

**Table S3.** Primers designed for this study

| Primer | Sequence 5' to 3' <sup>a</sup>                               | Use   |
|--------|--|---|
| oKL516 | gcggatccagctgcagCCGCCGGCAATTCGCCTG                           | Gibson assembly for deletion of <i>lipS1</i> with insertion of random scar sequence into pJSC232 PstI site    |
| oKL517 | gggtgccctcgagtgcATGAGAACCCCTGAAGCCACAAG                      |   |
| oKL518 | gttctcatgcactcgagggcaccggagctTAAATACTGCTCCCTTACGCC           |   |
| oKL519 | aagcttcgaattctgcaGGTTGGGTTTCGATGCGCT                         |   |
| oKL520 | CAAGGACAATTAACAGTTAACAAATAA                                  | amplifying the fragment insertion site in pJSC232   |
| oKL521 | CGTTTCCCGTTGAATATGGCTCAT                                     |   |
| oKL522 | TCCCTTCAGTGAGTTAAAGCGGC                                      | Deletion control of <i>lipS1</i> in <i>C. accolens</i> 1818   |
| oKL523 | TCAGGTCCGCTGGTGGCAAT   |   |
| oKL556 | actggagcttctcatcggt  | sequencing LipS1- mutant  |
| oKL557 | ttgaaaacaggatgacgat  |   |
| oKL508 | catggacgcgtgacggtcgacACTCCTTGCCAAACCGGT                      | Gibson assembly for cloning <i>lipS1</i> into pCGL0243  |
| oKL509 | aaagcttatcgataccggtcgacttaatggatggtgatggtgCTGGCTTCCCTCCTCGTG |   |
| oKL381 | CTTGGGAGAAGCGGCAGGGCGG                                       | amplifying pCGL0243 multiple cloning site in <i>E. coli</i> ; sequencing <i>lipS1</i> insertion in pLB502     |
| oKL382 | GGTTCACGTAGTGGGCCATCGCCCT                                    |   |
| oKL562 | CGGGGAAGAACAGTATGTC  | amplifying pCGL0243 multiple cloning site in <i>C. accolens</i> ; sequencing <i>lipS1</i> insertion in pLB502 |
| oKL563 | GGCCGCTCTAGAACTAGTG  |   |
| oKL244 | GCAGAATAAATGATCCGTCGAG                                       | sequencing <i>lipS1</i> insertion in pLB502   |
| oKL422 | CCTTCTACCCTCGACGGCTC   |   |
| oKL423 | CAGCAGTAGAGTACGGAATCAC                                       |   |
| oKL547 | CATCAGTCAAATCAATTCAG   |   |
| oKL558 | GGTCCGCTAATCCTTGAG   |   |
| oKL559 | TCTGTACTCGGATACGGG   |   |
| oKL561 | GGCGATGGCGAAAATCATC  |   |