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2 **Supplementary Table 2:** Oligonucleotide primer pairs for PCR and sequencing

gene	forward primer 5'-3'	reverse primer 5'-3'	amplified size [bp]	compared size [bp]
<i>aroE</i>	CCTACGCTTGTAGCATTG	CTTAGCTGCGGTTGTTG	596	458
<i>glgB</i>	CAGCAGCAGTTCTTACAG	ACCGTGAACCACTTCATC	950	491
<i>nifS</i>	GATTCGGACAGCTGATTG	GTCTGGTGGTACAGAAAG	859	738
<i>p20</i>	TATTTACGCCACGTCTG	CATAGCGCAATAGGTCAC	493	394
<i>tkt</i>	GTCAAACGGTGGATACTC	CCGAATACGGTCATACTG	550	441
<i>trpD</i>	CGACGCCATGTGTAATTG	AAGGTAAGGGCTAGGTTC	643	418
<i>uvrA</i>	CTCGCAAGGTACGTAAAC	GGCAACACCTTGATTGTC	675	517

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