946717	H2AZ_Rep2_peak_49257	22
86957916	86958472	H2AZ_Rep2_peak_49259	15
86971199	86973098	H2AZ_Rep2_peak_49261	104
88355854	88359106	H2AZ_Rep2_peak_49271	80
88419627	88421167	H2AZ_Rep2_peak_49272	28
88554994	88556885	H2AZ_Rep2_peak_49274	56
88713362	88715188	H2AZ_Rep2_peak_49275	85
88741777	88742877	H2AZ_Rep2_peak_49277	45
88896486	88898498	H2AZ_Rep2_peak_49278	112
88968628	88970116	H2AZ_Rep2_peak_49279	84
89021026	89023516	H2AZ_Rep2_peak_49281	20
89073104	89073585	H2AZ_Rep2_peak_49282	52
89078989	89079976	H2AZ_Rep2_peak_49283	41
89115899	89116471	H2AZ_Rep2_peak_49284	26
89177611	89178908	H2AZ_Rep2_peak_49286	25
89200395	89201182	H2AZ_Rep2_peak_49287	17
89310382	89311067	H2AZ_Rep2_peak_49291	25
89334800	89338349	H2AZ_Rep2_peak_49293	64
89380933	89382855	H2AZ_Rep2_peak_49294	31
89560232	89564522	H2AZ_Rep2_peak_49295	68

89573908	89576040	H2AZ_Rep2_peak_49296	63
89593374	89594723	H2AZ_Rep2_peak_49297	23
89598856	89600892	H2AZ_Rep2_peak_49298	18
89609801	89610502	H2AZ_Rep2_peak_49299	38
89762657	89764048	H2AZ_Rep2_peak_49302	69
89951286	89952894	H2AZ_Rep2_peak_49307	70
89985056	89991102	H2AZ_Rep2_peak_49308	37
89985056	89991102	H2AZ_Rep2_peak_49308	37
89996562	89999201	H2AZ_Rep2_peak_49309	81
90022755	90023534	H2AZ_Rep2_peak_49310	27
90060659	90061161	H2AZ_Rep2_peak_49313	67
90112102	90113665	H2AZ_Rep2_peak_49315	75
90130161	90132001	H2AZ_Rep2_peak_49317	58
90326844	90329771	H2AZ_Rep2_peak_49319	96
90340250	90342962	H2AZ_Rep2_peak_49321	235
90357491	90358325	H2AZ_Rep2_peak_49322	34
90405698	90409336	H2AZ_Rep2_peak_49325	35
90477516	90478110	H2AZ_Rep2_peak_49329	30
90493479	90493885	H2AZ_Rep2_peak_49330	21
90575176	90575557	H2AZ_Rep2_peak_49331	29
90588399	90590253	H2AZ_Rep2_peak_49332	169
90690593	90692265	H2AZ_Rep2_peak_49333	112
90812662	90814441	H2AZ_Rep2_peak_49337	29
90863761	90864859	H2AZ_Rep2_peak_49338	17
90883993	90888214	H2AZ_Rep2_peak_49341	41
90986552	90988280	H2AZ_Rep2_peak_49343	15
91001985	91004500	H2AZ_Rep2_peak_49344	139
91143658	91150724	H2AZ_Rep2_peak_49345	76
91193071	91194387	H2AZ_Rep2_peak_49346	70
91198363	91199623	H2AZ_Rep2_peak_49347	14
91294838	91296662	H2AZ_Rep2_peak_49352	50
91337977	91338301	H2AZ_Rep2_peak_49354	30
91357334	91357776	H2AZ_Rep2_peak_49356	60
91360848	91364103	H2AZ_Rep2_peak_49357	120
91387294	91393242	H2AZ_Rep2_peak_49359	49
91387294	91393242	H2AZ_Rep2_peak_49359	49
91418712	91419469	H2AZ_Rep2_peak_49362	97
91423243	91426102	H2AZ_Rep2_peak_49363	72
91448246	91448697	H2AZ_Rep2_peak_49366	50
91546015	91548606	H2AZ_Rep2_peak_49370	25
91565169	91566851	H2AZ_Rep2_peak_49372	42
91606455	91607201	H2AZ_Rep2_peak_49376	33
91615334	91616563	H2AZ_Rep2_peak_49378	33

91768371	91770568	H2AZ_Rep2_peak_49382	44
91794330	91795838	H2AZ_Rep2_peak_49383	155
91933243	91934952	H2AZ_Rep2_peak_49386	18
92112200	92114054	H2AZ_Rep2_peak_49389	75
92123153	92124630	H2AZ_Rep2_peak_49391	109
92133829	92137848	H2AZ_Rep2_peak_49392	35
92133829	92137848	H2AZ_Rep2_peak_49392	35
92171465	92173129	H2AZ_Rep2_peak_49397	26
92179198	92179764	H2AZ_Rep2_peak_49399	55
92761760	92762680	H2AZ_Rep2_peak_49405	62
92806255	92808529	H2AZ_Rep2_peak_49406	47
93741213	93741672	H2AZ_Rep2_peak_49416	14
93799465	93801586	H2AZ_Rep2_peak_49417	63
93823086	93824849	H2AZ_Rep2_peak_49418	17
93833493	93834660	H2AZ_Rep2_peak_49419	64
93925903	93929357	H2AZ_Rep2_peak_49423	35
93948874	93949412	H2AZ_Rep2_peak_49425	64
93956103	93956803	H2AZ_Rep2_peak_49426	39
94123450	94125005	H2AZ_Rep2_peak_49428	156
94185275	94187191	H2AZ_Rep2_peak_49429	35
94249612	94251251	H2AZ_Rep2_peak_49431	21
94262857	94263243	H2AZ_Rep2_peak_49432	40
94579623	94580351	H2AZ_Rep2_peak_49436	19
94600276	94601339	H2AZ_Rep2_peak_49437	15
94707817	94708473	H2AZ_Rep2_peak_49439	29
94710703	94711780	H2AZ_Rep2_peak_49440	31
94716823	94717575	H2AZ_Rep2_peak_49441	56
94877125	94878310	H2AZ_Rep2_peak_49442	47
94895762	94896964	H2AZ_Rep2_peak_49445	57
94900582	94903353	H2AZ_Rep2_peak_49446	33
95054638	95057095	H2AZ_Rep2_peak_49449	35
95087178	95088869	H2AZ_Rep2_peak_49450	153
95267338	95270204	H2AZ_Rep2_peak_49451	33
95431373	95433729	H2AZ_Rep2_peak_49452	104
95525990	95528749	H2AZ_Rep2_peak_49455	85
95639623	95640922	H2AZ_Rep2_peak_49462	179
95696353	95696903	H2AZ_Rep2_peak_49464	51
95716166	95717292	H2AZ_Rep2_peak_49466	62
95765645	95767041	H2AZ_Rep2_peak_49469	115
95856090	95859112	H2AZ_Rep2_peak_49472	104
95860693	95861099	H2AZ_Rep2_peak_49473	29
95878201	95878975	H2AZ_Rep2_peak_49474	113
95881855	95882943	H2AZ_Rep2_peak_49475	33

95894269	95897215	H2AZ_Rep2_peak_49476	93
95906133	95907143	H2AZ_Rep2_peak_49478	82
95921969	95922328	H2AZ_Rep2_peak_49479	25
95945861	95946900	H2AZ_Rep2_peak_49481	83
95979650	95981211	H2AZ_Rep2_peak_49482	65
95984415	95987544	H2AZ_Rep2_peak_49483	68
96092046	96092567	H2AZ_Rep2_peak_49485	16
96213032	96214795	H2AZ_Rep2_peak_49488	52
96329038	96329700	H2AZ_Rep2_peak_49489	66
96337608	96340163	H2AZ_Rep2_peak_49490	63
96712015	96713084	H2AZ_Rep2_peak_49496	71
96722613	96725841	H2AZ_Rep2_peak_49498	37
96740043	96741796	H2AZ_Rep2_peak_49500	34
96792299	96794121	H2AZ_Rep2_peak_49502	128
96900852	96903665	H2AZ_Rep2_peak_49504	82
96927052	96929517	H2AZ_Rep2_peak_49507	37
96974772	96977041	H2AZ_Rep2_peak_49508	22
97020478	97022153	H2AZ_Rep2_peak_49511	111
97040440	97041017	H2AZ_Rep2_peak_49512	36
97316096	97317718	H2AZ_Rep2_peak_49513	112
97365561	97366251	H2AZ_Rep2_peak_49514	61
97410388	97413560	H2AZ_Rep2_peak_49516	75
97430811	97432554	H2AZ_Rep2_peak_49517	56
97435159	97436004	H2AZ_Rep2_peak_49518	45
97442517	97444448	H2AZ_Rep2_peak_49520	19
97486928	97489657	H2AZ_Rep2_peak_49523	90
97545173	97545489	H2AZ_Rep2_peak_49524	44
97553643	97555678	H2AZ_Rep2_peak_49525	38
97567249	97567666	H2AZ_Rep2_peak_49526	20
97707669	97708742	H2AZ_Rep2_peak_49531	45
97765184	97767592	H2AZ_Rep2_peak_49533	31
97810786	97811386	H2AZ_Rep2_peak_49534	38
98077547	98080425	H2AZ_Rep2_peak_49535	42
98135248	98136410	H2AZ_Rep2_peak_49536	63
98143016	98144189	H2AZ_Rep2_peak_49537	89
98188401	98190010	H2AZ_Rep2_peak_49538	58
98267582	98274827	H2AZ_Rep2_peak_49541	69
98278772	98279387	H2AZ_Rep2_peak_49542	26
98389693	98390534	H2AZ_Rep2_peak_49550	29
98577584	98578072	H2AZ_Rep2_peak_49556	95
98584533	98586158	H2AZ_Rep2_peak_49557	127
98636975	98639291	H2AZ_Rep2_peak_49558	93
98899654	98900220	H2AZ_Rep2_peak_49560	15



98979815	98980969	H2AZ_Rep2_peak_49562	39
99019077	99019447	H2AZ_Rep2_peak_49564	42
99145178	99146634	H2AZ_Rep2_peak_49568	93
99179183	99183597	H2AZ_Rep2_peak_49569	39
99211692	99213774	H2AZ_Rep2_peak_49571	97
99328446	99330033	H2AZ_Rep2_peak_49572	49
99380494	99384309	H2AZ_Rep2_peak_49573	46
99389363	99389711	H2AZ_Rep2_peak_49574	27
99416741	99418224	H2AZ_Rep2_peak_49576	55
99539585	99541265	H2AZ_Rep2_peak_49577	78
99615720	99617116	H2AZ_Rep2_peak_49578	57
99775844	99776538	H2AZ_Rep2_peak_49581	44
99801083	99802034	H2AZ_Rep2_peak_49582	123
99999706	100002441	H2AZ_Rep2_peak_49583	101
100173596	100175628	H2AZ_Rep2_peak_49586	67
100263314	100264676	H2AZ_Rep2_peak_49588	41
100266111	100267409	H2AZ_Rep2_peak_49589	32
100280012	100282027	H2AZ_Rep2_peak_49591	50
100287476	100288347	H2AZ_Rep2_peak_49592	36
100326463	100327145	H2AZ_Rep2_peak_49593	24
100394002	100396655	H2AZ_Rep2_peak_49596	54
100458617	100460335	H2AZ_Rep2_peak_49597	92
100465785	100466600	H2AZ_Rep2_peak_49598	96
100472584	100473630	H2AZ_Rep2_peak_49599	28
100476154	100477148	H2AZ_Rep2_peak_49600	39
100499642	100500356	H2AZ_Rep2_peak_49601	41
100527440	100529117	H2AZ_Rep2_peak_49603	20
100531034	100533043	H2AZ_Rep2_peak_49604	24
100548624	100549003	H2AZ_Rep2_peak_49606	18
100564288	100566814	H2AZ_Rep2_peak_49607	116
100615609	100616795	H2AZ_Rep2_peak_49608	82
100635787	100641533	H2AZ_Rep2_peak_49609	51
100635787	100641533	H2AZ_Rep2_peak_49609	51
100684181	100687089	H2AZ_Rep2_peak_49610	68
100713252	100713811	H2AZ_Rep2_peak_49611	73
100744640	100745396	H2AZ_Rep2_peak_49613	58
100796812	100797719	H2AZ_Rep2_peak_49615	52
100818388	100820041	H2AZ_Rep2_peak_49616	67
100880301	100883085	H2AZ_Rep2_peak_49618	177
100904350	100905097	H2AZ_Rep2_peak_49619	151
100908210	100909196	H2AZ_Rep2_peak_49620	90
100954309	100956157	H2AZ_Rep2_peak_49621	89
100985300	100986095	H2AZ_Rep2_peak_49622	26

