

Table S2. Oligonucleotides used in this study.

Primer	Sequence 5'-3'	Used in the construction of
RHJ035	AGGTATGCTTTCGGC <u>G</u> ATGGGCGTTAGCAAG	pRHJ113, mutation site is underlined
RHJ036	CTTGCTAACGCCCAT <u>C</u> GCCGAAAGCATACCT	pRHJ113, mutation site is underlined
RHJ037	GCATTCAGACTCTCCAT <u>G</u> TGCTTGCAGCAAGAGT	pRHJ113, mutation site is underlined
RHJ038	ACTCTTGCTGCAAAGCA <u>C</u> ATGGAGAGTCTGAATGC	pRHJ113, mutation site is underlined
RHJ039	ATTGTTTATCAATGAAGGATC <u>A</u> AGAGGTTGGCCATTGATGTAG	pRHJ113, mutation site is underlined
RHJ040	CTACATCAATGGCCAACCTCT <u>T</u> GATCCTTCATTGATAAACAAT	pRHJ113, mutation site is underlined
RHJ162	GAAAACCTGTACTTCCAGG	Used to linearise pT12
RHJ163	GGTGAATTCCTCCTGAATTC	Used to linearise pT12
RHJ168	AAATTCAGGAGGAATTCACCATGGGTCATTATAGAAGATACAAGAAC	pRHJ118
RHJ177	AAATTCAGGAGGAATTCACCATGCCACTTATTGATGTAAACG	pRHJ117
RHJ178	TTATATGTTTACTTGCTAACGCCCAT	pRHJ117
RHJ179	GCGTTAGCAAGTAAACATATAAACATTAAATCAGAATAATTTAAAATGGCT	pRHJ117
RHJ202	CCTGGAAGTACAGGTTTTCACTGTTACACGATAATCCC	pRHJ118
RHJ203	CCTGGAAGTACAGGTTTTCATCGGTAACTTTAAATCGGTTTT	pRHJ117
RHJ341	CGGCCGCTCTAGAACTAGTGGATCCGCTGAGCCTGTATTTGAG	pRHJ240 and pRHJ241
RHJ342	TACCGGGCCCCCCTCGAGGTCGACCAGTACTTCACG	pRHJ240 and pRHJ241
RHJ452	AAATTCAGGAGGAATTCACCATGGCACAATCAAACAAAAC	pRHJ174
RHJ471	AAATTCAGGAGGAATTCACCATGGCAAAGAAAACAAAATTCAA	pRHJ170
RHJ473	CCCTGGAAGTACAGGTTTTCTGGTCTAAGTTAACTACTGCC	pRHJ170
RHJ481	CCCTGGAAGTACAGGTTTTCAGGTTTAGGAATTGTTGAAAATACTTG	pRHJ174
RHJ617	<u>TCTGGGTCTTCAAGTGGCTCATCAGGAGCTAACGGACAAGCTAG</u>	pRHJ237, mutation site is underlined

RHJ618	<u>GAGCCACTTGAAGACCCAGATGATCCATCCTCAACTGGTTCAAAAG</u>	pRHJ237, mutation site is underlined
RHJ621	AGTTGAGGATGCTAACGGACAAGCTAG	pRHJ238
RHJ622	GTCCGTTAGCATCCTCAACTGGTTCAAAAG	pRHJ238