**Table S2** - Primers and their sequences designed in this study.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Primer** | **Gene** | **Locus tag** | **Sequence** | **Locationb** | **Aplicationc** |
| sidJF | *sidJ* | lpg2155 | 5’-ATGTTTGGTTTCATAAAGAAAGT-3’ | 1-20 | A, S |
| sidJR | *sidJ* | lpg2155 | 5’-TTATWKCAARCGTTTATCAGWRKTAC-3’ | 2603-2628 | A,S |
| sidJF2 | *sidJ* | lpg2155 | 5’-CAAAGCGCCTTTRTACAAAA-3’ | 763-783 | S |
| sidJR2 | *sidJ* | lpg2155 | 5’-CCRAGYGTTAACTGAATAACC-3’ | 1827-1848 | S |
| sidJF3a | *sidJ* | lpg2155 | 5’-GATGGTGTTCATCAAGACC-3’ | 1625-1645 | S |
| sdeBrev | *sedB* | lpg2156 | 5’-AACCAGTGATAACAAAATATC-3’ | 2928-2948 | A, S |
| sidJfwd2000 | *sidJ* | lpg2155 | 5’-CTAATATTGAAAAACATTTC-3’ | 2006-2025 | A, S |
| sidJrev385 | *sidJ* | lpg2155 | 5’-TCTATCCCATTAAAAGAAATTCCTT-3’ | 385-406 | A, S |
| laiEfwd | *laiE* | lpg2154 | 5’-ATCATCTGTATGGCGCTAAACA-3’ | 190-211 | A, S |
| sedCfwd | *sedC* | lpg2153 | 5’-AAACGAGTCACCGACTTTGA-3’ | 3421-3440 | A, S |
| sedArev | *sedA* | lpg2157 | 5’-TCCATGCAACGCTGGATAGG-3’ | 1303-1322 | A, S |
| sedBfwd | *sedB* | lpg2156 | 5’-GCAAAAGCTACTCCAATAGAT-3’ | 4441-4461 | A, S |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

a Primers used for sequencing *L. pneumophila* subsp. *fraseri* (SGs 4, 5, and 15)

b Locations in the aligned data set of nucleotide sequences from *L. pneumophila* Philadelphia 1

c A, amplification; S, sequencing.