101010439	101012773	H2AZ_Rep2_peak_49623	86
101017079	101019438	H2AZ_Rep2_peak_49624	121
101050956	101051738	H2AZ_Rep2_peak_49626	45
101068557	101069859	H2AZ_Rep2_peak_49627	17
101142376	101142964	H2AZ_Rep2_peak_49630	34
101337762	101338438	H2AZ_Rep2_peak_49633	43
101557903	101559485	H2AZ_Rep2_peak_49637	58
101610739	101611559	H2AZ_Rep2_peak_49640	97
101623332	101625273	H2AZ_Rep2_peak_49641	50
101629058	101630602	H2AZ_Rep2_peak_49642	96
101649116	101649682	H2AZ_Rep2_peak_49643	31
101691946	101694015	H2AZ_Rep2_peak_49648	60
101760801	101761618	H2AZ_Rep2_peak_49653	39
101772737	101773293	H2AZ_Rep2_peak_49654	27
101775450	101776974	H2AZ_Rep2_peak_49655	50
101781291	101785013	H2AZ_Rep2_peak_49656	26
101792420	101793831	H2AZ_Rep2_peak_49657	24
101866392	101868066	H2AZ_Rep2_peak_49661	86
101945771	101948295	H2AZ_Rep2_peak_49663	57
101983470	101985076	H2AZ_Rep2_peak_49664	139
102028646	102029101	H2AZ_Rep2_peak_49666	32
102581462	102586937	H2AZ_Rep2_peak_49670	132
102668003	102669779	H2AZ_Rep2_peak_49671	102
102860452	102862447	H2AZ_Rep2_peak_49672	246
103114456	103116037	H2AZ_Rep2_peak_49673	83
103172776	103174682	H2AZ_Rep2_peak_49674	138
103188284	103191471	H2AZ_Rep2_peak_49675	77
104160108	104161996	H2AZ_Rep2_peak_49682	97
104207651	104208279	H2AZ_Rep2_peak_49683	105
104211194	104212021	H2AZ_Rep2_peak_49684	81
104224803	104225903	H2AZ_Rep2_peak_49685	21
104227498	104228852	H2AZ_Rep2_peak_49686	26
104248214	104250035	H2AZ_Rep2_peak_49687	96
104295275	104296847	H2AZ_Rep2_peak_49688	233
106855105	106857367	H2AZ_Rep2_peak_49695	81
107509169	107511368	H2AZ_Rep2_peak_49698	128
107525902	107526636	H2AZ_Rep2_peak_49699	72
107553723	107554365	H2AZ_Rep2_peak_49703	48
107572876	107573767	H2AZ_Rep2_peak_49705	167
107630970	107631353	H2AZ_Rep2_peak_49711	13
107635418	107636092	H2AZ_Rep2_peak_49712	36
107666013	107670356	H2AZ_Rep2_peak_49713	44
107723616	107724319	H2AZ_Rep2_peak_49715	24

107730165	107731868	H2AZ_Rep2_peak_49716	172
107753058	107756215	H2AZ_Rep2_peak_49718	128
107769025	107770016	H2AZ_Rep2_peak_49720	45
107826197	107827461	H2AZ_Rep2_peak_49722	126
107917090	107917398	H2AZ_Rep2_peak_49726	38
108005380	108008381	H2AZ_Rep2_peak_49732	87
108209633	108211209	H2AZ_Rep2_peak_49736	158
108319843	108321173	H2AZ_Rep2_peak_49737	254
108434999	108436379	H2AZ_Rep2_peak_49739	24
108455708	108457911	H2AZ_Rep2_peak_49740	102
108643495	108644373	H2AZ_Rep2_peak_49741	13
109624986	109625996	H2AZ_Rep2_peak_49742	100
109683138	109684094	H2AZ_Rep2_peak_49743	56
109975810	109976301	H2AZ_Rep2_peak_49745	31
110044546	110046549	H2AZ_Rep2_peak_49748	62
110187200	110188003	H2AZ_Rep2_peak_49754	47
110200495	110201178	H2AZ_Rep2_peak_49755	69
110242710	110243270	H2AZ_Rep2_peak_49756	35
110250753	110252905	H2AZ_Rep2_peak_49757	85
110266349	110267717	H2AZ_Rep2_peak_49758	108
110310017	110311732	H2AZ_Rep2_peak_49759	68
110319805	110320408	H2AZ_Rep2_peak_49760	23
110331170	110333374	H2AZ_Rep2_peak_49761	24
110473215	110475725	H2AZ_Rep2_peak_49766	67
110494044	110504241	H2AZ_Rep2_peak_49767	61
110494044	110504241	H2AZ_Rep2_peak_49767	61
110510823	110514398	H2AZ_Rep2_peak_49768	17
110546501	110547257	H2AZ_Rep2_peak_49770	35
110618891	110619348	H2AZ_Rep2_peak_49771	62
110645840	110646205	H2AZ_Rep2_peak_49772	44
110815758	110816365	H2AZ_Rep2_peak_49776	46
110856391	110856743	H2AZ_Rep2_peak_49777	28
110862172	110862554	H2AZ_Rep2_peak_49778	34
111034286	111034890	H2AZ_Rep2_peak_49782	15
111305302	111306236	H2AZ_Rep2_peak_49784	33
111506055	111506763	H2AZ_Rep2_peak_49792	25
111523873	111524679	H2AZ_Rep2_peak_49793	14
111539178	111543968	H2AZ_Rep2_peak_49794	48
111549604	111550265	H2AZ_Rep2_peak_49795	34
111565105	111565415	H2AZ_Rep2_peak_49797	29
111695143	111697389	H2AZ_Rep2_peak_49802	198
111774482	111776403	H2AZ_Rep2_peak_49803	70
111881224	111883791	H2AZ_Rep2_peak_49804	82

111906060	111906719	H2AZ_Rep2_peak_49806	51
112078201	112079041	H2AZ_Rep2_peak_49811	67
112083364	112084474	H2AZ_Rep2_peak_49812	137
112089594	112092462	H2AZ_Rep2_peak_49813	51
112259655	112261289	H2AZ_Rep2_peak_49816	83
113017499	113021353	H2AZ_Rep2_peak_49829	66
113052769	113055205	H2AZ_Rep2_peak_49830	116
113065256	113065916	H2AZ_Rep2_peak_49831	22
114244580	114248101	H2AZ_Rep2_peak_49837	58
114360206	114362261	H2AZ_Rep2_peak_49839	84
114363479	114364333	H2AZ_Rep2_peak_49840	11
114385231	114385737	H2AZ_Rep2_peak_49841	34
114392660	114394245	H2AZ_Rep2_peak_49842	142
114423329	114425022	H2AZ_Rep2_peak_49843	71
114556840	114557739	H2AZ_Rep2_peak_49845	46
114567055	114569815	H2AZ_Rep2_peak_49846	36
114601546	114602047	H2AZ_Rep2_peak_49848	14
114612254	114614289	H2AZ_Rep2_peak_49850	22
114654003	114654458	H2AZ_Rep2_peak_49852	30
114658448	114660447	H2AZ_Rep2_peak_49853	23
114720404	114720864	H2AZ_Rep2_peak_49854	47
114773600	114775864	H2AZ_Rep2_peak_49858	38
114803863	114804576	H2AZ_Rep2_peak_49859	106
114823366	114823694	H2AZ_Rep2_peak_49861	23
114827846	114829637	H2AZ_Rep2_peak_49862	19
114834900	114836955	H2AZ_Rep2_peak_49863	72
114935807	114938109	H2AZ_Rep2_peak_49864	70
115095226	115097449	H2AZ_Rep2_peak_49865	58
115104217	115104587	H2AZ_Rep2_peak_49866	24
115140853	115142800	H2AZ_Rep2_peak_49867	79
115248217	115250033	H2AZ_Rep2_peak_49868	194
115479464	115481002	H2AZ_Rep2_peak_49869	96
115512030	115514296	H2AZ_Rep2_peak_49871	151
115628680	115630510	H2AZ_Rep2_peak_49872	23
115665325	115667506	H2AZ_Rep2_peak_49873	21
115773793	115774611	H2AZ_Rep2_peak_49875	31
115818151	115819765	H2AZ_Rep2_peak_49876	161
115912806	115913702	H2AZ_Rep2_peak_49877	82
115982778	115985252	H2AZ_Rep2_peak_49879	96
116036895	116038666	H2AZ_Rep2_peak_49880	112
116101728	116103917	H2AZ_Rep2_peak_49881	126
116114619	116115309	H2AZ_Rep2_peak_49883	20
116138790	116139892	H2AZ_Rep2_peak_49886	93

116142945	116143645	H2AZ_Rep2_peak_49887	101
116162697	116164375	H2AZ_Rep2_peak_49888	129
116171978	116173613	H2AZ_Rep2_peak_49889	113
116216779	116218578	H2AZ_Rep2_peak_49890	52
116224092	116226974	H2AZ_Rep2_peak_49891	143
116382587	116383445	H2AZ_Rep2_peak_49893	26
116417400	116417965	H2AZ_Rep2_peak_49895	41
116444321	116445052	H2AZ_Rep2_peak_49898	14
116569991	116571267	H2AZ_Rep2_peak_49901	20
116639018	116639360	H2AZ_Rep2_peak_49902	17
116917004	116919017	H2AZ_Rep2_peak_49905	33
117080023	117080768	H2AZ_Rep2_peak_49906	45
117147442	117148236	H2AZ_Rep2_peak_49909	43
117159828	117161251	H2AZ_Rep2_peak_49910	63
117245856	117247716	H2AZ_Rep2_peak_49912	52
117263937	117264794	H2AZ_Rep2_peak_49914	63
117266743	117268914	H2AZ_Rep2_peak_49915	48
117312002	117316337	H2AZ_Rep2_peak_49917	59
117320463	117320925	H2AZ_Rep2_peak_49918	28
117347928	117350692	H2AZ_Rep2_peak_49921	87
117372851	117374829	H2AZ_Rep2_peak_49922	79
117415628	117416068	H2AZ_Rep2_peak_49923	23
117567910	117568776	H2AZ_Rep2_peak_49932	108
117646946	117647527	H2AZ_Rep2_peak_49933	16
117715991	117716792	H2AZ_Rep2_peak_49936	46
117720392	117721169	H2AZ_Rep2_peak_49937	16
117880750	117881085	H2AZ_Rep2_peak_49939	20
118352148	118356013	H2AZ_Rep2_peak_49942	35
118377404	118379065	H2AZ_Rep2_peak_49944	18
118430522	118431456	H2AZ_Rep2_peak_49945	19
118432852	118436119	H2AZ_Rep2_peak_49946	42
118492627	118493336	H2AZ_Rep2_peak_49947	41
118553229	118553574	H2AZ_Rep2_peak_49948	26
118706420	118707489	H2AZ_Rep2_peak_49950	35
118914442	118919554	H2AZ_Rep2_peak_49951	63
118914442	118919554	H2AZ_Rep2_peak_49951	63
119312929	119313890	H2AZ_Rep2_peak_49957	20
119329108	119329710	H2AZ_Rep2_peak_49958	58
119448653	119450395	H2AZ_Rep2_peak_49961	124
119867504	119868058	H2AZ_Rep2_peak_49964	38
120406781	120407964	H2AZ_Rep2_peak_49966	34
120465993	120467048	H2AZ_Rep2_peak_49967	96
120545211	120546413	H2AZ_Rep2_peak_49969	33

121093144	121094163	H2AZ_Rep2_peak_49973	20
121771508	121771967	H2AZ_Rep2_peak_49979	41
123294560	123295231	H2AZ_Rep2_peak_49996	30
123341435	123344501	H2AZ_Rep2_peak_49997	181
123349718	123350200	H2AZ_Rep2_peak_49998	45
123475438	123478245	H2AZ_Rep2_peak_50001	131
123485736	123486604	H2AZ_Rep2_peak_50002	69
123492214	123493890	H2AZ_Rep2_peak_50003	22
123497074	123497839	H2AZ_Rep2_peak_50004	43
123554951	123556612	H2AZ_Rep2_peak_50006	188
123604536	123606373	H2AZ_Rep2_peak_50007	267
123630395	123632178	H2AZ_Rep2_peak_50008	70
123637966	123641102	H2AZ_Rep2_peak_50010	136
123659206	123659699	H2AZ_Rep2_peak_50013	34
123671446	123673047	H2AZ_Rep2_peak_50016	38
123681214	123683328	H2AZ_Rep2_peak_50018	51
123690780	123691961	H2AZ_Rep2_peak_50020	28
123693442	123694165	H2AZ_Rep2_peak_50021	73
123697581	123699798	H2AZ_Rep2_peak_50022	73
123703394	123705320	H2AZ_Rep2_peak_50023	84
123748119	123748601	H2AZ_Rep2_peak_50025	95
123833259	123834476	H2AZ_Rep2_peak_50027	35
123836233	123838168	H2AZ_Rep2_peak_50028	322
123882670	123885155	H2AZ_Rep2_peak_50029	29
123963475	123964961	H2AZ_Rep2_peak_50031	174
123974289	123976531	H2AZ_Rep2_peak_50032	81
123989959	123990570	H2AZ_Rep2_peak_50034	52
123995013	123998328	H2AZ_Rep2_peak_50035	81
124029198	124032345	H2AZ_Rep2_peak_50038	104
124040137	124042226	H2AZ_Rep2_peak_50039	117
124043571	124045442	H2AZ_Rep2_peak_50040	84
124048359	124052451	H2AZ_Rep2_peak_50041	81
124048359	124052451	H2AZ_Rep2_peak_50041	81
124131803	124135815	H2AZ_Rep2_peak_50047	102
124259693	124262220	H2AZ_Rep2_peak_50054	21
124265534	124266253	H2AZ_Rep2_peak_50055	19
124291597	124292554	H2AZ_Rep2_peak_50057	73
124307495	124309026	H2AZ_Rep2_peak_50059	84
124360279	124363758	H2AZ_Rep2_peak_50070	54
124369856	124370746	H2AZ_Rep2_peak_50072	85
124374723	124376693	H2AZ_Rep2_peak_50074	118
124497368	124500453	H2AZ_Rep2_peak_50093	166
124854161	124856340	H2AZ_Rep2_peak_50107	155

