

Supplementary Table 1. Primers sequence information used for amplification and sequencing of 16S rRNA, *recA*, *atpD*, *nifH* and *nodD* genes.

Gene name	Primer sequence (5'->3')	
	Forward	Reverse
16S rDNA	TGAGACACGACCCACTCTAC	AAGAGCTGGTAAGGTTCTGC
<i>recA</i>	ATCGAGCGGTCGTTCGGCAAGGG	TTGCGCAGCGCCTGGCTCAT
<i>atpD</i>	ATCGGCGAGCCGGTCGACGA	GCCGACACTTCCGAACCAGCCTG
<i>nifH</i>	AAGACGTGCTCAAGGTCGGC	GGGATGGTGCCTTTGCCAGA
<i>NodD</i>	ATCAACCTCAGCCAACCCGC	CACGTCCGAACTTAGCCGCA