

Table S1

Mut1 forward	CCGTAGAACCCAAAGCATTAGGTATGTGAATATTTTATCACTAAATTTATTGAAATACT AACAGTGTTTCTAG
Mut1 Reverse	GTATGTGAATATTTTATCACTAAATTTATTGAAATACTAACAGTGTTTCTAGAAATGGT ATCGGATTCAACA
Mut2 forward	CACTAAATTTATTcttttttCGTTACTAACAG
Mut2 Reverse	ATCACTAAATTTATTcttttttCGTTACTAACAGTGG
Mut3 forward	ATTGggggGgGggCGTTACTAACAGTGGAAccUcUccccCTAGAAATGGTATCGGATTCA ACActgcag
Mut3 reverse	CACTAAATTTATTGggggGgGggCGTTAC
Extreme forward 5' primer for all constructs	AAAAAAaagcttCAATTCTGGCCTTCACTCCAATGACTATGGATACTGC
Extreme reverse 3' primer for all constructs	AAAAAActgcagTTGTGTATCTACAATCTC
SCR1Forward	AACCGTCTTTCCTCCGTCGTAA
SCR1 reverse	AGAACTACCTTGCCGCACCA