

S1 Table. Primer set information

Genes of Interest	Qiagen Catalog Number	Chromosomal Region^a	Target Sequence^b
<i>ATP5E</i>	PM00018172	Chr20:57,607,314 – 57,607,340	CACCATGCTGTAG <u>C</u> GAAAG <u>C</u> GGAGCT <u>C</u> GT <u>C</u> GGG <u>C</u> GAAT <u>C</u> GC
<i>COX6C</i>	PM00137830	Chr8:100,905,758 – 100,905,787	<u>A</u> <u>C</u> GG <u>C</u> GGAGACACACAGTC <u>A</u> <u>C</u> GACTAAAT <u>C</u> CGA
<i>RPL9</i>	PM00196392	Chr4:39,460,177 – 39,460,198	ACACTGGGGCCC <u>G</u> CTGT <u>C</u> GGTCTCCC <u>G</u> TCCTCC <u>G</u> A

^aChromosomal regions based on GRCh37 Genome Reference Consortium Human Build 37 (GRCh37)

^bThe underlined C or G indicates the position of the CpG sites in the genes of interest