### Generation of the *srtA* mutation in *Streptococcus oralis* strain *S. mitis/oralis* 351

An insertion-deletion mutant of *srtA* in *S. mitis/oralis* 351 was generated using a construct using a plasmid generated from strain Uo5 using the primers detailed below.

### **Table 1: Primers Used in This Study**

|  |  |  |  |
| --- | --- | --- | --- |
| Target | Name | Sequence 5’ to 3’ | Location  (accession no.) |
| *srtA* | P1 | TCGGATCCAGAATTCGTCGAATTGCCACAGGTGTC a | 816561-816580  (FR720602.1) |
|  | P2 | CACGAACGAAAATCGATGAGACATTATGCTTCACCTTC b | 816977-816999  (FR720602.1) |
|  | P3 | ATAAACCCTTGCATAGGCCTTTAATCAACCGTATAG b | 817713-817733  (FR720602.1) |
|  | P4 | CTTGTCGACGAATTCTCAAGAAACTACCAGCTGTC a | 818220-818239  (FR720602.1) |
|  | P5 | TGCTGACAGAAGAAGATACC | 816474-816493  (FR720602.1) |
|  | P6 | GCTATCAAAGCTCCGATAAG | 818296-818315  (FR720602.1) |
| Spec | S1 | CGATTTTCGTTCGTGAATAC | 5418–5399  (KM009065) |
|  | S2 | TATGCAAGGGTTTATTGTTTTC | 4265–4286  (KM009065) |
| pDrive | M13F | GTAAAACGACGGCCAG | 432-447  (DQ996013.1) |
|  | M13R | CAGGAAACAGCTATGAC | 204-220  (DQ996013.1) |

**a** Underlining indicates nucleotides introduced to allow In-Fusion cloning into the pDrive.

**b** Underlining indicates nucleotides introduced to allow In-Fusion cloning with *aad9* (spectinomycin resistance cassette).