

### Supplementary Table S2

Selected candidate gene primer characteristics. Six genes were selected randomly from the higher-, middle- and lower hits for RT-PCR validation.

Gene	Forward	Reverse	Fold Change	<i>p</i> -Value
FNDC1	TCATCTTGGGATGCGCTACCA	GGCAGAAGTAGTGTCTCCAGGA	7.58175	0.45148
ISL2	AGAGACGGGAAGACCTACTGCA	AGCACTCGATGTGGTACACGCT	5.05449	0.29145
GAPDH	GTCTCCTCTGACTTCAACAGCG	ACCACCCTGTTGCTGTAGCCAA	1	1
VMO1	GCTTTAATAGCGGAGGTGGGA	TTGGCTCCTTTTCTGTTCTGT	1	0.043363
MYOM1	TGTCAAGGCTGTCAGTGAGGAG	GAAGCATTCGCTTACTGCGGAG	-3.16549	0.54961
TMEM86A	CTCATCTGGCAGGACCAAGGAT	CATCACCAGACCTGTCCGAAGA	-6.33099	0.31581