

Supplementary Table. List of primers

Primer name	Sequence (5'-3')	Function (restriction site)
630 CD0241CT screen F	CAAGAAATACTTCCTGAGATTTCTAAGTG	PCR screen CD0241 mutant
630 CD0241CT screen R	CCAATTCCAATATCAGCATTCTCTATCAT	PCR screen CD0241 mutant
630 CD0242CT screen F	CAATTGTTGTAAACTGTGCAGGTAGAGGA	PCR screen CD0242 mutants
630 CD0242CT screen R	ATCACCATCTAGTGATATAACAGTGTCTC	PCR screen CD0242 mutants
630 CD0243CT screen F	ATATTCCAGAGAATCCCTATATTTTCAGT	PCR screen CD0243 mutants
630 CD0243CT screen R	TTTCTTCATATTCTTCTATAGTTCTATATAACA	PCR screen CD0243 mutants
630 CD0244CT screen F	GATGAGCAGTGCGACTGTTATGTAGTT	PCR screen CD0244 mutant
630 CD0244CT screen R	TCAATTTTCATCAATGACACCATCTTTG	PCR screen CD0244 mutant
630 Δ <i>fliC</i> screen F	AGTAGTCAATGTAGTCGAAGAT	PCR screen Δ <i>fliC</i> mutants
630 Δ <i>fliC</i> screen R	GAATTTGGAATCTCTCTATAATAG	PCR screen Δ <i>fliC</i> mutants
M13F	ACTGGCCGTCGTTTTACA	PCR screen
M13R	CAGGAAACAGCTATGACC	PCR screen
630 <i>fliC</i> comp F	ACTTAGCCTGAATTCAGTTATAGATTAAGTTGTCCG	Amplify 630 <i>fliC</i> plus promoter (EcoRI)
630 <i>fliC</i> comp R	AGTACGGATGGATCCCTAAGTTCACTCTCTATTGA	Amplify 630 <i>fliC</i> plus promoter (BamHI)
630 CD0241 comp F	TGTGTAATTTTTAAGGAGGTGTGTTACATATGGAAAATTATAA ATTTGTTTTTGA	Amplify CD0241 (NdeI)
630 CD0241 comp R	TAGAGGATCCCCGGGTACCGAGCTCGAATTCCTTACAACAATTG TTTTAGTAGTTGGCA	Amplify CD0241 (EcoRI)
630 CD0242 comp F	TGTGTAATTTTTAAGGAGGTGTGTTACATATGCCAACTACTAAA ACAATT	Amplify CD0242 (NdeI)
630 CD0242 comp R	GAGGATCCCCGGGTACCGAGCTCGAATTCCTTATTTTTTGTTCCT ATACCATT	Amplify CD0242 (EcoRI)
630 CD0244 comp F1	GTGTGTTACATATGAATCTGATGAACTATAATAA	Amplify CD0244 (NdeI)

630 CD0244 comp R1	GAAAATCATTACCTTCATAAGTATATATCTGAGT	Amplify CD0244 (SOE primer to remove NdeI)
630 CD0244 comp F2	ACTCAGATATATACTTATGAAGGTAATGATTTTC	Amplify CD0244 (SOE primer to remove NdeI)
630 CD0244 comp R2	ATAATATAAGA <u>AATTC</u> CCTAAATATGGTTATTTAAAAC	Amplify CD0244 (EcoRI)
MLVA primer set	(Marsh <i>et al.</i> , 2006)	Screening for 630 Δ <i>erm</i> in mice
GRD/P/103F	GTACCTGAAACATTAGTTCCATAACTTGCTCC	630 Δ <i>erm</i> - <i>fliC</i> screening in mice
GRD/P/104F	GTATATTTATACTTAGGAAAGGCTAAGAAGTGTG	630 Δ <i>erm</i> -0240screening in mice
GRD/P/105F	CAAGAAATACTTCCTGAGATTTCTAAGTG	630 Δ <i>erm</i> -0241::CT screening in mice
GRD/P/107F	ATATTCCAGAGAATCCCTATATTTTCAGT	630 Δ <i>erm</i> -0243::CT screening in mice
EBS	CGAAATTAGAACTTGCGTTCAGTAAAC	Screening in mice

CT = clostron; bp = base pairs; F = Forward; R = Reverse. Underlined sequences correspond to recognition sequences for restriction endonucleases