

Supplemental data

Supplemental table 1. Primers for RT-PCR

Genes	Orientation	Sequences	Size
Nkx2.5	Sense	CCAAGTGCTCTCCTGCTTTCC	365bp
	Antisense	AGTCTGGTCCTGCCGCTGTC	
GATA-4	Sense	CTCGATATGTTTGATGACTTCT	349bp
	Antisense	TCCGTTTTCTGGTTTGAATCCC	
α-MHC	Sense	GCTGAGCTACAACGTGTCCT	320bp
	Antisense	TCATACTTCTGCTTCCACTC	
β-MHC	Sense	CCACATCCGTGCAGATAGA	445bp
	Antisense	CCTCGGGTTAGCTGAGAGA	
MLC-2v	Sense	TGTGGGTCACCTGAGGCTGTGGTTCAG	189bp
	Antisense	GAAGGCTGACTATGTCCGGGAGATGC	
VE-cad	Sense	AACACCAACAAAAACCTGGAACA	408bp
	Antisense	GGATTGAGTAAAGACGGGGAAG	
Flk-1	Sense	CACCTGGCACTCTCCACCTTC	240bp
	Antisense	GATTCATCCCACTACCGAA	
CD31	Sense	GTCATGGCCATGGTCGAGTA	261bp
	Antisense	CTCCTCGGCGATCTTGCTGAA	
FGF5	Sense	ATGGCTCCCACGAAGCCAGTGTGTTAAGTA	391bp
	Antisense	GGTGGCTTTTTCTTTTCTGGAACAGTGACG	
FOXA2	Sense	AGCAGCTACTATGCAGAGCCCGAGGGCTAC	364bp
	Antisense	TACATGGGGCTCATGGAGTTCATGTTGGCG	
Nestin	Sense	GCTACCAGGAGCGCGTGGCACACATGGAGA	232bp
	Antisense	CTGCTCCAGGGCCTCCACAGCCAGCTGGAA	
MAP2	Sense	GTACCTGGAGGTGGTAATGTCAAGATTGAC	214bp
	Antisense	GCAGTGACATCCTCAGCCAAAGTGGCAAGC	
EphB4	Sense	CATCATTGCAGTTCTCTGCCTCAGGAAGCA	228bp
	Antisense	CCCGGCACACCTCGCCGAACTCACCTGCAC	
EphrinB2	Sense	CTACTGGAATTCTCGAACTCCAAATTTCT	333bp
	Antisense	CCTCCAAAGACCCATTTGATGTAGATATAA	
β-actin	Sense	GCTGAGAGGGAAATCGTGCGTGAC	454bp
	Antisense	TCTGCTGGAAGGTGGACAGTGAG	
GAPDH	Sense	TGCGACTTCAACAGCAACTC	255bp
	Antisense	GATGGAAATTGTGAGGGAGA	

Supplemental table 2. Primers for Real-time PCR

Genes	Orientation	Sequences	Size
Nkx2.5	Sense	CCCCAAGTGCTCTCCTGCTTTCCC	152bp
	Antisense	CGCCATCCGTCTCGGCTTTGTC	
GATA-4	Sense	AGGAGGGGATTCAAACCAGAAAACG	209bp
	Antisense	GGAGCTGCTGTGCCCATAGTGAGAT	
α-MHC	Sense	AACATTATGGGCTGGCTGGAAAAGAAC	193bp
	Antisense	GGTGGAGAGCAGACACTGTTTGGAAGG	
VE-cad	Sense	CCGCCAGAATGCTAAGTATGTGCTCC	169bp
	Antisense	TTCCAGGTTTTTGTGGTGTTCCTTGTC	
CD31	Sense	TGACCCAGCAACATTCACAGATAAGC	202bp
	Antisense	TTTCACAGAGCACCGAAGTACCATTT	
Fik-1	Sense	GAGGAGAAATCGCTCAGTGATGTAG	178bp
	Antisense	CCGATAGGAGAATGTTTCGTGCTG	
GAPDH	Sense	AGAAGACTGTGGATGGCCCCTC	110bp
	Antisense	GATGACCTTGCCACAGCCTT	
EphB4	Sense	CATTGAACAGGACTACCGGCTGCC	105bp
	Antisense	AAGCGGGGCCGGGCATTCCG	
ephrinB2	Sense	GAGCCCAGCGACATCATCATCC	118bp
	Antisense	GGGGGCATCTCCTGGACGATGTA	
