

Supplementary information, Table S2 Primers used for RT-PCRs

Genes	Primer Sequence (5' to 3')	AT (°C)	PS (bp)
<i>SSEA1</i>	F-CTTCAACTGGACGCTCTCCTA R-GTTGGTGGTAGTAGCGGACC	60	191
<i>MESP2</i>	F-GCTTCCCTCTTTCCATCCAGGA R-CCCTGAAAGACATCACTTGGAA	60	122
<i>KDR</i>	F-GTGATCGGAAATGACACTGGAG R-CATGTTGGTCACTAACAGAAGCA	60	124
<i>TBX5</i>	F-TGTGGCTAAAATTCCACGAA R-TTCTGGAAGGAGACGAGCTG	60	283
<i>NKX2-5</i>	F-CAAGTGTGCGTCTGCCTTT R-CAGCTCTTTCTTTTCGGCTCTA	60	100
<i>TNNT2</i>	F-TTCACCAAAGATCTGCTCCTCGCT R-TTATTACTGGTGTGGAGTGGGTGTGG	60	166
<i>ACTA2</i>	F-CTATGAGGGCTATGCCTTGCC R-GCTCAGCAGTAGTAACGAAGGA	60	122
<i>MYH11</i>	F-GGTCACGGTTGGGAAAGATGA R-GGCAGGTGTTTATAGGGGT	60	193
<i>PECAM1</i>	F-ATCATTCTAGCGCATGGCCTGGT R-ATTTGTGGAGGGCGAGGTCATAGA	60	159
<i>CDH5</i>	F-TGGAGAAGTGGCATCAGTCAACAG R-TCTACAATCCCTTGCAGTGTGAG	60	118
<i>MYL3</i>	F-CAGAACCCACACAGGCAGA R-TGCTGGAGCATAGGCAGGAA	60	107
<i>SLC8A1</i>	F-GCCAACCTGTCTTCAGGAAGG R-CGTCTGCAATGGTGATTACAGT	60	72
<i>CNN1</i>	F-GTCAACCCAAAATTGGCACCA R-ACCTTGTTTCCTTTTCGTCTTCG	60	183

<i>VWF</i>	F-CCGATGCAGCCTTTTCGGA R-TCCCAAGATACACGGAGAGG	60	171
<i>GAPDH</i>	F-AAGGTGAAGGTCGGAGTCAAC R-GGGGTCATTGATGGCAACAATA	60	102

AT, annealing temperature; PS, product size; F, forward; R, reverse.