

Supplemental Table 1. Primers used for genotyping and quantitative real-time PCR

method and target	Sequence (5' -> 3')	
	forward	reverse
genotyping		
PGC-1 α ^{+/+}	GTCTAAGATGTCTGCTCTTGAGG	CCAGTTTCTTCATTGGTGTG
PGC-1 α ^{-/-}	TCCAGTAGGCAGAGATTTATGAC	CCAAGTGTCTATAATTCCAGTTC
PGC-1 β ^{+/+}	TCTGAGCCTTCGGTTCTACTTACA	ATCAATCAATCAATCAATCAATCAATCA
PGC-1 β ^{-/-}	TCTGAGCCTTCGGTTCTACTTACA	TGATAGACCCTGGGTCTGCCA
real-time PCR		
GPA	GCCGAATGACAAAGAAAAGTTCA	TCAATAGAACTCAAAGGCACACTGT
ϵ y-globin	ACCCTCATCAATGGCCTGTGGA	CATGGGCTTTGACCCTTGGG
β h1-globin	ATCATGGGAAACCCCGGA	GGGTGAATTCCTTGGCAAAATGAGT
β ^{maj} -globin	TCTGCTATCATGGGTAATGCCAAA	GAAGGCAGCCTGTGCAGCG
ζ -globin	GGAGAAGATGGCTGCTCAGGC	TGTGAGCAGCAGACAGTGGGA
α -globin	CCCGGTGCCTTGTCTGCT	GTGAAATCGGCAGGGTGG
PGC-1 α	AGCCGTGACCACTGACAACGAG	GCTGCATGGTTCTGAGTGCTAAG
PGC-1 β	CTTGACTACTGTCTGTGAGGC	CGCTCCAGGAGACTGAATCCAGAG
18S	ACCGCAGCTAGGAATAATGGA	GCCTCAGTTCCGAAAACCA
ChIP assay		
ϵ y promoter	CCAGACTTGCCATCATGGTGA	TCACCACCAACCTCTTCAACAT
β h1 promoter	GGACAGGTCTTCAGCCTCTTGA	CAGATGCTTGTGATAGCTGCCT
β ^{maj} promoter	CACCGAAGCCTGATTCCGTAGA	GAAGCAAATGTGAGGAGCAACTGA
β ^{maj} 5.9k	CGGGATGGGCATTAAGGTA	AACAACCTGTGTCAGAAGCAGATG