Supplemental Table 1. Primers

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| Primers | Sequence (5’ to 3’) |
| Construction of Δ*slpB* and Δ*ltaS* |
|  slpB1U-F | GAAATAGGATCCCAGCTATCATCAGCCTTCAT |
|  slpB2U-R | AGATACAGCAGAAGCAGCAA |
|  slpB3D-F | TTGCTGCTTCTGCTGTATCTTTGAAGAAGGGTGAAGTTGT |
|  slpB4D-R | TAAAGTAGAGCTCTGATAGGAAAGGTGCTCAAT |
|  ltaS1U-F | CAGCAGGGATCCAAGGTGGTCGATCGACTTCTAT |
|  ltaS2U-R | GGTACGTTCCATCGCTCTCT |
|  ltaS3D-F | AGAGAGCGATGGAACGTACCACTGATGCGCCTGAGTTGAAA |
|  ltaS4D-R | CTGCTGGAGCTCGCCCGCAGTAATCTTGACTT |
| PCR analysis and DNA sequencing of deletion targets |
|  slpB-up | TTCGTTGCATCAGCATAAG |
|  slpB-dw | GTGTAGTATTGCCGATAACAG |
|  ltaS-up | GTTCATGGCTTAGTGTTAC |
|  ltaS-dw | CATCATCTGCTTCTTCATC |

a restriction enzyme sites, underlined