

Supplementary Table S2. Oligonucleotides used in this study

Primer	Sequence ^a	Restriction site ^b
<i>pqsRC94F</i>	5'- <u>TGCTAGCAAT</u> CTCCGGGTGCTGCT-3'	NheI
<i>pqsRC332R</i>	5'-GATA <u>AAGCTT</u> TTCACTCTGGTGC GGCGC-3'	HindIII
<i>pqsRC309R</i>	5'-CGATA <u>AAGCTT</u> TCAGCTCGGTTGCCAGGC-3'	HindIII
<i>pqsRC296R</i>	5'-CGATA <u>AAGCTT</u> TCAGCCGAGTTCGCGCAG-3'	HindIII
FW <i>pqsRU</i> p	5'-ATA <u>AAGCTT</u> TCTTAGAACCGTTCCTGG-3'	HindIII
RV <i>pqsRU</i> p	5'-ATAGGATCCAGGTTATGAATAGGCATC-3'	BamHI
FW <i>pqsR</i> Down	5'-ATAGGATCCAGAGTAGAGCGTTCTCCA-3'	BamHI
RV <i>pqsR</i> Down	5'-ATATCTAGAAGTTCTGCCTGCTCGGCG-3'	XbaI
FW <i>pqsR</i>	5'-TATGAATTCATGCCTATTCATAACCTGAATCA-3'	EcoRI
RV <i>pqsR</i>	5'-TATGAGCTCCTACTCTGGTGC GGCGCG-3'	SacI
RV <i>pqsR-6H</i>	5'-TATGAGCTCCTAGTGATGGTGTGGTGTGCTCTGGTGC GGCGCGCTG-3'	SacI
FW <i>pqsR-6H</i> I149A	5'-ATCGCCATCACC GCC GACGAGGAACTG-3'	-
RV <i>pqsR-6H</i> I149A	5'-CAGTTCCTCGTC GCC GGTGATGGCGAT-3'	-
FW <i>pqsR-6H</i> I149E	5'-ATCGCCATCACC GAG GACGAGGAACTG-3'	-
RV <i>pqsR-6H</i> I149E	5'-CAGTTCCTCGTC CTC GGTGATGGCGAT-3'	-
FW <i>pqsR-6H</i> A168F	5'-GGCTACACCAAG TT CTTCGTCGTCGCC-3'	-
RV <i>pqsR-6H</i> A168F	5'-GGCGACGACGA AA ACTTGGTGTAGCC-3'	-
FW <i>pqsR-6H</i> I186A	5'-CCCTGCACAG CGCC GCGAGCCTGGC-3'	-
RV <i>pqsR-6H</i> I186A	5'-GCCAGGCTCG GGC CTGTGCAGGG-3'	-
FW <i>pqsR-6H</i> Q194E	5'-GCCAATTACCG GAG ATCAGCCTCGG-3'	-
RV <i>pqsR-6H</i> Q194E	5'-CCGAGGCTGAT CTC CCGGTAATTGGC-3'	-
FW <i>pqsR-6H</i> L207A	5'-CAGCATTGAA CGCC CTGCGGCCGGTC-3'	-
RV <i>pqsR-6H</i> L207A	5'-GACCGGCCCGAG GGC GTTTCAATGCTG-3'	-
FW <i>pqsR-6H</i> L207E	5'-CAGCATTGAA CGAG CTGCGGCCGGTC-3'	-
RV <i>pqsR-6H</i> L207E	5'-ACCGGCCCGAG CTC GTTTCAATGCTG-3'	-
FW <i>pqsR-6H</i> F221A	5'-TTCGTGGAAAAC GCC GACGACATGCTG-3'	-
RV <i>pqsR-6H</i> F221A	5'-CAGCATGTCGTC GGC GTTTTCCACGAA-3'	-
FW <i>pqsR-6H</i> F221E	5'-TTCGTGGAAAAC GAG GACGACATGCTG-3'	-
RV <i>pqsR-6H</i> F221E	5'-CAGCATGTCGTC CTC GTTTTCCACGAA-3'	-
FW <i>pqsR-6H</i> F221Y	5'-TTCGTGGAAAAC TAC GACGACATGCTG-3'	-
RV <i>pqsR-6H</i> F221Y	5'-CAGCATGTCGTC GTAG TTTTTCCACGAA-3'	-
FW <i>pqsR-6H</i> I236F	5'-TCGGATGGGG CTC GCGCCGATTAT-3'	-
RV <i>pqsR-6H</i> I236F	5'-ATAATGCGGCG GAAG CCCCATCCGA-3'	-
FW <i>pqsR-6H</i> Y258A	5'-CTCAGCGAACT CGCC GAACCGGGCGG-3'	-
RV <i>pqsR-6H</i> Y258A	5'-CCGCCCGGTT CGGC GAGTTCGCTGAG-3'	-
FW <i>pqsR-6H</i> I263W	5'-GAACCGGGCGGCT TGG GACACCAAGGTG-3'	-
RV <i>pqsR-6H</i> I263W	5'-CACCTTGGTGT CCAG CCCGCCGGTTC-3'	-

^a added restriction sites are underlined; substituted codons are in bold

^b -, no restriction site added