Table 1. Oligonucleotide primers used in this study.

Number/name		Sequence (5'-3')[a,b]
1	1085 (+)	GTAAGCTTTTTGCACCTGGAGGGCGACTG
2	1120 (+)	GTAAGCTTTTGAATCGCTTCTCAGCCC
3	1146 (+)	GTAAGCTTAGCTTGAGCCGAGAACGAGGC
4	1162 (+)	GTAAGCTTGAGCGGAGTGACCGGG
5	1177 (+)	GTAAGCTTCGTGCGCGGACACCTGCTAC
6	1192 (+)	GTAAGCTTGAGGAGCGGAGTAGAGAACGGC
7	1200 (+)	GTAAGCTTTCCCAGCCTGAGGGGCTGC
8	1222 (+)	GTAAGCTTGTGAAGCGAGAAGCTGCCC
9	1235 (+)	GTAAGCTTGCGGCTCTCTCTGAGGAGG
10	1245 (+)	GTAAGCTTAAATCCAAGGCTATCATTGAGG
11	1412 (-)	TTCTCGAGCTGGCCTTCAGGTAGAAATTCC
12	1600 (-)	TTCTCGAGGTTGTGGTCAGACTCCTCCTC
13	S1232A (+)	CCTACCCCCAGTG***GCC***CCCCTGAAGGCG
14	S1232A (-)	CGCCTTCAGGGG***GGC***CACTGGGGGTAGG
15	S1239A (+)	GCTCTC***GCT***GAGGAGGAGTTAGAG
16	S1239A (-)	CCTCCTC***AGC***GAGAGCCGCC
17	KK1245/6EE (+)	AG***GAGGAA***TCCAAGGCTATCATTGAGG
18	KK1245/6EE (-)	CCTTGGA***TTCCTC***CTCTAACTCCTCCTC
19	LL1255/7AA (+)	T***GCC***CATGCCAATGACATGAAAGAGGCAG
20	LL1255/7AA (-)	GTCATT***GGC***ATG***GGC***ATATTCCTCAATGATAGCC
21	L1243G (+)	GGAGGAG***GG***AGAGAAGAAATCCAAGG
22	L1243G (-)	CTTCTCT***CC***CTCCTCCTCAGAGAGAGC

[a] restriction sites used for cloning are underlined
[b] mutated nucleotides are in bold Italic