

**S2 Table. Oligonucleotides used in this study**

<b>Oligonucleotide</b>	<b>Sequence (5' to 3')</b>
crcYBamHI	TTTGGATCCTTGTGTACCAGAGATA
crcYSmaI	AAACCCGGGCCTGCTGATAGCCGCCG
crcZ49-1Q	AACGGCTCACGCACAATAAAA
crcZ99-2Q	AATCAGTTAGCTGCGCCTCC
crcY72fwd	TTGTGTGGGTGAAGTGTACCTCCCGCACATTTACAGCAAA AAATCGGGTAACAGGGAAACAAATCGGCAGAA
crcY72rev	TTTTCTGCCGATTTGTTTCCCTGTTACCCGATTTTTTGCTGTGA AATGTGCGGGAGGTAACACTTCACCCACAC
crcY72mut1fwd	TTGTGTGGGTGAAGGACTCTCTCCCGCACATTTACAGCAAA AAATCGGGTAACAGGGAAACAAATCGGCAGAA
crcY72mut1rev	TTTTCTGCCGATTTGTTTCCCTGTTACCCGATTTTTTGCTGTGA AATGTGCGGGAGAGAGTCCCTTCACCCACAC
crcY72mut2fwd	TTGTGTGGGTGAAGTGTACCTCCCGCACATTTCTGCGACAA AAATCGGGTAACAGGGAAACAAATCGGCAGAA
crcY72mut2rev	TTTTCTGCCGATTTGTTTCCCTGTTACCCGATTTTTGTGCGCAG AAATGTGCGGGAGGTAACACTTCACCCACAC
crcY72mut3fwd	TTGTGTGGGTGAAGTGTACCTCCCGCACATTTACAGCAAA AAATCGGTACCGTGGGAAACAAATCGGCAGAA
crcY72mut3rev	TTTTCTGCCGATTTGTTTCCACGGTACCGATTTTTTGCTGTG AAATGTGCGGGAGGTAACACTTCACCCACAC
crcY72mut4fwd	TTGTGTGGGTGAAGTGTACCTCCCGCACATTTACAGCAAA AAATCGGGTAACAGGTCTCATAATCGGCAGAA
crcY72mut4rev	TTTTCTGCCGATTATGAGACCTGTTACCCGATTTTTTGCTGTG AAATGTGCGGGAGGTAACACTTCACCCACAC
crcZ72fwd	TTCCCGTAAAAATCTGTTACCCAAGCTTTCCGCCGTAACAGT CCCCGAGGCGTACGGTAACGAAATTGCGACAT
crcZ72rev	TTATGTCGCAATTTTCGTTACCGTACGCCTCGGGGACTGTTAC GGCGGAAAGCTTGGGTAACAGATTTTTACGGG
crcZ72mut1fwd	TTCCCGTAAAAATCTGTTACCCAAGCTTTCCGCCGTAACAGT CCCCGAGGCGTACGGTAACGAAATTGCGACAT
crcZ72mut1rev	TTATGTCGCAATTTTCGTTACCGTACGCCTCGGGGACTGTTACG GCGGAAAGCTTGGAGAGTCGATTTTTACGGG
crcZ72mut2fwd	TTCCCGTAAAAATCTGTTACCCAAGCTTTCCGCCTGCTACGT CCCCGAGGCGTACGGTAACGAAATTGCGACAT
crcZ72mut2rev	TTATGTCGCAATTTTCGTTACCGTACGCCTCGGGGACGTAGCA GGCGGAAAGCTTGGGTAACAGATTTTTACGG
crcZ72mut3fwd	TTCCCGTAAAAATCTGTTACCCAAGCTTTCCGCCGTAACAG TCCCCGAGGCGTACGTACCGTAAATTGCGACAT
crcZ72mut3rev	TTATGTCGCAATTTACGGTACGTACGCCTCGGGGACTGTTA CGGCGGAAAGCTTGGGTAACAGATTTTTACGGG
EMSA3420HKF	aaatctagaCATCATGGAACGTTTCGGCG
EMSA3420HKR	gggcccgggGAATTCACGCAAGGGTACGG
EMSAoprDF	aaatctagaCGCTTCAGGCGGAAAACAG
EMSAoprDR	tttcccgggTTCCATGTCGCAAATCACGC
foot2810smaF+	TTTcccgggAAAGCCTGCTTTTTTACCGC
foot2810smaR-	TTTcccgggTGATCAACTGACCATGTTCAT
foot2810XbaF-	AAAtctagaGTCATGGGCCTGGATAAGC
foot2810XbaR+	TTTtctagaTAGGCGGATTACGCTAGAG
FusercZFEco	CCCGAATTCTACCAGCGAATAACCCA
FusioncrcYF	CCGAATTCCAGCGCACAATAGG
FusioncrcYRbisBam	CACGGATCCAGAGATATAGCAGGGT