124877133	124878877	H2AZ_Rep2_peak_50112	29
124882579	124888569	H2AZ_Rep2_peak_50113	36
124921214	124924136	H2AZ_Rep2_peak_50115	234
124974726	124977042	H2AZ_Rep2_peak_50124	72
125026227	125028230	H2AZ_Rep2_peak_50127	208
125126560	125130565	H2AZ_Rep2_peak_50132	31
125132239	125133958	H2AZ_Rep2_peak_50133	28
125138261	125140265	H2AZ_Rep2_peak_50134	63
125145766	125146958	H2AZ_Rep2_peak_50135	73
125164299	125165236	H2AZ_Rep2_peak_50137	35
125176390	125177071	H2AZ_Rep2_peak_50138	48
125226247	125227553	H2AZ_Rep2_peak_50141	82
125540447	125541638	H2AZ_Rep2_peak_50144	16
125559628	125560131	H2AZ_Rep2_peak_50147	34
125589729	125591537	H2AZ_Rep2_peak_50150	198
125666805	125668235	H2AZ_Rep2_peak_50152	141
125674938	125676383	H2AZ_Rep2_peak_50153	164
125692883	125695208	H2AZ_Rep2_peak_50154	89
125702580	125704190	H2AZ_Rep2_peak_50155	110
126029186	126032731	H2AZ_Rep2_peak_50156	203
126044674	126045421	H2AZ_Rep2_peak_50157	77
126109309	126114153	H2AZ_Rep2_peak_50167	36
126115877	126116871	H2AZ_Rep2_peak_50168	42
126118888	126123348	H2AZ_Rep2_peak_50169	33
126129985	126131390	H2AZ_Rep2_peak_50170	33
126691389	126698030	H2AZ_Rep2_peak_50172	46
126768853	126774584	H2AZ_Rep2_peak_50181	83
126768853	126774584	H2AZ_Rep2_peak_50181	83
126801579	126804847	H2AZ_Rep2_peak_50182	27
126806869	126809692	H2AZ_Rep2_peak_50183	98
126816964	126817511	H2AZ_Rep2_peak_50184	101
126905125	126908772	H2AZ_Rep2_peak_50190	32
126982880	126985898	H2AZ_Rep2_peak_50195	56
127003673	127005321	H2AZ_Rep2_peak_50197	18
127013748	127015125	H2AZ_Rep2_peak_50198	68
127018980	127024080	H2AZ_Rep2_peak_50199	78
127059050	127060359	H2AZ_Rep2_peak_50204	97
127068288	127069866	H2AZ_Rep2_peak_50206	28
127082157	127082846	H2AZ_Rep2_peak_50209	169
127104932	127106122	H2AZ_Rep2_peak_50210	41
127176916	127178649	H2AZ_Rep2_peak_50211	136
127180961	127182786	H2AZ_Rep2_peak_50212	68
127185705	127186593	H2AZ_Rep2_peak_50213	55

127214601	127216446	H2AZ_Rep2_peak_50215	66
127242655	127244988	H2AZ_Rep2_peak_50220	47
127242655	127244988	H2AZ_Rep2_peak_50220	47
127270236	127270797	H2AZ_Rep2_peak_50222	23
127420812	127423141	H2AZ_Rep2_peak_50224	57
127531683	127536082	H2AZ_Rep2_peak_50225	106
127538017	127543277	H2AZ_Rep2_peak_50226	49
127553038	127560353	H2AZ_Rep2_peak_50228	70
127570527	127576849	H2AZ_Rep2_peak_50230	95
127579447	127584162	H2AZ_Rep2_peak_50231	242
127595103	127598127	H2AZ_Rep2_peak_50233	139
127595103	127598127	H2AZ_Rep2_peak_50233	139
127601795	127602658	H2AZ_Rep2_peak_50234	37
127605729	127608070	H2AZ_Rep2_peak_50236	76
127611105	127616049	H2AZ_Rep2_peak_50237	177
127611105	127616049	H2AZ_Rep2_peak_50237	177
127623629	127626541	H2AZ_Rep2_peak_50240	95
127630595	127633011	H2AZ_Rep2_peak_50241	44
127702318	127704618	H2AZ_Rep2_peak_50243	161
127904739	127906397	H2AZ_Rep2_peak_50244	85
127951353	127953720	H2AZ_Rep2_peak_50245	232
127958627	127963881	H2AZ_Rep2_peak_50246	132
128003017	128007389	H2AZ_Rep2_peak_50247	189
128003017	128007389	H2AZ_Rep2_peak_50247	189
128021595	128024822	H2AZ_Rep2_peak_50249	185
128136408	128137364	H2AZ_Rep2_peak_50250	95
128149993	128151831	H2AZ_Rep2_peak_50252	24
128162359	128163256	H2AZ_Rep2_peak_50254	16
128168143	128174426	H2AZ_Rep2_peak_50256	67
128187733	128192454	H2AZ_Rep2_peak_50258	42
128275658	128276637	H2AZ_Rep2_peak_50259	63
128468676	128471316	H2AZ_Rep2_peak_50260	240
128507899	128510133	H2AZ_Rep2_peak_50262	139
129066354	129067570	H2AZ_Rep2_peak_50291	16
129160508	129164312	H2AZ_Rep2_peak_50295	23
129261152	129263837	H2AZ_Rep2_peak_50305	29
129261152	129263837	H2AZ_Rep2_peak_50305	29
129278110	129279786	H2AZ_Rep2_peak_50307	21
129284349	129290932	H2AZ_Rep2_peak_50308	20
129350386	129351816	H2AZ_Rep2_peak_50315	24
129373671	129374492	H2AZ_Rep2_peak_50317	34
129463578	129470726	H2AZ_Rep2_peak_50328	77
129483700	129486599	H2AZ_Rep2_peak_50329	67



129543659	129545700	H2AZ_Rep2_peak_50334	17
129550790	129551571	H2AZ_Rep2_peak_50335	104
129552837	129556969	H2AZ_Rep2_peak_50336	61
129564081	129565148	H2AZ_Rep2_peak_50337	37
129566545	129568062	H2AZ_Rep2_peak_50338	159
129621682	129623863	H2AZ_Rep2_peak_50342	84
129676409	129678152	H2AZ_Rep2_peak_50345	58
129727960	129728386	H2AZ_Rep2_peak_50349	51
129747280	129748979	H2AZ_Rep2_peak_50350	34
129810312	129813922	H2AZ_Rep2_peak_50352	37
129874935	129875634	H2AZ_Rep2_peak_50354	40
129884865	129885754	H2AZ_Rep2_peak_50355	137
129891094	129891472	H2AZ_Rep2_peak_50356	36
129921300	129925552	H2AZ_Rep2_peak_50359	71
129921300	129925552	H2AZ_Rep2_peak_50359	71
129927422	129929840	H2AZ_Rep2_peak_50360	90
129948484	129950948	H2AZ_Rep2_peak_50362	67
129957279	129958298	H2AZ_Rep2_peak_50363	79
129960886	129962309	H2AZ_Rep2_peak_50364	94
129986139	129988792	H2AZ_Rep2_peak_50366	122
130006495	130009553	H2AZ_Rep2_peak_50367	183
130073555	130074034	H2AZ_Rep2_peak_50369	106
130094659	130096419	H2AZ_Rep2_peak_50370	82
130149161	130151282	H2AZ_Rep2_peak_50375	45
130158266	130160891	H2AZ_Rep2_peak_50378	134
130183558	130187844	H2AZ_Rep2_peak_50380	190
130213658	130217883	H2AZ_Rep2_peak_50381	153
130335194	130338709	H2AZ_Rep2_peak_50385	39
130335194	130338709	H2AZ_Rep2_peak_50385	39
130340964	130342077	H2AZ_Rep2_peak_50386	97
130360521	130361981	H2AZ_Rep2_peak_50388	82
130369122	130371405	H2AZ_Rep2_peak_50389	108
130373791	130375790	H2AZ_Rep2_peak_50390	141
130475140	130479875	H2AZ_Rep2_peak_50391	113
130482313	130489204	H2AZ_Rep2_peak_50392	73
130482313	130489204	H2AZ_Rep2_peak_50392	73
130496646	130498444	H2AZ_Rep2_peak_50393	80
130502261	130503606	H2AZ_Rep2_peak_50394	47
130532224	130534528	H2AZ_Rep2_peak_50398	80
130541247	130543255	H2AZ_Rep2_peak_50400	41
130545988	130548842	H2AZ_Rep2_peak_50401	53
130562548	130566691	H2AZ_Rep2_peak_50402	61
130607743	130609662	H2AZ_Rep2_peak_50404	21

130614895	130621315	H2AZ_Rep2_peak_50406	58
130638148	130641422	H2AZ_Rep2_peak_50409	222
130659468	130662485	H2AZ_Rep2_peak_50411	71
130665596	130668935	H2AZ_Rep2_peak_50412	21
130677578	130684381	H2AZ_Rep2_peak_50413	97
130677578	130684381	H2AZ_Rep2_peak_50413	97
130690238	130694274	H2AZ_Rep2_peak_50415	47
130690238	130694274	H2AZ_Rep2_peak_50415	47
130699316	130701201	H2AZ_Rep2_peak_50416	190
130717908	130718466	H2AZ_Rep2_peak_50418	67
130727517	130731552	H2AZ_Rep2_peak_50420	74
130740393	130746247	H2AZ_Rep2_peak_50421	75
130749037	130749915	H2AZ_Rep2_peak_50422	62
130752788	130753908	H2AZ_Rep2_peak_50423	99
130763556	130772123	H2AZ_Rep2_peak_50424	95
130763556	130772123	H2AZ_Rep2_peak_50424	95
130784344	130785576	H2AZ_Rep2_peak_50426	26
130797093	130798007	H2AZ_Rep2_peak_50429	99
130805472	130806047	H2AZ_Rep2_peak_50431	24
130828718	130831307	H2AZ_Rep2_peak_50436	116
130860036	130861722	H2AZ_Rep2_peak_50439	85
130889492	130891489	H2AZ_Rep2_peak_50441	238
130910589	130916446	H2AZ_Rep2_peak_50446	102
130921513	130923297	H2AZ_Rep2_peak_50448	141
130952765	130956120	H2AZ_Rep2_peak_50450	135
130964419	130966033	H2AZ_Rep2_peak_50451	94
130975933	130977993	H2AZ_Rep2_peak_50453	158
130980684	130981630	H2AZ_Rep2_peak_50454	33
131011095	131013271	H2AZ_Rep2_peak_50458	77
131037341	131039560	H2AZ_Rep2_peak_50460	192
131057760	131059684	H2AZ_Rep2_peak_50461	65
131083641	131085952	H2AZ_Rep2_peak_50462	394
131101938	131103982	H2AZ_Rep2_peak_50463	163
131123900	131125137	H2AZ_Rep2_peak_50464	197
131132678	131134704	H2AZ_Rep2_peak_50465	181
131166691	131174845	H2AZ_Rep2_peak_50466	20
131181273	131183876	H2AZ_Rep2_peak_50467	122
131200648	131201718	H2AZ_Rep2_peak_50470	119
131217123	131219357	H2AZ_Rep2_peak_50473	171
131266007	131267808	H2AZ_Rep2_peak_50474	194
131311144	131315449	H2AZ_Rep2_peak_50475	67
131397292	131399429	H2AZ_Rep2_peak_50477	80
131418006	131420898	H2AZ_Rep2_peak_50478	177

131445657	131447860	H2AZ_Rep2_peak_50479	64
131450418	131451302	H2AZ_Rep2_peak_50480	149
131463523	131466656	H2AZ_Rep2_peak_50481	128
131485709	131487420	H2AZ_Rep2_peak_50482	147
131495097	131496157	H2AZ_Rep2_peak_50483	187
131532930	131535234	H2AZ_Rep2_peak_50485	264
131545444	131550609	H2AZ_Rep2_peak_50486	166
131545444	131550609	H2AZ_Rep2_peak_50486	166
131579209	131582538	H2AZ_Rep2_peak_50488	119
131590799	131592645	H2AZ_Rep2_peak_50489	137
131643019	131645897	H2AZ_Rep2_peak_50492	151
131654361	131655432	H2AZ_Rep2_peak_50493	84
131664382	131665001	H2AZ_Rep2_peak_50494	17
131687748	131691245	H2AZ_Rep2_peak_50496	44
131708150	131710914	H2AZ_Rep2_peak_50498	281
131789518	131791781	H2AZ_Rep2_peak_50500	61
131797933	131800045	H2AZ_Rep2_peak_50501	208
131842316	131845448	H2AZ_Rep2_peak_50503	184
131865308	131866257	H2AZ_Rep2_peak_50504	45
131870978	131874746	H2AZ_Rep2_peak_50505	149
131900651	131904890	H2AZ_Rep2_peak_50508	52
131929022	131930916	H2AZ_Rep2_peak_50510	92
131934607	131937719	H2AZ_Rep2_peak_50512	40
131940559	131941572	H2AZ_Rep2_peak_50513	63
131964721	131969161	H2AZ_Rep2_peak_50517	66
131986747	131988717	H2AZ_Rep2_peak_50519	65
131989921	131992570	H2AZ_Rep2_peak_50520	107
131998148	132000769	H2AZ_Rep2_peak_50522	45
132007410	132010693	H2AZ_Rep2_peak_50524	26
132019358	132022667	H2AZ_Rep2_peak_50525	25
132040458	132041279	H2AZ_Rep2_peak_50531	99
132044534	132045696	H2AZ_Rep2_peak_50533	21
132068842	132069668	H2AZ_Rep2_peak_50535	12
132077841	132081299	H2AZ_Rep2_peak_50537	54
132077841	132081299	H2AZ_Rep2_peak_50537	54
132089973	132091437	H2AZ_Rep2_peak_50539	66
132093167	132098495	H2AZ_Rep2_peak_50540	47
132105218	132106855	H2AZ_Rep2_peak_50542	109
132166169	132170551	H2AZ_Rep2_peak_50550	60
132174065	132177533	H2AZ_Rep2_peak_50552	38
132181058	132186470	H2AZ_Rep2_peak_50553	75
132220549	132223370	H2AZ_Rep2_peak_50562	41
132220549	132223370	H2AZ_Rep2_peak_50562	41

