

Table S2. List of primers used in this study for mutants construction. The restriction sites are indicated in bold.

Name	Sequence
RP1215 (Fw)	GGATCC GTTCGACCTTCGTGATGACTG
RP1216 (Rv)	ATCGATGC ATAGGCAAGTTGGAAGTC
RP1217 (Fw)	ATCGATGC GCATCAACATCTCACTG
RP1218 (Rv)	AGTACTGT GGTCAGGAACATGCCTTT
RP1258 (Fw)	GAACTGGGCTTCACCTAC
RP1279 (Rv)	CCTGTCCAGATAACCGACCA
RP1277 (Fw)	GAGTTCGGTGTGGACTTCGT
RP1278 (Rv)	GACCTGCCATCGTGAAACTC
RP1261 (Fw)	GCTATGCATCA AAGCTT ACTTGAGATTTTCGGCTCACG
RP1262 (Rv)	GGTAGCGAATAG ATCT CACAGGAAACACCCAGCTTT
RP1263 (Fw)	ATTCGCCCTTAG ATCT ATTCGCTACCGTTTGACCAC
RP1264 (Rv)	AATTGGGCCCT CTAG ATTTTCCGCATCAGAAGGTGT
RP472 (Rv)	GGCTTGGTGGACCTCGAC
RP747 (Fw)	CGCCTTCACCTTCCTGCACGACTT
RP1308 (Fw)	TAGACCACGGTCAACACCAC
RP1309 (Rv)	TGACTCACACGCCAGAGAAC