

1066 **Table S1.** Oligonucleotide DNA primers.

#	Name	Sequence (5'-3')
1	Oligo pair 1	Fwd: GCAGA(CTGCAG) ^b AGAGACAGTGG Rev: CAGCATCTCCAGCCTTCTTC
2	Oligo pair 2	Fwd: ATCCACAGAAAGGTGCTCGT Rev: TA(GGATCC) ^c AT(TGTTTCGTCGTCG) ^d CTTTGAGACCATCTCTAAAAG
3	Oligo pair 3	Fwd: AC(TCTAGA) ^e AAGACAGGCAGTCTCTG Rev: TA(GGATCC) ^c AT(TGTTTCGTCGTCG) ^d CTTTGAGACCATCTCTAAAAG
4	Oligo pair 4 ^a	Fwd: CACCCTCGTGACCACCTGCTTCAGCCGCTAC Rev: GTAGCGGCTGAAGCAGGTGGTCACGAGGGTG
5	Oligo pair 5 ^a	Fwd: GGACGGGTGCTATG(TACCCTTACGACGTTCCCTGATTACGCT) ^f TAGCAAGTTGGG Rev: CCCCAACTTGCTA(AGCGTAATCAGGAACGTCGTAAGGGTA) ^f CATAGCACCCGTCC
6	Oligo pair 6 ^a	Fwd: GAGATGACAGTGGCACC(TAA) ^g AATGTAACGGTATACAGCAC Rev: GTGCTGTATACCGTTACATT(TTA) ^g GGTGCCACTGTCATCTC
7	Oligo 7	GCCATCATCCAACAGAGCAG
8	Oligo 8	CGTCGCCGTCCAGCTCGACCAG
9	Oligo 9	TGCCCTTCAGCTCGATGCGG

1067 ^a: complimentary oligonucleotide primers for site-directed mutagenesis, HPLC purified

1068 ^b: *PstI* recognition sequence

1069 ^c: *BamHI* recognition sequence

1070 ^d: ribosome pause sequence (rps)

1071 ^e: *XbaI* recognition sequence

1072 ^f: HA-epitope encoding sequence

1073 ^g: premature termination codon (PTC)

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