132230135	132234963	H2AZ_Rep2_peak_50565	36
132237260	132242071	H2AZ_Rep2_peak_50566	37
132257875	132259055	H2AZ_Rep2_peak_50570	54
132316925	132321967	H2AZ_Rep2_peak_50578	57
132330032	132334532	H2AZ_Rep2_peak_50581	80
132330032	132334532	H2AZ_Rep2_peak_50581	80
132337201	132338822	H2AZ_Rep2_peak_50582	50
132346005	132347352	H2AZ_Rep2_peak_50585	83
132364748	132365298	H2AZ_Rep2_peak_50589	29
132366512	132374746	H2AZ_Rep2_peak_50590	105
132366512	132374746	H2AZ_Rep2_peak_50590	105
132385477	132389345	H2AZ_Rep2_peak_50591	67
132403029	132405235	H2AZ_Rep2_peak_50592	175
132438950	132439604	H2AZ_Rep2_peak_50596	28
132447223	132448488	H2AZ_Rep2_peak_50598	62
132456278	132460710	H2AZ_Rep2_peak_50599	162
132463591	132465668	H2AZ_Rep2_peak_50600	19
132482779	132483623	H2AZ_Rep2_peak_50602	81
132487992	132489557	H2AZ_Rep2_peak_50603	46
132499806	132500724	H2AZ_Rep2_peak_50604	119
132512222	132515923	H2AZ_Rep2_peak_50606	78
132521949	132526134	H2AZ_Rep2_peak_50608	53
132537768	132540997	H2AZ_Rep2_peak_50611	104
132565221	132566373	H2AZ_Rep2_peak_50615	171
132586074	132587812	H2AZ_Rep2_peak_50616	152
132596729	132598575	H2AZ_Rep2_peak_50617	188
132645950	132649267	H2AZ_Rep2_peak_50619	163
132785158	132787653	H2AZ_Rep2_peak_50621	18
132804113	132806369	H2AZ_Rep2_peak_50622	64
132815530	132816985	H2AZ_Rep2_peak_50623	164
132879917	132881646	H2AZ_Rep2_peak_50624	69
132890770	132892030	H2AZ_Rep2_peak_50625	42
132905651	132906266	H2AZ_Rep2_peak_50626	29
132912165	132914544	H2AZ_Rep2_peak_50627	54
132933806	132936058	H2AZ_Rep2_peak_50631	86
132948935	132950667	H2AZ_Rep2_peak_50632	34
133000955	133003683	H2AZ_Rep2_peak_50633	143
133004944	133006311	H2AZ_Rep2_peak_50634	283
133226561	133229196	H2AZ_Rep2_peak_50641	27
133301765	133304040	H2AZ_Rep2_peak_50652	84
133307482	133309444	H2AZ_Rep2_peak_50653	62
133319831	133323705	H2AZ_Rep2_peak_50655	45
133393510	133395363	H2AZ_Rep2_peak_50661	15

133420968	133425104	H2AZ_Rep2_peak_50666	53
133445627	133446343	H2AZ_Rep2_peak_50670	116
133451605	133451986	H2AZ_Rep2_peak_50671	17
133453987	133455612	H2AZ_Rep2_peak_50672	63
133545541	133548952	H2AZ_Rep2_peak_50674	28
133556014	133559143	H2AZ_Rep2_peak_50676	191
133564769	133566257	H2AZ_Rep2_peak_50677	93
133567796	133569939	H2AZ_Rep2_peak_50678	198
133587625	133589309	H2AZ_Rep2_peak_50679	80
133607938	133608700	H2AZ_Rep2_peak_50681	20
133615689	133617719	H2AZ_Rep2_peak_50682	44
133655931	133658008	H2AZ_Rep2_peak_50683	97
133670117	133670507	H2AZ_Rep2_peak_50684	21
133709749	133711388	H2AZ_Rep2_peak_50686	87
133788475	133789909	H2AZ_Rep2_peak_50688	44
133801510	133804859	H2AZ_Rep2_peak_50689	103
133811411	133815216	H2AZ_Rep2_peak_50691	90
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133816603	133817260	H2AZ_Rep2_peak_50692	35
133822070	133823727	H2AZ_Rep2_peak_50693	71
133837098	133838663	H2AZ_Rep2_peak_50695	75
133845372	133848407	H2AZ_Rep2_peak_50696	23
133870131	133874789	H2AZ_Rep2_peak_50699	49
133870131	133874789	H2AZ_Rep2_peak_50699	49
133883913	133884432	H2AZ_Rep2_peak_50701	38
133920021	133922663	H2AZ_Rep2_peak_50706	66
133923930	133925479	H2AZ_Rep2_peak_50707	19
133932852	133933846	H2AZ_Rep2_peak_50709	43
133950327	133959138	H2AZ_Rep2_peak_50712	46
133950327	133959138	H2AZ_Rep2_peak_50712	46
133970263	133973731	H2AZ_Rep2_peak_50715	52
133976802	133980681	H2AZ_Rep2_peak_50716	65
133986942	133988597	H2AZ_Rep2_peak_50717	31
134000015	134001719	H2AZ_Rep2_peak_50718	181
134131095	134132754	H2AZ_Rep2_peak_50720	311
134152799	134156272	H2AZ_Rep2_peak_50722	75
134157646	134160339	H2AZ_Rep2_peak_50723	22
134176727	134182333	H2AZ_Rep2_peak_50726	97
134176727	134182333	H2AZ_Rep2_peak_50726	97
134187859	134189299	H2AZ_Rep2_peak_50727	131
134190665	134193288	H2AZ_Rep2_peak_50728	51
134208394	134212555	H2AZ_Rep2_peak_50731	47
134224831	134227722	H2AZ_Rep2_peak_50733	230

134232967	134234248	H2AZ_Rep2_peak_50734	46
134236389	134237517	H2AZ_Rep2_peak_50735	145
134240744	134243524	H2AZ_Rep2_peak_50736	90
134248056	134249644	H2AZ_Rep2_peak_50737	166
134258474	134259172	H2AZ_Rep2_peak_50738	71
134268236	134269231	H2AZ_Rep2_peak_50740	144
134377928	134379199	H2AZ_Rep2_peak_50742	223
134405720	134408070	H2AZ_Rep2_peak_50743	124
134409972	134410664	H2AZ_Rep2_peak_50744	36
134483462	134484676	H2AZ_Rep2_peak_50747	56
134510477	134511545	H2AZ_Rep2_peak_50748	22
134533384	134533891	H2AZ_Rep2_peak_50749	41
134614329	134615974	H2AZ_Rep2_peak_50751	55
134630185	134631465	H2AZ_Rep2_peak_50753	31
134637739	134639134	H2AZ_Rep2_peak_50754	35
134691026	134691634	H2AZ_Rep2_peak_50759	18
134713252	134716422	H2AZ_Rep2_peak_50763	20
134954450	134956470	H2AZ_Rep2_peak_50765	178
135089229	135089981	H2AZ_Rep2_peak_50775	58
135116843	135117277	H2AZ_Rep2_peak_50780	35
135134454	135135111	H2AZ_Rep2_peak_50782	60
135229236	135232148	H2AZ_Rep2_peak_50783	110
135247808	135248863	H2AZ_Rep2_peak_50784	98
135281441	135284638	H2AZ_Rep2_peak_50785	155
135286356	135287567	H2AZ_Rep2_peak_50786	18
135449990	135451486	H2AZ_Rep2_peak_50802	29
135544687	135546643	H2AZ_Rep2_peak_50803	187
135628141	135629541	H2AZ_Rep2_peak_50806	23
135752381	135755754	H2AZ_Rep2_peak_50817	208
135812852	135813152	H2AZ_Rep2_peak_50818	22
135819089	135822555	H2AZ_Rep2_peak_50819	110
135847641	135849207	H2AZ_Rep2_peak_50823	31
135852584	135853638	H2AZ_Rep2_peak_50824	19
135896906	135898943	H2AZ_Rep2_peak_50828	61
135901872	135902907	H2AZ_Rep2_peak_50829	14
135905536	135906725	H2AZ_Rep2_peak_50830	23
135995879	135999834	H2AZ_Rep2_peak_50834	34
136017421	136020406	H2AZ_Rep2_peak_50837	27
136023286	136025602	H2AZ_Rep2_peak_50838	111
136126878	136128472	H2AZ_Rep2_peak_50844	185
136181713	136182531	H2AZ_Rep2_peak_50848	26
136202275	136204686	H2AZ_Rep2_peak_50850	107
136213281	136215513	H2AZ_Rep2_peak_50851	32

136221666	136224985	H2AZ_Rep2_peak_50852	49
136242093	136246813	H2AZ_Rep2_peak_50853	59
136282252	136283982	H2AZ_Rep2_peak_50856	189
136323993	136326303	H2AZ_Rep2_peak_50860	100
136341535	136345115	H2AZ_Rep2_peak_50861	123
136373166	136375371	H2AZ_Rep2_peak_50866	40
136523687	136524694	H2AZ_Rep2_peak_50879	75
136591744	136592531	H2AZ_Rep2_peak_50883	28
136719463	136721874	H2AZ_Rep2_peak_50887	100
136739229	136740533	H2AZ_Rep2_peak_50888	82
136854921	136860464	H2AZ_Rep2_peak_50891	69
136889409	136891776	H2AZ_Rep2_peak_50895	82
136931356	136936392	H2AZ_Rep2_peak_50897	68
136987925	136989330	H2AZ_Rep2_peak_50902	89
136995905	136998037	H2AZ_Rep2_peak_50905	122
136999837	137003474	H2AZ_Rep2_peak_50906	183
137027643	137031433	H2AZ_Rep2_peak_50907	197
137108808	137110181	H2AZ_Rep2_peak_50911	31
137215996	137219678	H2AZ_Rep2_peak_50921	125
137257843	137258863	H2AZ_Rep2_peak_50923	102
137268789	137271967	H2AZ_Rep2_peak_50925	25
137268789	137271967	H2AZ_Rep2_peak_50925	25
137344565	137353055	H2AZ_Rep2_peak_50930	136
137355018	137356035	H2AZ_Rep2_peak_50931	58
137364060	137370472	H2AZ_Rep2_peak_50932	35
137394301	137397375	H2AZ_Rep2_peak_50935	154
137443358	137444861	H2AZ_Rep2_peak_50939	72
137482451	137484652	H2AZ_Rep2_peak_50944	64
137492831	137495076	H2AZ_Rep2_peak_50946	82
137516366	137521873	H2AZ_Rep2_peak_50948	69
137530789	137537637	H2AZ_Rep2_peak_50949	43
137530789	137537637	H2AZ_Rep2_peak_50949	43
137785911	137789206	H2AZ_Rep2_peak_50962	114
137913252	137915993	H2AZ_Rep2_peak_50970	23
137966614	137967733	H2AZ_Rep2_peak_50974	24
138015767	138030158	H2AZ_Rep2_peak_50978	84
138015767	138030158	H2AZ_Rep2_peak_50978	84
138015767	138030158	H2AZ_Rep2_peak_50978	84
138015767	138030158	H2AZ_Rep2_peak_50978	84
138036095	138037876	H2AZ_Rep2_peak_50979	70
138042672	138046158	H2AZ_Rep2_peak_50980	38
138304603	138306172	H2AZ_Rep2_peak_51008	43
138354521	138357665	H2AZ_Rep2_peak_51011	21

138360147	138361470	H2AZ_Rep2_peak_51012	34
138370681	138372876	H2AZ_Rep2_peak_51014	57
138390810	138393376	H2AZ_Rep2_peak_51015	138
138418407	138418915	H2AZ_Rep2_peak_51016	38
138452475	138453556	H2AZ_Rep2_peak_51018	22
138610585	138611093	H2AZ_Rep2_peak_51032	14
138798204	138800397	H2AZ_Rep2_peak_51041	38
138818198	138819953	H2AZ_Rep2_peak_51042	43
138843702	138844472	H2AZ_Rep2_peak_51043	60
138851811	138854799	H2AZ_Rep2_peak_51044	81
138884175	138886170	H2AZ_Rep2_peak_51047	177
138970972	138972434	H2AZ_Rep2_peak_51048	30
138984443	138988403	H2AZ_Rep2_peak_51049	50
138999622	139002282	H2AZ_Rep2_peak_51050	71
139009370	139012073	H2AZ_Rep2_peak_51051	41
139014462	139015388	H2AZ_Rep2_peak_51052	54
139078589	139081939	H2AZ_Rep2_peak_51058	28
139088161	139089047	H2AZ_Rep2_peak_51059	31
139136782	139139662	H2AZ_Rep2_peak_51060	56
139147958	139148389	H2AZ_Rep2_peak_51062	46
139158250	139160906	H2AZ_Rep2_peak_51063	107
139221412	139222865	H2AZ_Rep2_peak_51065	39
139239988	139241059	H2AZ_Rep2_peak_51066	157
139257343	139259566	H2AZ_Rep2_peak_51068	52
139266736	139267727	H2AZ_Rep2_peak_51069	50
139293218	139295426	H2AZ_Rep2_peak_51070	87
139304047	139305789	H2AZ_Rep2_peak_51071	59
139333392	139334339	H2AZ_Rep2_peak_51073	73
139376575	139381359	H2AZ_Rep2_peak_51075	66
139439415	139441939	H2AZ_Rep2_peak_51076	76
139452318	139453407	H2AZ_Rep2_peak_51078	34
139457362	139459359	H2AZ_Rep2_peak_51079	42
139462049	139464768	H2AZ_Rep2_peak_51080	153
139534977	139535419	H2AZ_Rep2_peak_51090	18
139538559	139540036	H2AZ_Rep2_peak_51091	159
139549757	139550905	H2AZ_Rep2_peak_51092	61
139559673	139560949	H2AZ_Rep2_peak_51093	39
139581151	139586044	H2AZ_Rep2_peak_51094	54
139581151	139586044	H2AZ_Rep2_peak_51094	54
139587327	139590391	H2AZ_Rep2_peak_51095	100
139621854	139623547	H2AZ_Rep2_peak_51097	84
139659717	139660085	H2AZ_Rep2_peak_51100	45
139682367	139686740	H2AZ_Rep2_peak_51102	87



