

Table S1 The genes and their primers used for transcriptional analysis in this study.

Genes	Forward primers (5'-3')	Reverse primers (5'-3')
<i>hetR</i>	GGTGGAAGATACCGCTCGG	GCCCAGGCACGGATAACTTC
<i>patA</i>	CACTTCCGATTAGTAGATACAGA	CTAAATACCTGTAAACAACCAG
<i>hepA</i>	GGTAGAACAGTAATTGCGAT	ATCTGGTGATATTCCCAAAGC
<i>nifH</i>	GGTAAATCTACCACCTCCCA	ACGGGTGGAGTCAGCTTTAG
<i>rnpB</i>	AAGAGCGCACCCAGCAGTATC	GCTTGTTACCAAACGCCTCT
16S rRNA gene	CAGGTGGCAATGTAAGTCT	TCGTCCCTCAGTGTCAGTT