

S1 Table. Primers used for SAMHD1 mutant synthesis

Amplicon/Task	Forward primer (5'-3')	Reverse primer (5'-3')
SAMHD1 mutant A	caccATGGAAGTGATCAACGACCC	TCAGTCCTGAGGCTTGGTGAAGTTC
SAMHD1 mutant B	caccATGCAGCGGGCCGAC	TCAGGTGTCCACGTGAATCTGcac
SAMHD1 mutant C	GCCCCGGACCCCTAGCAATACCCCT ACCATGAAAGTGATCAACGACCCC	GGGGTCGTTGATCACTTTCATGGTAGGGGT ATTGCTAGGGGTCCGGGGGC
SAMHD1 mutant D	caccATGCCTGGACTGGAAGTGC	TCAGTCCTGAGGCTTGGTGAAGTTC
SAMHD1 mutant E	GTTTGTACAAAAAGCAGGCTATGAA AGTGATCAAC	GGGTCGTTGATCACTTTCATAGCCTGCTTT TTTG
SAMHD1 mutant F	caccATGCAGCGGGCCGAC	TCAGTCCTGAGGCTTGGTGAAGTTC
SAMHD1 mutant G	GGTGCAGATTCACGTGGACACCGGCG ACGTGATCGCCCCTCTGATCACCC	GGGTGATCAGAGGGGCGATCACGTCGCCGG TGTCCACGTGAATCTGCACC
SAMHD1 mutant H	GCCCCGGACCCCTAGCAATACCCCT ACCATGAAAGTGATCAACGACCCC	GGGGTCGTTGATCACTTTCATGGTAGGGGT ATTGCTAGGGGTCCGGGGGC
SAMHD1 mutant I	caccATGCCTGGACTGGAAGTGC	TCACATAGGGTCGTCCTTGAAC
Sequencing (YFP)	GTCTCTCCCCCTTGAACCTC	AGACGGCAATATGGTGGAAA
SAMHD1 (Puro)	GCTgttaacATGCAGCGGGC	GCTgttaacTCACATAGGGTCGTCCTT
SAMHD1 mutant F (Puro)	GCCTCAGGACTGAgaattccgcccc	ggggcggaattcTCAGTCCTGAGGC
Sequencing (Puro)	gtctctcccccttgaacctc	ccaaaagacggcaatatggt