

Table S1. Oligonucleotides used in this work

Oligonucleotide	Sequence (5'→3') ^a	Nucleotide position ^b
CatMED	CCTAACTCTCCGTCGCTATTG	Complementary to 213 to 233 of <i>cat</i>
CatI	ATGAACTTTAATAAAAATTGATTTAGAC	1 to 26 of <i>cat</i>
CatDownSph	gcgcg catgc GATATGGATCTGGAGCTGTAA	Complementary to 734 to 754 of <i>cat</i>
CATRTF	ATACCGAAACATAAAAACAAGAAGG	113 to 137 of <i>cat</i>
CATRTR	TACAGGAGTCCAAATACCAGAGAA	Complementary to 288 to 312 of <i>cat</i>
Spr1684RTF	CCATCGGCTAGTCTGACCCAAAAG	310 to 333 of <i>fatD</i>
Spr1684RTR	ATCCCAATCAGAGGCAACATCCAC	Complementary to 414 to 437 of <i>fatD</i>
Spr1685RTF	CTACTTTTGGCCCATCACTCACTT	72 to 95 of <i>fatC</i>
Spr1685RTR	CCCAAATACTAGGCGTCAGGAA	Complementary to 205 to 227 of <i>fatC</i>
Spr1793F1	gcgcg ctag ACAGTGTTTTGAACCACCAGC	-79 to -58 of <i>spr1793</i>
Spr1793R1	GGGAGTCGGGAACTCGGCAAC	Complementary to 936 to 957 of <i>spr1793</i>
SPR1793R2	GTCGCACCCAATTCACGTGCA	Complementary to 1214 to 1235 of <i>spr1793</i>
Spr1793R3	GTCTGCTAAATCATCCATCTC	Complementary to 101 to 122 of <i>spr1793</i>
Spr1794F1	CAGCTGACCTGAGGCAAATC	121 to 142 of <i>spr1794</i>
Spr1794R1	gcgcg catg CAATAGAAGTACAAAACCCTGT	Complementary to 1160 to 1181 of <i>spr1794</i>
SpxBDOWNF1	gcgcg tcta GAAGAAGAAGGATTGCAATCACG	1741 to 1763 of <i>spxB</i>
SpxBDOWNR1	GGCTACAGAGGCAGGAGAATTTG	Complementary to 126 to 148 of <i>spr0645</i>
SpxBDOWNR2	GTGTATCCATAGCACCGAGTCC	Complementary to -12 to 10 of <i>spr0646</i>
SpxBUPF1	GCTCAGACAAGTCGTGCGCCGAT	1012 to 1034 of <i>spr0641</i>
SpxBUPF2	CGAGTGCGTCCCGGTGAAAAG	790 to 810 of <i>spr0641</i>
SpxBUPR1	cgcg catgc TGCTGCAGATGCAGTAATTTTCC	Complementary to 11 to 33 of <i>spxB</i>
UtrcatXba	gcgcg tcta GACGGAGCTTATCAACGTAGT	-449 to -429 of <i>cat</i>
UptrcaEco	cgcg gaatt CTTTTCTTCATCATCGGTCATA	Complementary to -326 to -305 of <i>cat</i>
UpfatDF1	cgcg gaattc GCTCATGTAAAGGAATGAA	-422 to -402 of <i>fatD</i>
UpfatDR1	TCTACATGAAAGGACGGGGT	Complementary to -20 to -1 of <i>fatD</i>
16SDNAF3	GGTGAGTAACGCGTAGGTAA	101 to 120 of 16SrDNA
16SDNAR3	ACGATCCGAAAACCTTCTTC	Complementary to 407 to 426 of 16SrDNA

^a The 5' ends of some of the primers contained a restriction site, which is in boldface. Bases not present in *S. pneumoniae* R6 are lowercased.

^b Nucleotide numbering refers to the genes of the *S. pneumoniae* R6 sequence, except for CATMED coming from the pJS3 plasmid, with the first nucleotide being at position 1.