PP2810EMSAXbaIF	CGGtctagaATGGGTGAATCATTCGCGTC
PP2810EMSASmaR	ACAaccgggAGCGACATGATCAACTGACC
PP2810F	GTTGAATTCGTTGCGGGTTGGTTAACG
PP2810fwmut	TGCGAATTCTCCATGGCGGGCGAAA
PP2810mutIF	GGTGGCGCACGCGGCGAAGGCATCTT
PP2810mutIR	AAGATGCCTTCGCCGCGTGCGCCACC
PP2810mutIIF	GCATCTTTTGAGCCTCCATGTTTCCT
PP2810mutIIIF	CTTACTTCCCGGCGGCGTGCAGGCGC
PP2810mutIIIR	GCGCCTGCACGCCCGCGGAAGTAAG
PP2810mutIIR	AGGAAACATGGAGGCTCAAAAGATGC
PP2810R	GGAGGATCCGACACTTCCGACCGT
QflgbF	GGCGCTTGGTATTCACGAAA
QflgBR	ATGTCACGGGCCTTGTAGTT
QPP0952F	TGAAACCATCGCTCGTCCTAA
QPP0952R	TGAGGTGTCATCGTCAGTTGCT
QPP1206F	TCAAGACCCGCATGCTGTATTT
QPP1206R	CGCCTTCGTTGTTACGGAAGT
QPP3009F	TTGCTGTGCTGGTACTCGATCT
QPP3009R	GGATGGCGTTGAGAAACACATA
QPP3074F	ACCCACAGATCCAGAACATCA
QPP3074R	GGTGGTGTGAAGAAGGTGCTG
QPP3420F	CCCGTACCCTTGCGTGAAT
QPP3420R	GGCTGATCACCGAAAACCA
QPP3656F	ACACTGCTAGTCGCGCCTTATG
QPP3656R	CTTTGAAGTCTTCCACGAACG
QPP4050F	CGAACAAGCGCAAGATTCTGT
QPP4050R	TTCACCAGGTCGGCGATTT
QPP4486F	TGTTTTCCCTGGTGTGCGA
QPP4486R	GCTTCGATGCCGATTTTCAG
QPP4643F	CGCTGATCGGCTTTCTGAT
QPP4643R	AACTTGGTGATGCGCGAGA
sec2810cad+	CTAGAGTCATGGGCCTGGATAAGC
sec2810cad-	CTAGATAGGCGGATTACGCTAGAG
Ymut1F	GTGGGTGAAGGACTCTCTCCCGCACA
Ymut1R	TGTGCGGGAGAGAGTCCTTACCCAC
Ymut2F	CGCACATTTCTGCGACAAAAATCGGG
Ymut2R	CCCGATTTTTGTGCGAGAAATGTGCG
Ymut3F	AAAAAATCGGTACCGTGGGAAACAAA
Ymut3R	TTTGTTTCCACGGTACCGATTTTTT
Ymut4F	GGGTAACAGGtctcatAATCGGCAGA
Ymut4R	TCTGCCGATTatgagaCCTGTTACCC
ZbisBam	CACGGATCCAAACATATAGCAGGTG
Zmut1F	CGTAAAAATCGACTCTCCAAGCTTTC
Zmut1R	GAAAGCTTGGAGAGTCGATTTTTACG
Zmut2F	GCTTCCCGCCTGCTACGTCCCCGAGG
Zmut2R	CCTCGGGGACGTAGCAGGCGGAAAGC
Zmut3F	GAGGCGTACGTACCGTAAATTGCGAC
Zmut3R	GTCGCAATTTACGGTACGTACGCCTC