

**Table S2.** Primers designed for qRT-PCR

| Gene          | Primer  | Sequence (5'→3')          |
|---------------|---------|---------------------------|
| tonB1         | tonB1-F | ACGGTTTTTAAGCGGTTTG       |
|               | tonB1-R | CGCCTTCTGGTGGCTCTAT       |
| tonB2         | tonB2-F | CCTCGACCACTTCCACATCC      |
|               | tonB2-R | GCGAGCGGCAACTTCCAT        |
| tonB3         | tonB3-F | CGATGGACATGCCCAAACCTC     |
|               | tonB3-R | GGTGAACCTCCACCAGCACCTT    |
| <i>acuC</i>   | Ac-F    | AGGACGATGCCTACCTCACC      |
|               | Ac-R    | GCGTTTGTTTCGCCTCTTCA      |
| <i>cblA</i>   | Ad-F    | CCGAGGCGTTCTATGTGCA       |
|               | Ad-R    | TTGGTCAGGTAGCCGGTGAT      |
| <i>aerA</i>   | Ae-F    | GGTCTGTGGCGACAAGTATCG     |
|               | Ae-R    | AGAGCAGACAGAGTCGGTATTTCTC |
| <i>ascV</i>   | As-F    | GGGTATTCACCTGCGTTTCA      |
|               | As-R    | GATGTTTCATTAGCGACCCACA    |
| <i>hlyA</i>   | Hl-F    | CCGCCCAGTCCTTCATCTAT      |
|               | Hl-R    | AGGGTCCGTAGGCTCACATT      |
| <i>ompA</i>   | Om-F    | CTCACGATCTGGGTGACTTTG     |
|               | Om-R    | CGCCGTTGATGGACTTGA        |
| <i>ompTS</i>  | Pr-F    | AATGGCTCCTTCCCTGATCG      |
|               | Pr-R    | TGGCACCCCTGGTTCTCGTAA     |
| <i>vash</i>   | Va-F    | AAACTGGCACGGGGAAAGAG      |
|               | Va-R    | GCTTGTAAGGTGAGCGGCATAT    |
| <i>traA</i>   | Tr-F    | GTGATGGTCGTCGCCTTTCT      |
|               | Tr-R    | GATAACCTTCTCCGCATTTTCC    |
| <i>pilB</i>   | Pi-F    | CTAATGCGAATGCAGCACGTA     |
|               | Pi-R    | CGCTTCAACAGTTCCAACCA      |
| <i>rfaF</i>   | Rf-F    | TACCTGGCACTGGCCTATCC      |
|               | Rf-R    | CTCGTCGAGGTGCTTTTGTG      |
| <i>degQ</i>   | De-F    | CACCGAGCTTACCTCCGAAAT     |
|               | De-R    | CCGCCTTCTTCAGCGTGAC       |
| <i>flgE</i>   | Fe-F    | CCCGCTCAGACATTGGAGAT      |
|               | Fe-R    | GTCGCATTGCTGTAGGTCGC      |
| <i>flgL</i>   | Fl-F    | GCCCCAGAACAACAACATCC      |
|               | Fl-R    | GCCGCATCCTCTTTTGACA       |
| <i>mtnN-1</i> | Mt1-F   | AGGTCTGATGCAGCCAGTT       |
|               | Mt1-R   | TGGCACAACTTCGAGGTCA       |

|               |       |                            |
|---------------|-------|----------------------------|
| <i>mtnN-2</i> | Mt2-R | TGATCGCCGGTGCAGATGA        |
|               | Mt2-R | TGATCGCCAGCGAGATG          |
| <i>AhyI</i>   | Ah-F  | AGATGCTGGGCAGCATGTA        |
|               | Ah-R  | TGGAGCAGGACAGTTTCGATA      |
| <i>AhyR</i>   | Ay-F  | ACGGCATCATACTGTCGTTTCATCAC |
|               | Ay-R  | CCTCGAAGATGTAGTTGGACATCCA  |
| <i>LuxR</i>   | Lu-F  | ACCGGCTTCTACATGAG          |
|               | Lu-R  | ATGGGCCTCTTCCAGTGA         |
| 16S rDNA      | 16s-F | GGGGAGTACGGTCGCAAGAT       |
|               | 16s-R | CGCTGGCAAACAAGGATAAGG      |

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