

Table S2. List of primers for off target evaluation

Gene name		Primers
PHF21B	F:	TCGTCGGCAGCGTCT
	R:	GTCTCGTGGGCTCGG
PIWIL1	F:	TCGTCGGCAGCGT
	R:	GTCTCGTGGGCTCGG
NTRK1	F:	TCGTCGGCAGCGT
	R:	GTCTCGTGGGCTCGG
SPRYD3	F:	TCGTCGGCAGCGTC
	R:	GTCTCGTGGGCTCGG
NRG1	F:	TCGTCGGCAGCGTC
	R:	GTCTCGTGGGCTCGG