

**Table S1**

Gene	Gene Ref.	Forward	Reverse
CD31	NM_000442.5	F - GAGGGCAAACCCTTCTATCAA	R - CTGTCTCTGTGTCCTTCTTTCC
CD144	NM_001795.5	F - CAACTCCATACTCCACTCCAAG	R - CCACATCTTGGGTTCTCTAAA
KDR	NM_002253.3	F - GGACTTCCAGGGAGGAAATAAA	R - TCTTGAGCAAGGCAGACATAG
Tie2	NM_000459.4	F - GACTGTGGACAAGGGAGATAAC	R - CTCACACGTCCTTCCCATAAA
NOS3	NM_000603.5	F - ACAGTTACCAGCTAGCCAAAG	R - CACCACGTCATACTCATCCATAC
VWF	NM_000552.4	F - AAGCAGACATACCAGGAGAAAAG	R - CAGGAGCAGGTGTCGTAAAT
BMP4	NM_001202.6	F - CGGGCCAGGAAGAAGAATAAG	R - CGTGTGTGTGTGGTGTATGT
T	NM_080646.1	F - ACGACAACGGCCACATTAT	R - CACTTCTCTCTCTGGTGTGTTCC
Cxcr4	NM_001008540.2	F - GAGAAGCATGACGGACAAGTA	R - TGACAATACCAGGCAGGATAAG
GATA4	NM_001308093.1	F - GGAAGCCCAAGAACCTGAATA	R - CAGGAATTTGAGGAGGGGAAGAG
Pax6	NM_000280.4	F - CATTGCTCCGGCATGAAATATAC	R - CCAGCGAGAAGGAAGAAGTAAG
Nestin	NM_006617.2	F - GGACAAGAGAACCTGGAAACA	R - GCTCTGCCTCATCCTCATT
CD11b	NM_001145808.2	F - CTTACGGCCTCAGAGAATAC	R - CACGATCAGGAGGTGGTTATG
CD45	NM_002838.5	F - TCCAGGAGAGCCTCAGATTAT	R - CACATTGCAGCACTTCCATTAC
CD235a	NM_002099.8	F - CAGAAGAGGAAACCGGAGAAAAG	R - GAGTGTCCAGTCCACATGTTAAT
CD90	NM_006288.4	F - GGGTTGGAGAAGGAGGTAAAG	R - CACAGTCACAGAACAGGAAGA
CD105	NM_001114753.2	F - AATGAGGCGGTGGTCAATATC	R - TGGGTATGGGTACTGTGTAGAA
CD34	NM_001025109.2	F - CTGGTTTCCACCCTCAAGATTA	R - GCTGGACTTCCCTACTGATTAC
C-Myb	NM_001130173.2	F - CTCCAAGAACTCCTACACCATTC	R - GTCATCTGCTCCTCCATCTTTC