

Supplementary Table 3. List of primers.

Oligo name	Sequence forward (5' to 3')	Sequence reverse (5' to 3')	Product size (bp)	Accession number ^a
18s rRNA	GTAACCCTTTGAACCCATT	CCATCCAATCGGTAGTAGCG		
Adiponectin	AAGGACAAGGCCGTTCTCT	TATGGGTAGTTGCAGTCAGTTGG	219	NM_009605.5
Adipo R1	TTCTTCCTCATGGCTGTGATGT	AAGAAGCGCTCAGGAATTCG	71	XM_021197931.2
AdipoR2	TGCAGCCATTATAGTCTCCAG	GAATGATTCCACTCAGGCCTAG	101	XM_021190928.2
AMPK α 1	GTCGACGTAGCTCCAAGACC	ATCGTTTTCCAGTCCCTGTG	232	XM_011245321.3
AMPK α 1	CGCCTCTAGTCTCCATCAG	ATGTCACACGCTTTGCTCTG	219	XM_029539581.1
AMPK β 2	GTTGCTGTTGCTTGTCCAA	ATACTGTGCCTGCCTCTGCT	149	XM_021163526.2
AMPK β 2	ACCCAAGCACAGCTCTAGACACAA	AGGGTAGTTTCCTTGCTCACACAT	119	XM_006500841.2
AMPK γ 1	TCCCTAGACCTCACCACACC	GTCTGCACAGCACAGAACC	191	XM_021183007.2
AMPK γ 1	ATTGACCCTATCAGTGGGAACGCA	TCCGATTCCAAGCTCATCCAGGTT	132	XM_030254045.1
ATP5C1	CATGGACAACGCCAGCAAGA	TTTACCTCTGTCTGAGGATGCAAC	165	NM_001112738.1
CD34	GTTATTTCTCTGATGAACCGTCG	CTCCACCATTCTCCGTGTAATA	84	XM_021198209.1
eNOS	AAGATTGCCTCGGTTTGTG	AAGATTGCCTCGGTTTGTG	89	XM_006535639.4
Fabp4	ATGATCATCAGCGTAAATGG	GCCTTTCATAACACATTCCA	246	XM_021157748.2
GAPDH	AGGTCGGTGTGAACGGATTG	GGGGTCGTTGATGGCAACA	95	XM_017321385.2
IGF-1	TGGATGCTCTCAGTTCGTG	GTCTTGGGCATGTCAGTGTG	220	XM_030244912.2
IGF-1R	GTGGGGGCTCGTGTTC	GATCACCGTGCAGTTTCCA	127	XM_006540643.5
mTOR	TTCAATCCATAGCCCCGTCT	CAAAGAGCTGCATCACTCGT	150	XM_006539077.3
Myf5	CTGTCTGGTCCCAGAAAGAAC	AAGCAATCCAAGCTGGACAC	103	XM_006513319.2
MyoD	CCCCGGCGGCAGAATGGCTACG	GGTCTGGGTTCCCTGTTCTGTGT	234	NM_010866.2
NDUFS3	GCTTCGAGGGACATCCTTTC	AGTTACTTGGTTTCAGGCTTCT	223	XM_021152446.2
PAX3	TCGGAGGAGTATTATCAACGG	CAATTTCTTCTCCACGTCAGG	231	XM_021156775.1
PAX7	GTCATGAGCATCCTTAGCAAC	CCATACTGGCTGTAAGTGGTAG	242	XM_021160851.1
PAX9	GAAACACATCCGACTTACAAG	GCTGCTTGTATGAGTCGTAATG	185	XM_021179351.1
Perilipin	CTGTGTGCAATGCCTATGAGA	CTGGAGGGTATTGAAGAGCCG	171	XM_011250776.3
PGC1- α	TATGGAGTGACATAGAGTGTGCT	CCACTTCAATCCACCCAGAAAG	134	XM_036164894.1
T-cadherin	CATCGAAGCTCAAGATATGG	GATTTCATTGATGATGGTG	230	XM_021169677.2
TIMM9	AATATGGCTGCACAGATACC	TTCAGGTTTCACCTCTCTTG	135	XM_017315088.2
TOMM20	GAAACAGAAGCTTGCTAAGGAG	GTCACCTTGTGCTAGTAACTCT	127	XM_021170680.2
TOMM40	TGAACAGTAACTGGATCGTG	GGAGGACATCAAGTCTTCC	390	XM_030242769.1