Table 6. Primers used in this study (restriction sites underlined)

Primers used to clone *dgp* genes for expression in *B. fragilis*	
dgpA forward	ATGGATCCGGCAATCCAATAGAAGAGCTTATTA
dgpA reverse	CAGGATCCACGGAAATTCGATCAGTTTTCTAC
dgpC forward	ACGGATCCTTTAATAGCAAACGACGATTTTCA
dgpC reverse	CTGGATCCGATTCTCCCATCTCTTGACCTATC
dgpE forward	TTGGATCCAACCTTTTCTAAACAACCCCTGTT
dgpE reverse	GAGGATCCGAATCCCGGCGTTAGTATACAG
Primers used to create His-tagged DgpA and DgpC	
dgpA forward	TTGGATCCTATGAACAAAAAGTTTTCTACGATTT
dgpA reverse	TCGGATCCTTATTTAACGATTGTCTTAACAGCCTCT
dgpC forward	GGGGATCCTATGAACAAAAAGTTTTCTACTCTTTTGG
dgpC reverse	CCGGATCCTTATTTAACAACCACTTTAACAGCTTCC
Primers used to demonstrate promoter inversion	
dgpB forward	ACGGATGAATTATAGGTTTTAGCC
dgpB reverse	GTATTCAATTCATCAGCACCTGAG
dgpB center	AGGTACGCGTTTCTTCGATACTT
dgpC forward	ATAGAGCAAGCTACTGCCGATAAT
dgpC reverse	GACCTTGATAGTTCCGTTATCGTT
dgpC center	AAGGTACGCATTTCTTCGATACTT
dgpD forward	GCTCCCATTTTGATCAATTCTTAT
dgpD reverse	ATACTTGCAGGAATATTTGCTTGG
dgpD center	TATCATTTACCAAACAAGCGATTC
dgpF forward	CAGCAAAGTTCGTGTGTATTCATT
dgpF reverse	GTCAGCAGTCATGTTTATCTTTGC
dgpF center	AGGTACGCGTTTCTTCGATACTT
dgpG forward	TTGTAACCCTGTTAGAACCCAGTC
dgpG reverse	GTACCATACAAACCGTTGATCTGA
dgpG center	ACCTCTCTTTTCCTCCCTTAAAAA
dgpH forward	TCTCAAGTGAGTTGGTCTGTTGAT
dgpH reverse	AACAAATTTCCAACCAGTTCATTC
dgpH center	CACCCCTTATCCTCTTTCTTATCA
dgpI forward	ACTTATCGGTGCATGCTCTGTG
dgpI reverse	GGAAACCTCAGTCTCACCTAACTC
dgpI center	TCATCCCTTATTCGCTTTCTTATC

Table 6. Primers used in this study (cont.)

Primers used to clone *ssrA*, *ssrB*, *ssrC*, and *ssrD*	
ssrA forward	TGACGGATCCACTATCAATCAATCCGTTTCCAGT
ssrA reverse	CAAAGGATCCAAACGAGCGATAAGTCTGCTAAAC
ssrB forward	TTTGGGATCCTAAGCCAACCGAATTAAAGTGTTT
ssrB reverse	TTCGGGATCCACTTAGCAGAGGTGAAAGGAGCTT
ssrC forward	TCTAGGATCCAAAGCGTTAAACATCCCATAATCT
ssrC reverse	AGTTGGATCCTCATGATAGCTACCGGAGTATTGA
ssrD forward	GTAAGGATCCTCTTGGATAGATCCGGAAATAATG
ssrD reverse	TTTAGGATCCAATTTTGCGCATTTACTCGTATTT
Primers used to clone the promoter, IRs, and flanking regions	
dgpB forward	CATTCTGCAGCGATTCTCAAGGGCTTTAATTTAC
dgpB reverse	TCAACTGCAGCACCAGCCAAAAGAGTAGAAAACT
dgpC forward	AAGACTGCAGAGTCGATTCTCTGGGAGTTAAGAA
dgpC reverse	TCAACTGCAGCACCTGCCAAAAGAGTAGAAAACT
dgpF forward	AGTTCTGCAGAAGGAATATTTGTTGATTGCTTGA
dgpF reverse	TTCCCTGCAGGTAAACTTTGCCATTTTCAACCTT
Primers used to demonstrate inversion of promoters by SsrA-SsrD	
dgpB C1	AGGTACGCGTTTCTTCGATACTT
dgpB C2	AATCGCTTGTTTCGTAAAGGATAA
dgpC C1	AAGGTACGCATTTCTTCGATACTT
dgpC C2	GTCTGGAAGGGTTGCAAGTATC
dgpF C1	AGGTACGCGTTTCTTCGATACTT
dgpF C2	GTTTGTTTATGGAATCGGTTGTTT
C7	GGGGACATTGTCTCTCTTTC