

qPCR primers used in the study

Gene	Forward	Reverse
Ppp1R3C	TGATCCATGTGCTAGATCCACG	ACTCTGCGATTTGGCTTCCTG
ARBP	CACTGGTCTAGGACCCGAGAA	AGGGGGAGATGTTTCAGCATGT
UCP1	AGGCTTCCAGTACCATTAGGT	CTGAGTGAGGCAAAGCTGATTTFG
Dio2	AATTATGCCTCGGAGAAGACCG	GGCAGTTGCCTAGTGAAAGGT
Gys1	ATCTACACTGTGCTGCAGACG	CCTTGCTGTTCATGGAATCC
Gys2	CCATCCTCAGCACCATTAGAC	GTGACAACCTCGGACAAACTC
Pygl	TGCTTTGGATAAGAAGGGGTATGAGGC	TTGAAGAGGTCTGGCTGATTGGGAG
Pygm	ATCAACCCCAACTCGCTCTTT	GCTCCCTTTTGATGCGGTT
Cidea	ATCACAACCTGGCCTGGTTACG	TACTACCCGGTGTCCATTTCT
Pygb	CAGCAGCATTACTATGAGCGG	CCAAGTCCAACCCCAACTGA
Gys1	ATCTACACTGTGCTGCAGACG	CCTTGCTGTTCATGGAATCC
Gys2	CCATCCTCAGCACCATTAGAC	GTGACAACCTCGGACAAACTC
NQO1	AGGATGGGAGGTACTIONCGAATC	AGGCGTCCTTCCTTATATGCTA
GCLM	AGGAGCTTCGGGACTGTATCC	GGGACATGGTGCATTCCAAAA
GPx	AGTCCACCGTGTATGCCTTCT	GAGACGCGACATTCTCAATGA
SOD2	CAGACCTGCCTTACGACTATGG	CTCGGTGGCGTTGAGATTGTT