

TABLE S1. Primers used for sequence manipulations using the PCR.

Primer <sup>a</sup>	Sequence
DDR162	5'-CCACGGTCAC <b>GCC</b> ATGTCTGATCC-3'
DDR163	5'-GGATCAGACATGG <b>CGT</b> GACCGTGG-3'
DDR321	5'-GGAATTCCATATGCATCATCATCATCATCATTCCGCCGCCTTCAGCCGATTA-3'
DDR322	5'-CCGGTTCTCGAGTCATGGAAGGGAAGCTTTGACTTC-3'
DDR323	5'-CCTTTTCCATGGACTACAAAGACGATGACGATAAAGCAGCTGGTGCAAAA GAGATG-3'
DDR324	5'-CCGCCC <b>AAGCTT</b> ATTTTCGATCTGTAACAAGCTCTCT-3'
DDR425	5'-CCACGGTCAC <b>GAC</b> ATGTCTGATCCTGGG-3'
DDR426	5'-CCCAGGATCAGACATG <b>TCG</b> TGACCGTGG- 3'
DDR431	5'-CTGATCCTGGGG <b>CC</b> CACATACCGTACC-3'
DDR432	5'-GGTACGGTATGTG <b>GCCCC</b> AGGATCAG-3'
DDR444	5'-GTCACTCCATGTCTGATCCT <b>TCG</b> AGCACATAC-3'
DDR445	5'-GTATGTGCTC <b>GA</b> AGGATCAGACATGGAGTGAC-3'
DDR446	5'-GTCACTCCATGTCTGATCCTG <b>AC</b> AGCACATAC-3'
DDR447	5'-GTATGTGCT <b>GTC</b> AGGATCAGACATGGAGTGAC-3'
DDR448	5'-GTCACTCCATGTCT <b>AAT</b> CCTGGGAGCACAAAC-3'
DDR449	5'-GTATGTGCTCCAGGAT <b>TAG</b> ACATGGAGTGAC-3'
DDR450	5'-GTCACTCCATGTCTG <b>CAC</b> CCTGGGAGCACATAC-3'
DDR451	5'-GTATGTGCTCCAGG <b>TGC</b> AGACATGGAGTGAC-3'
DDR452	5'-GTCACTCCATGTCT <b>CTT</b> CCTGGGAGCACATAC-3'
DDR453	5'-GTATGTGCTCCAGGA <b>AG</b> AGACATGGAGTGAC-3'
DDR471	5'-AAGAGTTTGATC <b>GCGGCCGC</b> TCACAAATGG-3'
DDR472	5' -GCAAGTATGCATCACTCGAGTATCCTTCC-3'
DDR473	5' -CGATTAATCTCAGCGGCCGCAACTCCGATCAC-3'
DDR474	5' -GGGAAGCTCTCGAGTCTTTTCTGTCAGGTC- 3'

<sup>a</sup> Restriction enzyme sites are underlined. Where present, mutagenic bases are indicated in bold italic typeface.