139682367	139686740	H2AZ_Rep2_peak_51102	87
139693763	139696080	H2AZ_Rep2_peak_51103	39
139701477	139703092	H2AZ_Rep2_peak_51104	116
139740374	139744216	H2AZ_Rep2_peak_51106	57
139760433	139761332	H2AZ_Rep2_peak_51107	31
139776093	139777716	H2AZ_Rep2_peak_51108	224
139779299	139783179	H2AZ_Rep2_peak_51109	84
139837775	139839847	H2AZ_Rep2_peak_51111	58
139842142	139845620	H2AZ_Rep2_peak_51112	122
139857346	139859468	H2AZ_Rep2_peak_51113	140
139867506	139870211	H2AZ_Rep2_peak_51114	67
139875829	139878808	H2AZ_Rep2_peak_51116	46
139884819	139887562	H2AZ_Rep2_peak_51118	48
139890584	139893454	H2AZ_Rep2_peak_51119	62
139920442	139924105	H2AZ_Rep2_peak_51121	107
139928821	139930076	H2AZ_Rep2_peak_51122	113
139938494	139941260	H2AZ_Rep2_peak_51123	229
139944164	139946059	H2AZ_Rep2_peak_51124	26
139962615	139966215	H2AZ_Rep2_peak_51125	101
139969877	139972567	H2AZ_Rep2_peak_51126	47
139977560	139978610	H2AZ_Rep2_peak_51127	110
139980178	139982331	H2AZ_Rep2_peak_51128	103
140008934	140010221	H2AZ_Rep2_peak_51130	115
140022537	140025283	H2AZ_Rep2_peak_51131	221
140043416	140044761	H2AZ_Rep2_peak_51134	41
140062566	140065084	H2AZ_Rep2_peak_51135	130
140082526	140083967	H2AZ_Rep2_peak_51137	139
140094979	140096215	H2AZ_Rep2_peak_51138	72
140099467	140101618	H2AZ_Rep2_peak_51139	109
140117245	140122330	H2AZ_Rep2_peak_51140	101
140117245	140122330	H2AZ_Rep2_peak_51140	101
140134558	140135272	H2AZ_Rep2_peak_51142	54
140148595	140151125	H2AZ_Rep2_peak_51144	100
140170149	140172697	H2AZ_Rep2_peak_51145	43
140188395	140188908	H2AZ_Rep2_peak_51146	20
140195302	140196406	H2AZ_Rep2_peak_51147	71
140205147	140206425	H2AZ_Rep2_peak_51148	46
140305656	140306767	H2AZ_Rep2_peak_51151	82
140316729	140318714	H2AZ_Rep2_peak_51152	102
140336047	140336642	H2AZ_Rep2_peak_51154	32
140340267	140340716	H2AZ_Rep2_peak_51155	12
140353175	140355262	H2AZ_Rep2_peak_51156	128
140373672	140377360	H2AZ_Rep2_peak_51157	113

140396182	140396946	H2AZ_Rep2_peak_51159	28
140407993	140408575	H2AZ_Rep2_peak_51161	74
140428980	140429998	H2AZ_Rep2_peak_51164	52
140444237	140447078	H2AZ_Rep2_peak_51166	71
140472147	140473808	H2AZ_Rep2_peak_51167	94
140483683	140488703	H2AZ_Rep2_peak_51168	81
140496439	140501305	H2AZ_Rep2_peak_51169	61
140505677	140507240	H2AZ_Rep2_peak_51170	103
140512367	140514350	H2AZ_Rep2_peak_51171	67
140795018	140795961	H2AZ_Rep2_peak_51179	45
140862190	140864188	H2AZ_Rep2_peak_51185	29
6677	8414	H2AZ_Rep2_peak_51202	786
51344	55658	H2AZ_Rep2_peak_51203	216
59445	59964	H2AZ_Rep2_peak_51204	13
92954	94792	H2AZ_Rep2_peak_51206	69
96392	98833	H2AZ_Rep2_peak_51207	202
117697	129809	H2AZ_Rep2_peak_51209	92
2730648	2730994	H2AZ_Rep2_peak_51214	28
2846941	2847595	H2AZ_Rep2_peak_51216	18
3060793	3062194	H2AZ_Rep2_peak_51217	36
3630727	3632382	H2AZ_Rep2_peak_51219	37
4157526	4159535	H2AZ_Rep2_peak_51221	20
4171191	4171602	H2AZ_Rep2_peak_51222	44
4455519	4456641	H2AZ_Rep2_peak_51225	32
5433899	5434199	H2AZ_Rep2_peak_51226	17
7050679	7051578	H2AZ_Rep2_peak_51229	35
7065165	7066870	H2AZ_Rep2_peak_51230	145
7074919	7077797	H2AZ_Rep2_peak_51231	37
7290572	7292707	H2AZ_Rep2_peak_51232	31
7894235	7897184	H2AZ_Rep2_peak_51234	184
8309906	8310601	H2AZ_Rep2_peak_51235	35
8372247	8372916	H2AZ_Rep2_peak_51236	36
8789088	8789950	H2AZ_Rep2_peak_51240	41
8816166	8819995	H2AZ_Rep2_peak_51241	47
8816166	8819995	H2AZ_Rep2_peak_51241	47
8823341	8824727	H2AZ_Rep2_peak_51242	15
8835981	8837052	H2AZ_Rep2_peak_51243	41
8838612	8839606	H2AZ_Rep2_peak_51244	46
8906663	8907698	H2AZ_Rep2_peak_51246	35
8922755	8924403	H2AZ_Rep2_peak_51248	19
8955650	8957038	H2AZ_Rep2_peak_51249	42
9055459	9055910	H2AZ_Rep2_peak_51250	23
9121632	9122110	H2AZ_Rep2_peak_51253	15

9278365	9278683 H2AZ_Rep2_peak_51261	28
9308610	9312097 H2AZ_Rep2_peak_51263	44
9320488	9322366 H2AZ_Rep2_peak_51265	46
9384321	9389952 H2AZ_Rep2_peak_51268	47
9429123	9432903 H2AZ_Rep2_peak_51271	43
9713261	9713886 H2AZ_Rep2_peak_51272	27
9727297	9727793 H2AZ_Rep2_peak_51274	23
9814835	9815679 H2AZ_Rep2_peak_51275	56
9834367	9836005 H2AZ_Rep2_peak_51276	58
9971732	9972119 H2AZ_Rep2_peak_51280	23
9977929	9981192 H2AZ_Rep2_peak_51281	23
9982592	9984122 H2AZ_Rep2_peak_51282	38
10124427	10125461 H2AZ_Rep2_peak_51284	75
10207329	10208976 H2AZ_Rep2_peak_51286	38
10545023	10548018 H2AZ_Rep2_peak_51287	25
10585991	10590522 H2AZ_Rep2_peak_51288	70
10601626	10603099 H2AZ_Rep2_peak_51289	23
11128316	11130126 H2AZ_Rep2_peak_51290	59
11775245	11778162 H2AZ_Rep2_peak_51298	127
11788554	11789178 H2AZ_Rep2_peak_51299	42
12808430	12810712 H2AZ_Rep2_peak_51303	98
12930866	12931963 H2AZ_Rep2_peak_51305	18
12964653	12966587 H2AZ_Rep2_peak_51306	37
12972753	12975333 H2AZ_Rep2_peak_51308	186
12991649	12993217 H2AZ_Rep2_peak_51310	72
13006204	13007260 H2AZ_Rep2_peak_51312	30
13046899	13049039 H2AZ_Rep2_peak_51314	46
13127170	13129320 H2AZ_Rep2_peak_51316	16
13137691	13138647 H2AZ_Rep2_peak_51317	48
13178675	13179492 H2AZ_Rep2_peak_51318	37
13230259	13230615 H2AZ_Rep2_peak_51320	28
13272257	13273137 H2AZ_Rep2_peak_51321	35
13436173	13438035 H2AZ_Rep2_peak_51327	23
13445639	13447551 H2AZ_Rep2_peak_51328	66
13481171	13482585 H2AZ_Rep2_peak_51330	15
13487420	13489599 H2AZ_Rep2_peak_51331	21
13505604	13506422 H2AZ_Rep2_peak_51332	42
13513296	13513995 H2AZ_Rep2_peak_51333	70
13663788	13664422 H2AZ_Rep2_peak_51339	45
13670393	13673282 H2AZ_Rep2_peak_51340	72
13677087	13677418 H2AZ_Rep2_peak_51341	38
13681888	13686364 H2AZ_Rep2_peak_51342	30
13706478	13708038 H2AZ_Rep2_peak_51344	65

13751928	13753699	H2AZ_Rep2_peak_51345	118
13845482	13847549	H2AZ_Rep2_peak_51350	59
13916383	13918142	H2AZ_Rep2_peak_51354	17
14045040	14045696	H2AZ_Rep2_peak_51357	36
14047404	14048546	H2AZ_Rep2_peak_51358	45
14050086	14051562	H2AZ_Rep2_peak_51359	33
14890884	14892274	H2AZ_Rep2_peak_51367	124
14954522	14956383	H2AZ_Rep2_peak_51368	57
14981694	14982807	H2AZ_Rep2_peak_51369	20
15232237	15232674	H2AZ_Rep2_peak_51373	19
15287239	15289521	H2AZ_Rep2_peak_51374	97
15352899	15356467	H2AZ_Rep2_peak_51378	99
15509808	15512154	H2AZ_Rep2_peak_51379	122
15593776	15594405	H2AZ_Rep2_peak_51384	38
15597928	15599561	H2AZ_Rep2_peak_51385	69
15692342	15694527	H2AZ_Rep2_peak_51386	261
15755393	15756686	H2AZ_Rep2_peak_51387	105
15807722	15809490	H2AZ_Rep2_peak_51388	260
15871897	15874552	H2AZ_Rep2_peak_51389	139
15900683	15901429	H2AZ_Rep2_peak_51390	24
15906067	15908195	H2AZ_Rep2_peak_51391	30
16047874	16048174	H2AZ_Rep2_peak_51392	44
16729771	16731409	H2AZ_Rep2_peak_51395	140
16736236	16738638	H2AZ_Rep2_peak_51396	44
16788849	16790875	H2AZ_Rep2_peak_51397	71
16803536	16804959	H2AZ_Rep2_peak_51398	139
16887342	16889850	H2AZ_Rep2_peak_51399	101
16900189	16901635	H2AZ_Rep2_peak_51400	137
16910728	16911496	H2AZ_Rep2_peak_51402	30
16948543	16949811	H2AZ_Rep2_peak_51404	16
16951901	16952667	H2AZ_Rep2_peak_51405	16
16964165	16966968	H2AZ_Rep2_peak_51406	100
16971286	16972235	H2AZ_Rep2_peak_51407	21
17049238	17051626	H2AZ_Rep2_peak_51408	33
17366255	17367165	H2AZ_Rep2_peak_51410	65
17392696	17396285	H2AZ_Rep2_peak_51411	133
17571012	17572668	H2AZ_Rep2_peak_51413	21
17754499	17756736	H2AZ_Rep2_peak_51416	48
18371726	18373773	H2AZ_Rep2_peak_51422	114
18409022	18410083	H2AZ_Rep2_peak_51423	16
18442218	18444757	H2AZ_Rep2_peak_51424	124
18692078	18693903	H2AZ_Rep2_peak_51428	56
18708921	18710551	H2AZ_Rep2_peak_51429	51

18716720	18721179	H2AZ_Rep2_peak_51431	55
18716720	18721179	H2AZ_Rep2_peak_51431	55
18889504	18891780	H2AZ_Rep2_peak_51433	21
18903700	18905312	H2AZ_Rep2_peak_51435	120
19001379	19003889	H2AZ_Rep2_peak_51436	99
19081385	19082901	H2AZ_Rep2_peak_51439	25
19145862	19146386	H2AZ_Rep2_peak_51440	25
19360383	19362649	H2AZ_Rep2_peak_51441	94
19531811	19534202	H2AZ_Rep2_peak_51442	51
19687528	19689463	H2AZ_Rep2_peak_51444	27
19691595	19692204	H2AZ_Rep2_peak_51445	49
19905309	19908021	H2AZ_Rep2_peak_51447	116
20008299	20011228	H2AZ_Rep2_peak_51449	223
20043514	20044598	H2AZ_Rep2_peak_51450	40
20084905	20086586	H2AZ_Rep2_peak_51453	42
20159565	20161147	H2AZ_Rep2_peak_51455	21
20283310	20286708	H2AZ_Rep2_peak_51456	56
20324911	20325528	H2AZ_Rep2_peak_51457	26
20396195	20397163	H2AZ_Rep2_peak_51461	31
20400524	20401267	H2AZ_Rep2_peak_51462	20
20406780	20407099	H2AZ_Rep2_peak_51463	33
21788298	21789720	H2AZ_Rep2_peak_51472	133
21855302	21858523	H2AZ_Rep2_peak_51476	67
21950322	21951637	H2AZ_Rep2_peak_51479	45
21957567	21959304	H2AZ_Rep2_peak_51480	66
22152923	22156128	H2AZ_Rep2_peak_51482	56
22210536	22211001	H2AZ_Rep2_peak_51483	37
22407061	22408707	H2AZ_Rep2_peak_51485	21
23684172	23686890	H2AZ_Rep2_peak_51489	85
23761006	23762073	H2AZ_Rep2_peak_51490	40
23797079	23797776	H2AZ_Rep2_peak_51493	39
23799002	23802058	H2AZ_Rep2_peak_51494	38
23815429	23815883	H2AZ_Rep2_peak_51496	33
23821801	23823070	H2AZ_Rep2_peak_51497	45
23824908	23826262	H2AZ_Rep2_peak_51498	36
23901801	23902254	H2AZ_Rep2_peak_51500	68
23925066	23926791	H2AZ_Rep2_peak_51501	59
24042503	24044326	H2AZ_Rep2_peak_51502	89
24072022	24073524	H2AZ_Rep2_peak_51504	126
24102705	24103944	H2AZ_Rep2_peak_51505	23
24118063	24119197	H2AZ_Rep2_peak_51506	16
24123474	24123993	H2AZ_Rep2_peak_51507	56
24135234	24135793	H2AZ_Rep2_peak_51508	45

