

Table S2. Oligonucleotide primers used in the study.

Oligoname (target gene)	Sequence
Mutant construction	Introduced restriction sites underlined
2123 upx (Xbal)	5'-TCCTT <u>CTAGAC</u> AAAAGTAGC-3'
2123deE1 (EcoRI)	5'-CCCAG <u>AATTC</u> TTAACGATTGC-3'
2123dwxo (XhoI)	5'-CAATG <u>CTCGAG</u> AAACTGCTC-3'
2123 Up	5'-CGATTAATTCACAAGTTATCC-3'
2123upE (EcoRI)	5'-CTGATCTTTCAT <u>GAATTC</u> -3'
Amy B2-2126(BamHI)	5'-AAAGCAG <u>GGATCC</u> ACCATCAA-3'
Amy x3-2126 (XhoI)	5'-GAATA <u>CTCGAG</u> TCTGTTGTAT -3'
Amy up (2126)	5'-AAGCTTGCCAGAATTTCCAG-3'
2128UP	5'-TCGGACTTTTAGAGAGAATGC-3'
2128XA (Xbal)	5'-GGCGAC <u>CTAGA</u> AAGATGTTG-3'
2128XO (XhoI)	5'-TTGTG <u>CTCGAG</u> TTGCAAAG-3'
0278-I (up)	5'-ATAGAAAGAGGGCGAAGAAAG-3'
0278-EcoRI	5'-TGACAAAG <u>AATTC</u> ATCGTTTTTG-3'
0278-BamHI	5'-TTTAAG <u>GATCC</u> AGTTAAGCC-3'
pG+host4	Flanking multiple cloning site
Blue R	5'-GGAAACAGCTATGACCATC-3'
M13	5'-GTAAAACGCGGCCAGT-3'
Primers for qRT-PCR	
2121R	5'-GATTTCTGCGCGTTAATTTTC-3'
2121FI	5'-ATTGGCCCTAAAGGATTACTG-3'
2122R	5'-TCATCCAAATGAAAAGTGTCGT-3'
2122FI	5'-CTACCTAAGCGAAATAACGTC-3'
2123R	5'-AAGTCCTACCGCAATCGTTAAG-3'
2123FI	5'-ACTTGATGGCGCAGGACATTTC-3'
2124R	5'-TCCAAAAGACGTTCCCTTA-3'

2124FI	5'-TGGGTTGGGTTTAAGAACTTC-3'
2125R	5'-ACATTAAGTTTTCGGCACCTGT-3'
2125FI	5'-ACAAATGAAGTACCGGCTAAC-3'
2126R	5'-CCGTCAATATCAAACCTCACGAA-3'
2126FI	5'-GTTTCCCAGTTCGTCAAATG-3'
2128FI	5'-ATTGCGAAATAGTTCCAGTATC-3'
2128R	5'-TTTTGGCGATGAAATCCTATCT-3'
0278R	5'-GCCAAGGATATTTGCTGCAT-3'
0278F	5'-CTTTGCGTATGATTGCTGGA-3'
plcAR	5'-CCGCGGACATCTTTAATGT-3'
plcAFI	5'-CGAGCAAAACAGCAACGATA-3'
actAR	5'-AAGCATCCGCAACTGACTCT-3'
actAFI	5'-ATAGCGCAGCGGAAATAAA-3'
rpoBqRT-F	5'-CACCCCTGAAGCTCCATTGT-3'
rpoBqRT-R	5'-ACACGACGAACCCAGATTTC-3'