

Supplementary Table S1. Primers used for site-directed mutagenesis

Primer name	Primer sequence (5'–3')
P43-F	GCTTGCAAAAACGTGGGCCGGTGAAACAGACCCTG
P43-R	CCCACGTTTTTGGCAAGCCAACCATTAGG
E122G-F	TGTCAAGGCGGCTTGTGGGGCAAAAAG
E122G-R	CACAAGCCGCCTTGAACACAGGCCAC
PQ-F	GCTTGCAAAAACGTGGGCAGGTGAAACAGACC
PQ-R	GCCCACGTTTTTGGCAAGCCAACCATTAGGG
AvrII-F	CCTGGCCCTGTCTTCTTGACGAGC
IRES-3C-R	CACTCTCCATATTATCATCGTGTTT
IRES-3C-F	CACGATGATAATATGGAG-AGTGGTGCTCC
3C-AgeI-R	GACCGGTAGCCGGATCCTACTCGTGGTGT
AgeI-R	GTGCTGCCGTAATGCACTCTGGGG
C163A-F	GCCACCAAGGCGGGTTACGCTGGAGGAGCC
C163A-R	GTAACCCGCCTTGGTGGCAGCTTTGTAGG
XbaI-F	GACCATTGGGCCTCTAGAGAGTCC
CprME-F	AGTCTAGAGCTTGCCGCCACCATGGTCAAGAAGGCCATCCT
CprME-R	GCTCTAGACTTGGCGGACTAGCATATGTCGTAGTCCATTCAGGTTC CGCCCCACTCCAAGGGTCA
MluI-mut-F	GACCGCAACGAAGACACGTCAACCCAGAGTC
MluI-mut-R	TCTTCGTTGCGGTCTCTTTCGACACTCGTC