

S3 Table. Oligonucleotide primers used in this study

Primers	Sequence*
oDR078	gccGGATCCtattgtatagttcatccatgcc
oDR079	gcgCTCGAGgggtccggaatgag
oDR106	ggcAAGCTTAcataaggaggaaactactatgaataaatggctcgacctatc
oDR481	gcgGCAATTGcgctgctctgcttctgcctgc
oDR482	cggCTCGAGgtagggcagaagcagttcctc
oDR594	gccGAATTCgggaaatgaaataagcctgattgacg
oDR595	cggCTCGAGttcccccttcgcttctccg
oCR599	gcgAAGCTTAcataaggaggaaactactatggtagacaggtgttttcgcagc
oCR600	cgcGCTAGCttcccccttcgcttctccgct
oCR601	cgcGCTAGCAtggtttcaaaaggcgaagaactgt
oCR603	gcgAAGCTTAcataaggaggaaactactatgaataaatggctcgacctat
oCR604	cgcGCTAGCtattgtatagttcatccatgccatg
oCR605	cgcGCATGCTtattcccccttcgcttctccgct
oCR606	cgcGCATGCTtactataaagtctgcatgccaag
oCR619	cggCTCGAGattcgtccgcttatcgcaag
oCR620	cggCTCGAGctccctgttttccgtaatacc
oCR621	cggCTCGAGgtgccttgcgatattcctc
oFR48	gaagggtaccagcggatgt
oFR49	ctgagcgaggagcagaaatcgggcattcactact
oFR50	gttgaccagtgctccctggcaagctgactgccgga
oFR51	gaatggaccaagagtgacgg
oFR58	gagcggataacaattaagcttacataaggaggaaactactatgagtcacagagcagatga
oFR59	ttagctgcatcgagctagcttattcaaatgaaatcacc
oFR62	cggACTAGTAcataaggaggaaactactatggagcctattttattattggg
oFR66	gccGCATGCTaaatgataaattgctaatgacgactaa
oFR72	gccCTCGAGttgccgatgataagctgc
oFR73	gccGCTAGCActgtaatgtagcgaccg
oFR77	gccCTCGAGgggtccggagttcaaaaggcgaagaactg
oFR78	gccGGATCCtactataaagtctgcatgcc
oFR83	ggcGGATCCTTActcaagctccctgttttccgta
oFR84	ggcAAGCTTAcataaggaggaaactactatgaataaatggctcgacctatc
oCB038	gaatcaagcgttttttgcgcccggctggcggaacggctgaagtgggaag
oCB039	cttccactcgaccgttccgccagccggcagcaaaaaaacgccttgattc

* Capital letters indicate restriction endonuclease sites and underlined letters indicate mutated bases