

Supplementary Table 1. The BLAST-N search parameters and GenBank accession numbers of bacterial 16S rRNA genes used in the construction of phylogenetic tree

Microorganisms	GenBank accession no.	Total (Max) score	Identity (%)	Query Cover (%)
<i>Bdellovibrio bacteriovorus</i> strain SOIR-1 ^(a)	MG230309.1	2202	100	100
<i>Bdellovibrio bacteriovorus</i> strain DM7C	KU973530.1	2135	98.99	100
<i>Bdellovibrio bacteriovorus</i> strain HD100	NR_027553.1	2135	98.99	100
<i>Bdellovibrio bacteriovorus</i> strain HD 100, DSM 50701	AJ292759.1	2135	98.99	100
<i>Bdellovibrio bacteriovorus</i> strain JSF1	EU884925.1	2124	98.83	100
<i>Bdellovibrio bacteriovorus</i> strain SRE7	AF263832.1	2124	98.83	100
<i>Bdellovibrio bacteriovorus</i> strain angelus	GQ427200.1	2121	98.74	100
<i>Bdellovibrio bacteriovorus</i> strain SSB218315	KT807464.1	2108	98.58	100
<i>Bdellovibrio bacteriovorus</i> strain BRP4	AF148939.1	2030	97.40	100
<i>Bdellovibrio bacteriovorus</i> strain BEP2	AF148938.1	2030	97.40	100
<i>Bdellovibrio bacteriovorus</i> strain DM11A	KU973532.1	2002	96.98	100
<i>Bdellovibrio bacteriovorus</i> strain SRA9	AF263833.1	1991	96.82	100
<i>Bdellovibrio</i> sp. MPA	AY294215.1	1967	96.48	100
<i>Bdellovibrio</i> sp. ETB	DQ302728.1	1964	96.40	100
<i>Bdellovibrio</i> sp. SKB1291214	KT852580.1	1892	95.31	100
<i>Bdellovibrio</i> sp. HEA	AY294216.1	1777	93.89	98
<i>Bdellovibrio</i> sp. JSF2	EU884926.1	1772	93.81	98
<i>Bdellovibrio bacteriovorus</i> strain TRA2	AF148941.1	1694	92.30	100
<i>Bdellovibrio exovor</i> strain FFRS-5	KP272154.1	1692	92.29	100
<i>Bdellovibrio exovor</i> strain JSS	NR_102876.1	1692	92.29	100
<i>Bacteriovorax</i> sp. EPC3	AY294222.1	942 (702)	82.18	85
<i>Peredibacter starr</i> strain A3.12	NR_024943.1	870	81.70	88
<i>Bacteriovorax litoralis</i> strain JS5	NR_028724.1	843	81.85	85
<i>Bacteriovorax</i> sp. RM3S4-S	JN934655.1	843	81.85	85
<i>Bacteriovorax stolpii</i> strain DSM 12778	NR_042023.1	846	80.97	91
<i>Bacteriovorax stolpii</i> strain Uki2	NR_115142.1	721	80.67	79
<i>Bacteriovorax marinus</i> strain SJ	NR_115141.1	719	80.92	77
<i>Bacteriovorax</i> sp. ETC	AY294217.1	811	80.45	91
<i>Escherichia coli</i>	M25588.1	154	83.63	14

^(a) The strain isolated in this study