

Table S1 Pig PCR primers

	gene name		product size	
1	MyoD	pg_myod_F pg_myod_R	152	TCCGACGGCATGATGGATTATAG TCCACGATGCTGGACAGACAG
2	Myf5	pg_myf5_F pg_myf5_R	218	GCATGCCTGAATGCAACAGC AGAATCGGTGCTGGCAACTG
3	Pax3	pg_Pax3_F pg_Pax3_R	158	GCACCAGGCATGGATTTTCC ATAGTCGGTCTGCGGCTGATG
4	Pax7	pg_Pax7_F pg_Pax7_R	116	AGCTTCTCCAGTACTCCGACAG GCACTGGGGTTGCTCAGAATG
5	M-cad	pg_Mcad_F pg_Mcad_R	119	AGCGTCATCCTGCTGCTCTTG AGGATGTTGTCCCGGAGATCG
6	Myogenin	pg_myog_F pg_myog_R	231	AGCGCCATCCAGTACATCGAG GGAGTGCAGATTGTGGGCATC
7	Skeletal muscle actin	pg_a_skel_act_2F pg_a_skel_act_2R	470	CCACAACGTGCCCATCTATGA TCTCCTTCTGCATGCGGTCA
8	NCAM1	pg_NCAM1_F pg_NCAM1_R	158	ATCTCATGGTTCGCGATGG TCCTGTCCAATGCGGTTTAC
9	Cacnb1	pg_Cacnb1_F pg_Cacnb1_R	211	TCGAGCGAATCTTCGAGCTG TTCTCCGAGGCCGCTATTTG
10	NG2	pg_NG2_F pg_NG2_R	109	TCAACGGACGGGTATTGCTG TCCAGGGCTCCTTTGTGTGAG
11	Pmp22	pg_Pmp22_F pg_Pmp22_R	197	TGGCAAACTGCACCACCTC ATCTGGAAGACCCCGGTGATG
12	p75	pg_p75_F pg_p75_R	116	ACCGACAACCTCATCCCTGTC TTGGCTCCTTGCTTGTCTGTC
13	Sox10	pg_Sox10_F pg_Sox10_R	157	TCAGACGGAAACCTGAGCAC CGTCCCCGAAGTCGATGTGAG
14	BDNF	pg_BDNF_F pg_BDNF_R	222	CCAGAAAGTTCGGCCCAATG ACCCACTCGCTAATGCTGTCTG
15	GDNF	pg_GDNF_F pg_GDNF_R	127	TGACTTGGGTTTGGGCTACG CACCAGCCGTCTGTTTTTGG
16	Ninjurin	pg_Ninjurin_F pg_Ninjurin_R	123	CCAGCTTCGCCTTCTTCATCC CATGCTTGGCAGGGTTGTTG
17	a-SMA	pg_aSMA_F pg_aSMA_R	138	CTTCGTGTTGCCCCAGAAGA CACCGCCTGAATAGCCACAT
18	Smoothelin	pg_smoothelin_F pg_smoothelin_R	175	TGAAGACCACGTTACCATCG GGGCTGCTGATATGGGTGATG
19	VE-cad	pg_VEcad_F pg_VEcad_R	176	GACAGCAACTTCACCCTCACG TTGCACTTGACACCGGTCAC
20	VEGF	pg_VEGFA_F pg_VEGFA_R	193	TACTGCCGTCCAATCGAGACC GGCCTTGGTGAGGTTTGATCC
21	CD34	pg_CD34_F pg_CD34_R	238	TCCTTGCTCCTTGCCCAATC AGCCAGTGATGCCCAAGACAG
22	GAPDH	pg_GAPDH_F pg_GAPDH_R	260	TCGGAGTGAACGGATTGCG CGTGGGTGGAATCATACTGG