

Table 1S
Oligonucleotides used

SrtAF	5' end of <i>srtA</i> of <i>B. anthracis</i> gacagAAGCTT aaaggagtgaaggtt gt atgaataagcaaagaattatag
SrtAR	3' end of <i>srtA</i> of <i>B. anthracis</i> gacagGGATCC <u>ttattatcatcatcatcttataat</u> ctttctcgc
PhrCF	5' end of <i>phrC</i> of <i>B. subtilis</i> gacagAAGCTT aaaggagtgaaggtt gt atg
PhrCR	3' end of <i>phrC</i> of <i>B. subtilis</i> gacagACTAGTgtcacatgaaagtcgagtg
HisCelAF	5' end of <i>celA</i> of <i>C. thermocellum</i> gacagACTAGT <u>catcatcatcatcatcatcat</u> gcagggtgcttttaacacaaaatac
HisCelAR	3' end of <i>celA</i> of <i>C. thermocellum</i> gacagGCGGCCGCataaggtaggtgggtatgc
FibF	5' end of the c-terminal domain of <i>fibronectin binding protein B</i> of <i>S. aureus</i> gacagGCGGCCGCcaagtaagtggtcataatgaaggtc
FibR	3' end of the c-terminal domain of <i>fibronectin binding protein B</i> of <i>S. aureus</i> gacagGCATGCttatgcttctgtgattctttttattctcgcg
CohF	5' end of the second cohesin of <i>cipA</i> of <i>C. thermocellum</i> gacagACTAGT <u>catcatcatcatcatcat</u> gggtggtgtagtagaaattgg
CohR	3' end of the second cohesin of <i>cipA</i> of <i>C. thermocellum</i> gacagGCGGCCGCcttggtcgggttgctcattgc
DoctF	5' end of the CBM and dockerin module of <i>xyn10B</i> of <i>C. thermocellum</i> gacagGCGGCCGCcagtcgcaatggggcgacggtaa
DoctR	3' end of the CBM and dockerin module of <i>xyn10B</i> of <i>C. thermocellum</i> gacagGCATGCttaaggattttctgctacagg
CelA-DoctF	5' end of the <i>celA-doct</i> fusion protein gacaGCTAGCgcagggtgcttttaacac
CelA-DoctR	3' end of the <i>celA-doct</i> fusion protein gacagAAGCTTtaaggattttctgctacag
GSTF	5' end of <i>fgst</i> of pGEX-4t containing 20 nt from <i>fibronectin binding protein B</i> of <i>S. aureus</i> gaaataaaaagaatcacaagaatgcccctatactagggtattgg
GSTR	3' end of <i>fgst</i> of pGEX-4t gacagGCATGCttatgctcagatgcggccgctcg
FibGSTR	3' end of <i>fibronectin binding protein B</i> of <i>S. aureus</i> containing 20 nt of <i>fgst</i> of pGEX-4t ccaataacctagtaggggacattgcttctgtgattctttttatttc
Scaff	5' end of fusion scaffold containing a type I cohesin of <i>C. cellulolyticum cipC</i> , a type I cohesin and CBM of <i>C. thermocellum cipA</i> , and a type I cohesin of <i>scaB</i> of <i>R. flavefaciens</i> gacagACTAGT <u>taccatacagatgtccagattacgct</u> ggcgattctctaaagttacag
ScafR	3' end of fusion scaffold containing a type I cohesin of <i>C. cellulolyticum cipC</i> , a type I cohesin and CBM of <i>C. thermocellum cipA</i> , and a type I cohesin of <i>scaB</i> of <i>R. flavefaciens</i> gacagGCGGCCGCcttaacaatgatagcgcc

Restriction sites are in uppercase. Ribosomal binding sites used are in bold. Nucleotide sequence for FLAG tag is italicized and underlined. Nucleotide sequence for polyhistidine tag is underlined. Nucleotide sequence for HA tag is italicized.