Oligonucleotide primers used for *H. suis* MLST

Primer	Sequence (5'to 3')	Polarity	Amplicon size (bp)	Position in gene	Suggested Annealing Temp (°C)	Use of Primer[a]
atpA-MLST-A	TTATGAGGTGGTTGAATTTGATACCGGC	forward	790 (732)[b]	150 - 177	63°C	A,S
atpA-MLST-B	AGAGCCTGCCCCTTTCTTATCACTCATTT	reverse		911 - 939		A,S
atpA-MLST-C	ATGATTGCATCAATGGCAACAGTGG	reverse		530 - 554		S
efp-MLST-A	TACAAGGCGTTCCTTATCGCATTGT	forward	470 (379)[b]	47 - 71	61°C	A,S
efp-MLST-B	CACCTCCCCCTCTAGCACATGG	reverse		495 - 516		A,S
efp_mlstAquinto[c]	GGCCTTTGTACGGGCTAAA	forward	379	105-123	58°C	A,S
efp_mlstBbis[c]	CACCACTGCCCCGGT	reverse		469-483		A,S
mutY-MLST-A	CGCCCCTTTAGACCGGGTTTTACTT	forward	650	90 - 114	61°C	A,S
mutY-MLST-B	GCCAAACTTGCACGCGGTACTTG	reverse		717 - 739		A,S
mutY-MLST-C	TTAGGCAAAATGTGGGCGTGCTAGA	forward		278 - 302		S
ppa-MLST-A	TGCCGTTATTGAAATCCCGTATGGA	forward	480	45 - 69	60°C	A,S
ppa-MLST-B	CCTTGGGCTTGTTGGTAATTTGCAA	reverse		500 - 524		A,S
trpC-MLST-A	TGTGGCCTTAAGCGGGTTAAAGATG	forward	450	769 -793	60°C	A,S
trpC-MLST-B	TCCAGCTAGCATAAAGCGATGGGAT	reverse		1194-1218		A,S
ureAB_mlstA	GTGCGCTTTGAACCTGGCG	forward	688 (676)[b]	523 - 541	69 °C	A
ureB_mlstB	CCTGTTCCGCCTCCAAGCAT	reverse		1191-1210		A,S
ureB_mlstA	ATGTATGGCCCCACTACAGGCG	forward		759 - 780		S
yphC-MLST-A	GGATACAGGCGGGTTTGATGCAG	forward	850 (717)[b]	162 - 184	59°C	A,S
yphC-MLST-B	TTTGATTTGGAGGATATGGCGCTTAGA	reverse		985 - 1011		A,S
yphc-MLST-C	AAATGCCCTGATAGAGCAAGAACGC	forward		579 - 603		S
yphC_mlstAtris[c]	AAAATCCCCCCACAAGATGAGGATAA	forward	717	268-293	62°C	A,S
yphC_mlstBtris[c]	GATAGCACTTGTTGTAAGAAGCG	reverse		962-984		A,S

[a] A: primer used for amplification; S: primer used for sequencing

[b] The number between brackets represents the actual length, after trimming, of nucleotide fragments used for multiple alignment, determination of ST and generation of concatenated sequences.

[c] Primer pairs used for amplification and sequencing of internal *efp* and *yphC* gene fragments from human *H. suis* strains with low colonization densities