24142503	24143411	H2AZ_Rep2_peak_51509	47
24151342	24151884	H2AZ_Rep2_peak_51510	30
24168649	24169543	H2AZ_Rep2_peak_51511	17
24262400	24263868	H2AZ_Rep2_peak_51512	31
24316255	24316819	H2AZ_Rep2_peak_51513	37
24444640	24445442	H2AZ_Rep2_peak_51515	25
24482539	24484167	H2AZ_Rep2_peak_51516	126
24511772	24513322	H2AZ_Rep2_peak_51517	19
24710461	24712578	H2AZ_Rep2_peak_51518	64
26801853	26802821	H2AZ_Rep2_peak_51522	34
28525443	28526277	H2AZ_Rep2_peak_51523	24
29680009	29682158	H2AZ_Rep2_peak_51525	13
30669766	30672358	H2AZ_Rep2_peak_51530	121
30906561	30908374	H2AZ_Rep2_peak_51533	142
30911431	30911899	H2AZ_Rep2_peak_51534	74
30922368	30922906	H2AZ_Rep2_peak_51535	16
30954201	30954596	H2AZ_Rep2_peak_51537	19
31284452	31285522	H2AZ_Rep2_peak_51543	43
31374515	31376192	H2AZ_Rep2_peak_51545	32
31441814	31442672	H2AZ_Rep2_peak_51547	39
31564429	31564962	H2AZ_Rep2_peak_51551	36
32466385	32467547	H2AZ_Rep2_peak_51554	30
33743500	33744283	H2AZ_Rep2_peak_51557	33
34090332	34090927	H2AZ_Rep2_peak_51559	26
34674427	34676241	H2AZ_Rep2_peak_51568	62
34901793	34904060	H2AZ_Rep2_peak_51571	28
35184002	35184666	H2AZ_Rep2_peak_51582	36
35358352	35360309	H2AZ_Rep2_peak_51587	38
35399018	35399813	H2AZ_Rep2_peak_51589	33
35456797	35458468	H2AZ_Rep2_peak_51590	38
35459822	35461476	H2AZ_Rep2_peak_51591	16
35475786	35476330	H2AZ_Rep2_peak_51593	22
35514381	35516157	H2AZ_Rep2_peak_51595	81
35640368	35640995	H2AZ_Rep2_peak_51599	15
35908919	35909397	H2AZ_Rep2_peak_51606	52
36273298	36275890	H2AZ_Rep2_peak_51609	19
36518653	36520132	H2AZ_Rep2_peak_51613	82
36549411	36550009	H2AZ_Rep2_peak_51614	49
36916542	36917051	H2AZ_Rep2_peak_51617	15
37206273	37209780	H2AZ_Rep2_peak_51619	64
37431661	37433166	H2AZ_Rep2_peak_51622	26
37463207	37463540	H2AZ_Rep2_peak_51623	38
37503578	37504185	H2AZ_Rep2_peak_51625	17

37544328	37546191	H2AZ_Rep2_peak_51626	161
37705978	37707791	H2AZ_Rep2_peak_51627	116
37742521	37742975	H2AZ_Rep2_peak_51628	19
37764196	37764548	H2AZ_Rep2_peak_51629	16
37772206	37772565	H2AZ_Rep2_peak_51630	28
37955346	37955732	H2AZ_Rep2_peak_51632	31
38091726	38095737	H2AZ_Rep2_peak_51636	13
38185691	38188678	H2AZ_Rep2_peak_51638	64
38660036	38660576	H2AZ_Rep2_peak_51640	99
38663518	38665293	H2AZ_Rep2_peak_51641	21
38675634	38677133	H2AZ_Rep2_peak_51642	81
38680163	38680875	H2AZ_Rep2_peak_51643	64
38727889	38729936	H2AZ_Rep2_peak_51644	34
38739071	38740286	H2AZ_Rep2_peak_51646	42
38870878	38872573	H2AZ_Rep2_peak_51648	100
39545468	39548830	H2AZ_Rep2_peak_51653	56
39594234	39597106	H2AZ_Rep2_peak_51656	44
39611160	39616878	H2AZ_Rep2_peak_51657	87
39611160	39616878	H2AZ_Rep2_peak_51657	87
39618586	39620636	H2AZ_Rep2_peak_51658	101
39672224	39673794	H2AZ_Rep2_peak_51661	113
39706330	39708546	H2AZ_Rep2_peak_51663	31
39714369	39715467	H2AZ_Rep2_peak_51664	21
39729320	39732648	H2AZ_Rep2_peak_51665	68
39729320	39732648	H2AZ_Rep2_peak_51665	68
39753894	39755149	H2AZ_Rep2_peak_51667	34
39764063	39769130	H2AZ_Rep2_peak_51668	73
39787250	39789775	H2AZ_Rep2_peak_51669	34
39812619	39815455	H2AZ_Rep2_peak_51671	74
39817165	39818307	H2AZ_Rep2_peak_51672	63
39828254	39830079	H2AZ_Rep2_peak_51673	91
39870148	39873325	H2AZ_Rep2_peak_51677	65
39956959	39958311	H2AZ_Rep2_peak_51679	22
39964620	39969378	H2AZ_Rep2_peak_51680	58
39989263	39993246	H2AZ_Rep2_peak_51681	54
40010269	40014648	H2AZ_Rep2_peak_51682	56
40034053	40036781	H2AZ_Rep2_peak_51683	54
40121910	40122763	H2AZ_Rep2_peak_51684	17
40124563	40126548	H2AZ_Rep2_peak_51685	139
40402964	40404343	H2AZ_Rep2_peak_51687	18
40439109	40440906	H2AZ_Rep2_peak_51688	86
40505750	40507394	H2AZ_Rep2_peak_51690	80
40594147	40596175	H2AZ_Rep2_peak_51691	39

40631737	40633803	H2AZ_Rep2_peak_51694	39
40638297	40639919	H2AZ_Rep2_peak_51695	17
40653135	40654321	H2AZ_Rep2_peak_51696	146
40725862	40727221	H2AZ_Rep2_peak_51697	34
40771539	40772178	H2AZ_Rep2_peak_51698	60
40791530	40793526	H2AZ_Rep2_peak_51699	28
40810737	40813064	H2AZ_Rep2_peak_51700	63
40855887	40857786	H2AZ_Rep2_peak_51701	159
40869187	40871666	H2AZ_Rep2_peak_51703	39
40884213	40887350	H2AZ_Rep2_peak_51704	24
40888631	40889166	H2AZ_Rep2_peak_51705	57
40943277	40945906	H2AZ_Rep2_peak_51706	45
41112279	41113321	H2AZ_Rep2_peak_51708	92
41134765	41136980	H2AZ_Rep2_peak_51710	158
41157473	41162272	H2AZ_Rep2_peak_51711	87
41157473	41162272	H2AZ_Rep2_peak_51711	87
41192594	41193754	H2AZ_Rep2_peak_51713	77
41188826	41191240	H2AZ_Rep2_peak_51712	26
41239972	41244449	H2AZ_Rep2_peak_51716	29
41239972	41244449	H2AZ_Rep2_peak_51716	29
41245763	41248825	H2AZ_Rep2_peak_51717	26
41271363	41272249	H2AZ_Rep2_peak_51719	132
41301036	41303338	H2AZ_Rep2_peak_51722	112
41308873	41309502	H2AZ_Rep2_peak_51723	23
41328129	41328601	H2AZ_Rep2_peak_51725	18
41350535	41351446	H2AZ_Rep2_peak_51726	185
41479946	41481941	H2AZ_Rep2_peak_51728	59
41781240	41784799	H2AZ_Rep2_peak_51729	99
42574359	42574876	H2AZ_Rep2_peak_51732	22
42615084	42615600	H2AZ_Rep2_peak_51733	64
42835656	42836904	H2AZ_Rep2_peak_51735	51
42842961	42843601	H2AZ_Rep2_peak_51736	13
42851778	42852304	H2AZ_Rep2_peak_51737	25
42993168	42995330	H2AZ_Rep2_peak_51740	18
43416558	43417189	H2AZ_Rep2_peak_51744	85
43463178	43464684	H2AZ_Rep2_peak_51746	67
43513342	43515138	H2AZ_Rep2_peak_51747	106
43562525	43562825	H2AZ_Rep2_peak_51748	32
43740813	43743068	H2AZ_Rep2_peak_51750	66
43817581	43818370	H2AZ_Rep2_peak_51752	29
43829261	43829980	H2AZ_Rep2_peak_51753	59
43871796	43872158	H2AZ_Rep2_peak_51754	31
43884816	43885412	H2AZ_Rep2_peak_51756	20



43922073	43923710	H2AZ_Rep2_peak_51757	37
43960162	43962554	H2AZ_Rep2_peak_51760	65
44032652	44034113	H2AZ_Rep2_peak_51763	25
44037717	44039794	H2AZ_Rep2_peak_51764	25
44082237	44083873	H2AZ_Rep2_peak_51765	52
44164883	44166296	H2AZ_Rep2_peak_51768	62
44172458	44173935	H2AZ_Rep2_peak_51769	45
44178325	44179852	H2AZ_Rep2_peak_51770	33
44343285	44344010	H2AZ_Rep2_peak_51773	21
44401496	44403030	H2AZ_Rep2_peak_51774	133
44480366	44480672	H2AZ_Rep2_peak_51775	29
44564630	44565938	H2AZ_Rep2_peak_51776	36
44702076	44702911	H2AZ_Rep2_peak_51777	16
44730721	44733861	H2AZ_Rep2_peak_51778	65
45046156	45047347	H2AZ_Rep2_peak_51781	78
45337982	45339978	H2AZ_Rep2_peak_51785	10
45361761	45362140	H2AZ_Rep2_peak_51787	12
45630674	45631282	H2AZ_Rep2_peak_51790	18
45708859	45711609	H2AZ_Rep2_peak_51791	144
46119600	46123121	H2AZ_Rep2_peak_51792	19
46119600	46123121	H2AZ_Rep2_peak_51792	19
46127436	46128440	H2AZ_Rep2_peak_51793	15
46179577	46180433	H2AZ_Rep2_peak_51795	70
46184516	46187156	H2AZ_Rep2_peak_51796	61
46190344	46193609	H2AZ_Rep2_peak_51797	143
46303251	46303757	H2AZ_Rep2_peak_51799	39
46305328	46307676	H2AZ_Rep2_peak_51800	107
46403666	46405633	H2AZ_Rep2_peak_51801	98
46432850	46433768	H2AZ_Rep2_peak_51802	68
46487275	46488848	H2AZ_Rep2_peak_51804	34
46521806	46522195	H2AZ_Rep2_peak_51805	19
46617601	46619407	H2AZ_Rep2_peak_51807	99
46629805	46630582	H2AZ_Rep2_peak_51808	34
46637201	46638588	H2AZ_Rep2_peak_51809	98
46651199	46653246	H2AZ_Rep2_peak_51810	72
46671754	46672354	H2AZ_Rep2_peak_51811	17
46695605	46697295	H2AZ_Rep2_peak_51812	84
46724547	46724996	H2AZ_Rep2_peak_51813	25
46762770	46763794	H2AZ_Rep2_peak_51814	201
46771318	46773694	H2AZ_Rep2_peak_51815	81
46987927	46989609	H2AZ_Rep2_peak_51819	145
47003221	47004991	H2AZ_Rep2_peak_51820	56
47049712	47053872	H2AZ_Rep2_peak_51821	82

47049712	47053872	H2AZ_Rep2_peak_51821	82
47076407	47078366	H2AZ_Rep2_peak_51822	107
47091788	47093499	H2AZ_Rep2_peak_51823	100
47220301	47221788	H2AZ_Rep2_peak_51829	76
47341352	47343590	H2AZ_Rep2_peak_51831	68
47357921	47364051	H2AZ_Rep2_peak_51832	28
47357921	47364051	H2AZ_Rep2_peak_51832	28
47372949	47374605	H2AZ_Rep2_peak_51833	44
47377428	47377986	H2AZ_Rep2_peak_51834	23
47380515	47384017	H2AZ_Rep2_peak_51835	58
47400205	47401182	H2AZ_Rep2_peak_51836	71
47419391	47421321	H2AZ_Rep2_peak_51837	52
47435458	47439480	H2AZ_Rep2_peak_51838	47
47440891	47442209	H2AZ_Rep2_peak_51839	49
47454538	47456192	H2AZ_Rep2_peak_51840	37
47464459	47464904	H2AZ_Rep2_peak_51841	33
47509532	47510878	H2AZ_Rep2_peak_51843	66
47517864	47519332	H2AZ_Rep2_peak_51844	52
47577452	47577930	H2AZ_Rep2_peak_51845	15
47656164	47656464	H2AZ_Rep2_peak_51848	17
47675341	47675641	H2AZ_Rep2_peak_51850	17
47694844	47697149	H2AZ_Rep2_peak_51851	75
47862818	47863902	H2AZ_Rep2_peak_51852	140
47880494	47882176	H2AZ_Rep2_peak_51853	157
47884887	47886010	H2AZ_Rep2_peak_51854	33
47904920	47905772	H2AZ_Rep2_peak_51855	20
48291727	48292261	H2AZ_Rep2_peak_51857	35
48325888	48328648	H2AZ_Rep2_peak_51858	96
48333546	48335123	H2AZ_Rep2_peak_51859	129
48348702	48352472	H2AZ_Rep2_peak_51861	52
48348702	48352472	H2AZ_Rep2_peak_51861	52
48366635	48368305	H2AZ_Rep2_peak_51863	139
48379229	48381051	H2AZ_Rep2_peak_51864	105
48389774	48390563	H2AZ_Rep2_peak_51865	52
48397325	48398979	H2AZ_Rep2_peak_51866	75
48432065	48433377	H2AZ_Rep2_peak_51867	158
48448169	48450859	H2AZ_Rep2_peak_51869	58
48455139	48456592	H2AZ_Rep2_peak_51870	57
48489535	48490767	H2AZ_Rep2_peak_51871	97
48494713	48495441	H2AZ_Rep2_peak_51872	27
48533871	48535731	H2AZ_Rep2_peak_51874	153
48553596	48556001	H2AZ_Rep2_peak_51875	153
48594500	48597471	H2AZ_Rep2_peak_51876	100

