

Supplemental Table 1: Primers used in the cloning of human *LDLR* promoter and PS2 elements from indicated species.

Element ID	Primers
Human LDLR promoter	F: ATGCGTTTCCAATTTTGAGG R: TCTAGCAGGGGGAGGAGTTT
Human PS1	F: AGCCTCAGTCATGCCACTG R: GGCCTAGGCAACATACCAAG
Human PS2	F: GGAGGCCACTGTGTCACTTT R: ACTCCAGCCTGGGAACTCT
Lemur PS2	F: ATCCCCAGCTGGTATCCTCT R: ACAGCTGGTTTCACAGCATT
Mouse PS2	F: GCAGCAGCTGATTTCTGACA R: AGGCATGCTTGTGAGAGGTA
Dog PS2	F: TTGGTACCCCCAACTCTGTC R: CAGAGCCAGGATTTGACCTG
HumanPS2 21-bp deletion:	CATCCCAGACCACCTGGAGCCTCTG
DogPS2 21-bp deletion:	GGCGGCCCAAACGCTGGAGCCTGC
HumanPS2 SRE mutant:	GTCCCTGGTCCCCAGAACCAAACTGAGCATGGCCGC
DogPS2 SRE mutant:	GCCCTGGGCACATCACCCACCCCGAGCGGGGC