48610390	48613982	H2AZ_Rep2_peak_51878	95
48619908	48620820	H2AZ_Rep2_peak_51880	150
48652882	48655201	H2AZ_Rep2_peak_51881	94
48658926	48661410	H2AZ_Rep2_peak_51882	113
48722035	48723084	H2AZ_Rep2_peak_51883	62
48726104	48726529	H2AZ_Rep2_peak_51884	43
48753986	48755919	H2AZ_Rep2_peak_51886	85
48768102	48769772	H2AZ_Rep2_peak_51887	94
48775103	48777530	H2AZ_Rep2_peak_51888	45
48815296	48816706	H2AZ_Rep2_peak_51889	54
48858063	48859423	H2AZ_Rep2_peak_51890	152
48899470	48902079	H2AZ_Rep2_peak_51892	81
48916317	48917316	H2AZ_Rep2_peak_51893	74
48937052	48938328	H2AZ_Rep2_peak_51894	52
48956669	48958869	H2AZ_Rep2_peak_51895	74
48979591	48980897	H2AZ_Rep2_peak_51896	130
49010923	49013212	H2AZ_Rep2_peak_51897	70
49019701	49020558	H2AZ_Rep2_peak_51898	125
49022574	49024055	H2AZ_Rep2_peak_51899	70
49027955	49028766	H2AZ_Rep2_peak_51900	28
49041093	49043411	H2AZ_Rep2_peak_51901	80
49047166	49048486	H2AZ_Rep2_peak_51902	62
49056757	49057496	H2AZ_Rep2_peak_51903	105
49086876	49088248	H2AZ_Rep2_peak_51904	41
49091528	49092582	H2AZ_Rep2_peak_51905	193
49124912	49127112	H2AZ_Rep2_peak_51906	163
49642166	49645193	H2AZ_Rep2_peak_51910	78
49684834	49688239	H2AZ_Rep2_peak_51912	101
49944162	49945790	H2AZ_Rep2_peak_51913	33
49966571	49967269	H2AZ_Rep2_peak_51915	30
49968650	49970057	H2AZ_Rep2_peak_51916	38
52004515	52005606	H2AZ_Rep2_peak_51922	167
52949351	52951076	H2AZ_Rep2_peak_51923	43
52952469	52953416	H2AZ_Rep2_peak_51924	39
52963348	52964980	H2AZ_Rep2_peak_51925	162
53024019	53026180	H2AZ_Rep2_peak_51928	211
53100696	53102817	H2AZ_Rep2_peak_51934	258
53104105	53105332	H2AZ_Rep2_peak_51935	42
53110246	53113421	H2AZ_Rep2_peak_51937	40
53121992	53124065	H2AZ_Rep2_peak_51938	130
53253805	53255281	H2AZ_Rep2_peak_51939	204
53294699	53296492	H2AZ_Rep2_peak_51941	22
53309027	53311907	H2AZ_Rep2_peak_51942	55

53313827	53314653	H2AZ_Rep2_peak_51943	22
53316314	53317462	H2AZ_Rep2_peak_51944	149
53449365	53450515	H2AZ_Rep2_peak_51948	53
53460452	53463709	H2AZ_Rep2_peak_51949	106
53467088	53469462	H2AZ_Rep2_peak_51950	122
53710368	53714125	H2AZ_Rep2_peak_51953	59
53753139	53754290	H2AZ_Rep2_peak_51956	94
53858306	53858738	H2AZ_Rep2_peak_51958	42
54068953	54072228	H2AZ_Rep2_peak_51959	123
54073836	54075857	H2AZ_Rep2_peak_51960	19
54208773	54210430	H2AZ_Rep2_peak_51961	76
54465774	54467460	H2AZ_Rep2_peak_51963	97
54520238	54523304	H2AZ_Rep2_peak_51964	43
54555286	54557501	H2AZ_Rep2_peak_51965	204
54665235	54666837	H2AZ_Rep2_peak_51966	51
54834044	54836107	H2AZ_Rep2_peak_51969	216
55025836	55027116	H2AZ_Rep2_peak_51971	93
55185991	55189773	H2AZ_Rep2_peak_51973	125
55736323	55741961	H2AZ_Rep2_peak_51975	41
55736323	55741961	H2AZ_Rep2_peak_51975	41
55743429	55745161	H2AZ_Rep2_peak_51976	134
56529766	56532624	H2AZ_Rep2_peak_51977	67
56589208	56590901	H2AZ_Rep2_peak_51978	68
56755070	56756703	H2AZ_Rep2_peak_51979	71
57021052	57022858	H2AZ_Rep2_peak_51980	85
57147218	57148604	H2AZ_Rep2_peak_51981	116
57312989	57313779	H2AZ_Rep2_peak_51982	90
57609840	57610373	H2AZ_Rep2_peak_51984	24
57617446	57618131	H2AZ_Rep2_peak_51985	29
57847767	57849245	H2AZ_Rep2_peak_51988	16
57935781	57938013	H2AZ_Rep2_peak_51989	41
62570079	62571620	H2AZ_Rep2_peak_51991	86
62780387	62782513	H2AZ_Rep2_peak_51992	151
63424555	63427590	H2AZ_Rep2_peak_51993	123
64753751	64757889	H2AZ_Rep2_peak_51996	96
64807109	64808837	H2AZ_Rep2_peak_51998	42
64818459	64823046	H2AZ_Rep2_peak_52000	44
64828131	64829388	H2AZ_Rep2_peak_52001	22
64855084	64856440	H2AZ_Rep2_peak_52002	54
64862318	64865679	H2AZ_Rep2_peak_52004	52
64862318	64865679	H2AZ_Rep2_peak_52004	52
64886701	64889196	H2AZ_Rep2_peak_52005	60
67652469	67654499	H2AZ_Rep2_peak_52014	142

67658285	67659587	H2AZ_Rep2_peak_52015	79
67682324	67682689	H2AZ_Rep2_peak_52017	22
67717951	67719572	H2AZ_Rep2_peak_52018	167
67791156	67792076	H2AZ_Rep2_peak_52019	25
67865865	67869096	H2AZ_Rep2_peak_52021	64
68042192	68043080	H2AZ_Rep2_peak_52022	51
68047712	68049564	H2AZ_Rep2_peak_52023	62
68165588	68166732	H2AZ_Rep2_peak_52025	14
68384831	68385773	H2AZ_Rep2_peak_52027	33
68505261	68506513	H2AZ_Rep2_peak_52028	23
68775935	68776973	H2AZ_Rep2_peak_52031	26
69352075	69354411	H2AZ_Rep2_peak_52035	137
69416851	69417324	H2AZ_Rep2_peak_52037	49
69509116	69510896	H2AZ_Rep2_peak_52040	154
69652857	69655129	H2AZ_Rep2_peak_52041	275
69671752	69676271	H2AZ_Rep2_peak_52043	107
69728135	69729623	H2AZ_Rep2_peak_52045	21
69773431	69774073	H2AZ_Rep2_peak_52046	67
69789726	69790250	H2AZ_Rep2_peak_52047	44
69811336	69812702	H2AZ_Rep2_peak_52048	56
70189817	70190462	H2AZ_Rep2_peak_52049	26
70287364	70289005	H2AZ_Rep2_peak_52050	162
70292652	70293697	H2AZ_Rep2_peak_52052	58
70301366	70302980	H2AZ_Rep2_peak_52054	34
70314966	70316694	H2AZ_Rep2_peak_52055	123
70330201	70332056	H2AZ_Rep2_peak_52057	33
70337555	70339547	H2AZ_Rep2_peak_52058	95
70366011	70367017	H2AZ_Rep2_peak_52059	36
70401271	70402974	H2AZ_Rep2_peak_52060	75
70473627	70475727	H2AZ_Rep2_peak_52062	100
70502268	70503999	H2AZ_Rep2_peak_52063	105
70585419	70587365	H2AZ_Rep2_peak_52066	28
70751396	70753840	H2AZ_Rep2_peak_52068	122
70846503	70846862	H2AZ_Rep2_peak_52069	28
71029715	71030201	H2AZ_Rep2_peak_52070	38
71238045	71240203	H2AZ_Rep2_peak_52071	40
71248370	71250749	H2AZ_Rep2_peak_52072	52
71400487	71402164	H2AZ_Rep2_peak_52076	152
71458151	71459336	H2AZ_Rep2_peak_52077	42
71477688	71478245	H2AZ_Rep2_peak_52078	74
71496737	71500624	H2AZ_Rep2_peak_52079	53
71525687	71527353	H2AZ_Rep2_peak_52080	115
71792027	71793848	H2AZ_Rep2_peak_52082	173

71840165	71842363	H2AZ_Rep2_peak_52084	40
71932910	71934930	H2AZ_Rep2_peak_52086	110
72782095	72784004	H2AZ_Rep2_peak_52089	226
73136521	73139286	H2AZ_Rep2_peak_52092	46
73157342	73158070	H2AZ_Rep2_peak_52093	48
73163258	73164659	H2AZ_Rep2_peak_52094	135
73337683	73340022	H2AZ_Rep2_peak_52095	79
73510540	73513900	H2AZ_Rep2_peak_52096	191
73639834	73640426	H2AZ_Rep2_peak_52098	14
73833983	73836328	H2AZ_Rep2_peak_52099	64
74375334	74377083	H2AZ_Rep2_peak_52100	193
74493227	74495689	H2AZ_Rep2_peak_52101	197
75365787	75366151	H2AZ_Rep2_peak_52102	52
75367871	75368990	H2AZ_Rep2_peak_52103	170
76705484	76707059	H2AZ_Rep2_peak_52108	36
76749859	76750729	H2AZ_Rep2_peak_52109	20
77041226	77044255	H2AZ_Rep2_peak_52110	68
77150501	77151514	H2AZ_Rep2_peak_52111	151
77154160	77155510	H2AZ_Rep2_peak_52112	51
77165485	77167977	H2AZ_Rep2_peak_52113	87
77279914	77280656	H2AZ_Rep2_peak_52114	103
77320628	77321132	H2AZ_Rep2_peak_52115	60
77347405	77348921	H2AZ_Rep2_peak_52116	44
77358886	77360177	H2AZ_Rep2_peak_52118	29
77394584	77396575	H2AZ_Rep2_peak_52119	119
79767528	79769311	H2AZ_Rep2_peak_52124	18
79806435	79806854	H2AZ_Rep2_peak_52125	28
79857422	79860967	H2AZ_Rep2_peak_52128	34
80063306	80066496	H2AZ_Rep2_peak_52130	55
80375233	80377932	H2AZ_Rep2_peak_52132	191
80456638	80458676	H2AZ_Rep2_peak_52133	99
81473970	81474581	H2AZ_Rep2_peak_52135	16
82071173	82072103	H2AZ_Rep2_peak_52136	32
82674170	82674699	H2AZ_Rep2_peak_52140	25
82890003	82890525	H2AZ_Rep2_peak_52142	42
83984896	83985309	H2AZ_Rep2_peak_52144	34
84257634	84259616	H2AZ_Rep2_peak_52145	95
85301423	85303856	H2AZ_Rep2_peak_52147	147
86982742	86984041	H2AZ_Rep2_peak_52153	48
87155636	87156427	H2AZ_Rep2_peak_52154	37
87681004	87681325	H2AZ_Rep2_peak_52155	25
90137732	90139737	H2AZ_Rep2_peak_52162	19
92716118	92716726	H2AZ_Rep2_peak_52171	24

95939079	95941725	H2AZ_Rep2_peak_52174	102
97828654	97829802	H2AZ_Rep2_peak_52176	21
99704893	99705585	H2AZ_Rep2_peak_52178	44
99890534	99891796	H2AZ_Rep2_peak_52180	58
99896799	99897926	H2AZ_Rep2_peak_52181	33
99899329	99899821	H2AZ_Rep2_peak_52182	34
99986271	99987424	H2AZ_Rep2_peak_52184	86
100000137	100003863	H2AZ_Rep2_peak_52185	29
100021253	100021607	H2AZ_Rep2_peak_52186	21
100067157	100067966	H2AZ_Rep2_peak_52187	67
100074511	100075965	H2AZ_Rep2_peak_52188	186
100119684	100120147	H2AZ_Rep2_peak_52189	41
100125739	100127231	H2AZ_Rep2_peak_52190	18
100183831	100184831	H2AZ_Rep2_peak_52191	45
100235377	100236491	H2AZ_Rep2_peak_52192	75
100306077	100307570	H2AZ_Rep2_peak_52193	103
100352329	100354683	H2AZ_Rep2_peak_52194	58
100603131	100604507	H2AZ_Rep2_peak_52195	97
100645056	100646298	H2AZ_Rep2_peak_52196	134
100662098	100663456	H2AZ_Rep2_peak_52197	32
100871909	100873364	H2AZ_Rep2_peak_52198	106
100877842	100878786	H2AZ_Rep2_peak_52199	25
101186303	101187295	H2AZ_Rep2_peak_52201	27
101853463	101855457	H2AZ_Rep2_peak_52202	119
102023658	102024475	H2AZ_Rep2_peak_52203	84
102509331	102510512	H2AZ_Rep2_peak_52204	37
102610895	102612081	H2AZ_Rep2_peak_52205	125
102630962	102632598	H2AZ_Rep2_peak_52206	54
102719546	102719846	H2AZ_Rep2_peak_52207	26
102788618	102789018	H2AZ_Rep2_peak_52208	44
102839540	102841374	H2AZ_Rep2_peak_52209	83
102883374	102885293	H2AZ_Rep2_peak_52210	90
102942086	102943082	H2AZ_Rep2_peak_52212	55
103400843	103402397	H2AZ_Rep2_peak_52214	99
103410315	103411790	H2AZ_Rep2_peak_52215	108
103563028	103564856	H2AZ_Rep2_peak_52217	21
103569573	103570379	H2AZ_Rep2_peak_52218	41
103574784	103575141	H2AZ_Rep2_peak_52219	17
104558090	104559342	H2AZ_Rep2_peak_52220	27
106045407	106046543	H2AZ_Rep2_peak_52222	87
106137875	106138492	H2AZ_Rep2_peak_52223	71
106161241	106161881	H2AZ_Rep2_peak_52224	20
106242130	106243968	H2AZ_Rep2_peak_52225	49

106361376	106362509	H2AZ_Rep2_peak_52226	63
106448990	106450106	H2AZ_Rep2_peak_52227	47
106870975	106872398	H2AZ_Rep2_peak_52228	83
106898043	106898884	H2AZ_Rep2_peak_52229	62
106919654	106920843	H2AZ_Rep2_peak_52230	68
106943462	106944925	H2AZ_Rep2_peak_52231	34
106960386	106962884	H2AZ_Rep2_peak_52232	25
106979710	106980652	H2AZ_Rep2_peak_52234	14
106985166	106985926	H2AZ_Rep2_peak_52235	18
107018310	107020855	H2AZ_Rep2_peak_52236	29
107069995	107070430	H2AZ_Rep2_peak_52237	23
107279270	107280231	H2AZ_Rep2_peak_52239	25
107333659	107335713	H2AZ_Rep2_peak_52240	102
107680931	107683450	H2AZ_Rep2_peak_52241	45
108779338	108781066	H2AZ_Rep2_peak_52242	79
108975680	108977240	H2AZ_Rep2_peak_52243	60
109002777	109004126	H2AZ_Rep2_peak_52245	24
109065864	109066408	H2AZ_Rep2_peak_52246	72
109073547	109074819	H2AZ_Rep2_peak_52248	23
109083549	109084906	H2AZ_Rep2_peak_52249	33
109133004	109134395	H2AZ_Rep2_peak_52253	21
109245059	109246747	H2AZ_Rep2_peak_52255	66
109560460	109562052	H2AZ_Rep2_peak_52258	51
109584218	109585145	H2AZ_Rep2_peak_52260	37
109645243	109646758	H2AZ_Rep2_peak_52262	52
110924020	110925111	H2AZ_Rep2_peak_52264	19
113047785	113048536	H2AZ_Rep2_peak_52266	18
114579278	114580452	H2AZ_Rep2_peak_52267	23
114794065	114797196	H2AZ_Rep2_peak_52268	36
115004625	115005181	H2AZ_Rep2_peak_52270	43
115084484	115086969	H2AZ_Rep2_peak_52271	79
115360901	115362441	H2AZ_Rep2_peak_52272	31
115369326	115370194	H2AZ_Rep2_peak_52273	14
115371401	115372051	H2AZ_Rep2_peak_52274	50
115447444	115449977	H2AZ_Rep2_peak_52275	21
115593651	115594109	H2AZ_Rep2_peak_52277	36
115762528	115763050	H2AZ_Rep2_peak_52279	28
116096004	116096417	H2AZ_Rep2_peak_52281	33
117249870	117251743	H2AZ_Rep2_peak_52285	77
117349372	117350795	H2AZ_Rep2_peak_52286	26
117359465	117360598	H2AZ_Rep2_peak_52287	59
117479019	117481766	H2AZ_Rep2_peak_52288	36
117670420	117671157	H2AZ_Rep2_peak_52289	28



117737760	117738337	H2AZ_Rep2_peak_52292	47
117860636	117862158	H2AZ_Rep2_peak_52295	42
118108212	118110022	H2AZ_Rep2_peak_52297	46
118369542	118371488	H2AZ_Rep2_peak_52298	46
118532565	118534277	H2AZ_Rep2_peak_52299	95
118601557	118602922	H2AZ_Rep2_peak_52300	70
118636885	118637744	H2AZ_Rep2_peak_52302	21
118650383	118650685	H2AZ_Rep2_peak_52303	31
118707344	118709069	H2AZ_Rep2_peak_52304	36
118740151	118741210	H2AZ_Rep2_peak_52305	104
118825377	118827853	H2AZ_Rep2_peak_52307	47
118925570	118926735	H2AZ_Rep2_peak_52310	34
118986355	118987689	H2AZ_Rep2_peak_52311	41
119004583	119006286	H2AZ_Rep2_peak_52312	50
119019763	119020812	H2AZ_Rep2_peak_52314	23
119076491	119078481	H2AZ_Rep2_peak_52315	101
119377948	119379623	H2AZ_Rep2_peak_52317	112
119384097	119385822	H2AZ_Rep2_peak_52318	34
119602496	119603174	H2AZ_Rep2_peak_52319	35
119618994	119620356	H2AZ_Rep2_peak_52320	43
119693779	119696124	H2AZ_Rep2_peak_52323	39
119737127	119738662	H2AZ_Rep2_peak_52324	32
119763443	119764754	H2AZ_Rep2_peak_52325	80
122865906	122867412	H2AZ_Rep2_peak_52332	48
122898510	122899692	H2AZ_Rep2_peak_52333	146
122913964	122914635	H2AZ_Rep2_peak_52334	21
122958470	122959705	H2AZ_Rep2_peak_52335	57
122993076	122994063	H2AZ_Rep2_peak_52337	55
123093201	123095329	H2AZ_Rep2_peak_52338	26
128629457	128630252	H2AZ_Rep2_peak_52339	27
128655678	128657473	H2AZ_Rep2_peak_52340	31
128674055	128675148	H2AZ_Rep2_peak_52341	53
128737877	128738707	H2AZ_Rep2_peak_52342	86
128811537	128813156	H2AZ_Rep2_peak_52344	96
128976439	128978441	H2AZ_Rep2_peak_52345	97
129039524	129040601	H2AZ_Rep2_peak_52346	67
129065942	129067311	H2AZ_Rep2_peak_52347	31
129091438	129092091	H2AZ_Rep2_peak_52348	20
129095024	129096026	H2AZ_Rep2_peak_52349	86
129115708	129117322	H2AZ_Rep2_peak_52350	32
129194241	129195413	H2AZ_Rep2_peak_52351	77
129245178	129245573	H2AZ_Rep2_peak_52352	15
129298656	129300867	H2AZ_Rep2_peak_52355	98

129307241	129308427	H2AZ_Rep2_peak_52356	17
129326364	129326714	H2AZ_Rep2_peak_52357	33
129401432	129403568	H2AZ_Rep2_peak_52358	30
129473256	129474615	H2AZ_Rep2_peak_52360	94
129535161	129536705	H2AZ_Rep2_peak_52362	114
130036275	130037891	H2AZ_Rep2_peak_52363	40
130092444	130093111	H2AZ_Rep2_peak_52364	21
130711643	130712707	H2AZ_Rep2_peak_52365	26
130838243	130838980	H2AZ_Rep2_peak_52366	22
130964194	130966257	H2AZ_Rep2_peak_52367	61
130975164	130976422	H2AZ_Rep2_peak_52368	90
131156365	131158472	H2AZ_Rep2_peak_52369	121
131350948	131354016	H2AZ_Rep2_peak_52371	65
131600674	131601139	H2AZ_Rep2_peak_52373	43
131614181	131615261	H2AZ_Rep2_peak_52374	60
131622598	131625551	H2AZ_Rep2_peak_52375	28
132091326	132093067	H2AZ_Rep2_peak_52376	63
132860436	132861148	H2AZ_Rep2_peak_52377	35
133210076	133210577	H2AZ_Rep2_peak_52379	62
133449738	133450391	H2AZ_Rep2_peak_52380	15
133506441	133508377	H2AZ_Rep2_peak_52382	57
133593575	133595045	H2AZ_Rep2_peak_52383	68
133670756	133672720	H2AZ_Rep2_peak_52384	30
133682023	133684358	H2AZ_Rep2_peak_52386	51
133737755	133739119	H2AZ_Rep2_peak_52387	28
133792112	133792731	H2AZ_Rep2_peak_52388	45
133803557	133804874	H2AZ_Rep2_peak_52389	34
133809953	133811316	H2AZ_Rep2_peak_52390	31
133851583	133853161	H2AZ_Rep2_peak_52392	37
133930788	133932903	H2AZ_Rep2_peak_52393	31
133940692	133942014	H2AZ_Rep2_peak_52394	67
133970272	133970778	H2AZ_Rep2_peak_52395	44
134004119	134004419	H2AZ_Rep2_peak_52397	19
134048261	134049858	H2AZ_Rep2_peak_52399	47
134099004	134099844	H2AZ_Rep2_peak_52400	32
134123167	134125548	H2AZ_Rep2_peak_52401	44
134133563	134134913	H2AZ_Rep2_peak_52402	17
134137778	134138880	H2AZ_Rep2_peak_52403	121
134165731	134166731	H2AZ_Rep2_peak_52404	149
134185234	134186751	H2AZ_Rep2_peak_52405	46
134220236	134220569	H2AZ_Rep2_peak_52406	36
134232542	134233644	H2AZ_Rep2_peak_52407	31
134477269	134479476	H2AZ_Rep2_peak_52408	58

135055255	135056180	H2AZ_Rep2_peak_52409	135
135065334	135068803	H2AZ_Rep2_peak_52410	49
135228384	135229365	H2AZ_Rep2_peak_52414	79
135248306	135248717	H2AZ_Rep2_peak_52416	14
135250971	135253109	H2AZ_Rep2_peak_52417	27
135258479	135259034	H2AZ_Rep2_peak_52418	41
135332549	135334117	H2AZ_Rep2_peak_52419	58
135578377	135580342	H2AZ_Rep2_peak_52420	66
135962365	135963531	H2AZ_Rep2_peak_52422	43
135991053	135992927	H2AZ_Rep2_peak_52423	65
139012294	139016502	H2AZ_Rep2_peak_52425	47
140270571	140272023	H2AZ_Rep2_peak_52427	125
140740224	140741846	H2AZ_Rep2_peak_52428	53
141022029	141023688	H2AZ_Rep2_peak_52429	50
141892156	141892673	H2AZ_Rep2_peak_52430	105
142085907	142087151	H2AZ_Rep2_peak_52431	33
142180899	142184708	H2AZ_Rep2_peak_52433	31
142667237	142669413	H2AZ_Rep2_peak_52439	33
142721874	142723319	H2AZ_Rep2_peak_52440	42
143118892	143119453	H2AZ_Rep2_peak_52442	27
146957292	146959350	H2AZ_Rep2_peak_52445	23
146966105	146967249	H2AZ_Rep2_peak_52446	21
146982873	146983818	H2AZ_Rep2_peak_52448	44
146992723	146994232	H2AZ_Rep2_peak_52449	68
148586231	148587302	H2AZ_Rep2_peak_52450	67
148620991	148623366	H2AZ_Rep2_peak_52451	92
148712457	148713978	H2AZ_Rep2_peak_52452	74
149105893	149106759	H2AZ_Rep2_peak_52453	53
149204267	149206108	H2AZ_Rep2_peak_52455	19
149530621	149532999	H2AZ_Rep2_peak_52458	76
149643926	149645579	H2AZ_Rep2_peak_52459	43
149736164	149737793	H2AZ_Rep2_peak_52461	88
149861014	149862833	H2AZ_Rep2_peak_52462	42
150066204	150068765	H2AZ_Rep2_peak_52463	70
150564837	150566410	H2AZ_Rep2_peak_52466	56
150921428	150923459	H2AZ_Rep2_peak_52467	40
151141777	151143829	H2AZ_Rep2_peak_52472	46
151150468	151151081	H2AZ_Rep2_peak_52473	46
151153201	151155328	H2AZ_Rep2_peak_52474	38
151998516	152000613	H2AZ_Rep2_peak_52475	42
152063958	152066929	H2AZ_Rep2_peak_52476	42
152072825	152073370	H2AZ_Rep2_peak_52477	43
152109411	152111221	H2AZ_Rep2_peak_52479	97

152126570	152128448	H2AZ_Rep2_peak_52480	47
152200389	152201455	H2AZ_Rep2_peak_52481	49
152599308	152600169	H2AZ_Rep2_peak_52482	63
152735313	152736978	H2AZ_Rep2_peak_52484	53
152864016	152865747	H2AZ_Rep2_peak_52487	108
152933266	152934704	H2AZ_Rep2_peak_52490	35
152988706	152989487	H2AZ_Rep2_peak_52491	37
153059479	153060730	H2AZ_Rep2_peak_52495	46
153150747	153152983	H2AZ_Rep2_peak_52497	24
153166731	153169098	H2AZ_Rep2_peak_52498	27
153236184	153239069	H2AZ_Rep2_peak_52500	34
153236184	153239069	H2AZ_Rep2_peak_52500	34
153284397	153286050	H2AZ_Rep2_peak_52501	33
153363319	153364011	H2AZ_Rep2_peak_52502	122
153601854	153602885	H2AZ_Rep2_peak_52506	85
153625481	153626412	H2AZ_Rep2_peak_52507	48
153637133	153641242	H2AZ_Rep2_peak_52508	31
153637133	153641242	H2AZ_Rep2_peak_52508	31
153656344	153657554	H2AZ_Rep2_peak_52509	54
153665400	153665899	H2AZ_Rep2_peak_52510	45
153685864	153687369	H2AZ_Rep2_peak_52512	27
153707238	153708170	H2AZ_Rep2_peak_52513	54
153719129	153719496	H2AZ_Rep2_peak_52514	44
153743834	153745206	H2AZ_Rep2_peak_52515	38
153774829	153776498	H2AZ_Rep2_peak_52518	22
153827963	153830090	H2AZ_Rep2_peak_52520	80
153957795	153959800	H2AZ_Rep2_peak_52523	14
153962516	153963049	H2AZ_Rep2_peak_52524	68
153989862	153991947	H2AZ_Rep2_peak_52525	33
154033032	154034530	H2AZ_Rep2_peak_52527	62
154146343	154147003	H2AZ_Rep2_peak_52528	71
154208278	154209861	H2AZ_Rep2_peak_52530	79
154285311	154286278	H2AZ_Rep2_peak_52532	39
154297974	154300636	H2AZ_Rep2_peak_52533	74
154365132	154366340	H2AZ_Rep2_peak_52534	25
154443638	154445534	H2AZ_Rep2_peak_52535	150
154841718	154843166	H2AZ_Rep2_peak_52536	120