Supplementary material for Shamblott *et al*. (December 26, 2000) *Proc. Natl. Acad. Sci. USA*, 10.1073/pnas.021537998

Table 1. RT-PCR primers

Lineage	Marker name	Primer/probe	Size, bp	Sequence (5'--3')
Neural	Nestin	Nestin-N	200	GCCCTGACCACTCCAGTTTA
		Nestin-C		GGAGTCCTGGATTTCCTTCC
		Nestin-P		TAAGGATGGAGAATCCGGTG
	MAP2	MAP2-N	200	GCATATGCGCTGATTCTTCA
		MAP2-C		CTTTCCGTTCATCTGCCATT
		MAP2-P		AACCGAGGAAGCATTGATTG
	Neurofilament light	NFL-N	200	ACCCGACTCAGTTTCACCAG
		NFL-C		TCAGCCTTAGACGCCTCAAT
		NFL-P		CTATCTGATGTCCACCCGCT
	Vimentin	Vimentin-N	200	GGGACCTCTACGAGGAGGAG
		Vimentin-C		CGCATTGTCAACATCCTGTC
		Vimentin-P		CGAAAACACCCTGCAATCTT
	Tyrosine hydroxylase	TYRH-N	188	GTGTTCCAGTGCACCCAGTA
		TYRH-C		AGCGTGGACAGCTTCTCAAT
		TYRH-P		CAGTTCTCGCAGGACATTGG
	Sox-1	SOX1-N	199	AGAACCCCAAGATGCACAAC
		SOX1-C		GCCAGCGAGTACTTGTCCTT
		SOX1-P		AGTGGAAGGTCATGTCCGAG
	Sox-2	SOX2-N	200	AGAACCCCAAGATGCACAAC
		SOX2-C		GGGCAGCGTGTACTTATCCT
		SOX2-P		GTTCATCGACGAGGCTAAGC
	GFAP	GFAP-N	199	ACCAGGACCTGCTCAATGTC
		GFAP-C		ATCTCCACGGTCTTCACCAC
		GFAP-P		ACATCGAGATCGCCACCTAC
Muscle	myf5	myf5-N	193	TCACCTCCTCAGAGCAACCT
		myf5-C		TGAAGCCTTCTTCGTCCTGT
		myf5-P		TTCTTCCAGGAGGGCCTAAT
	Myogenin	Myogenin-N	199	GCCAGACTATCCCCTTCCTC
		Myogenin-C		GAGGCCGCGTTATGATAAAA
		Myogenin-P		CCTTTCCAGGGAGGTAAAGC
	myoD	myoD-N	196	GTGAGACCCTCGCAGACCTA
		myoD-C		CTCCTCTCTGGCAAACGAAC
		myoD-P		CACTCCGGTCCCAAATGTAG
	myf6	myf6-N	200	TTCGATGCCTTTCTTCCATC
		myf6-C		ACTTTTCGGTCTGGGTTCCT
		myf6-P		GTGGAGGAAGTGGTGGAGAA
	Myosin heavy chain a	MHC-N	199	GGAGGAGGACAGGAAAAACC
		MHC-C		CAGCTTGTTGACCTGGGACT
		MHC-P		GGACCTGGTAGACAAGCTGC
	Myosin light chain 2V	MLC-N	200	GGCGAGTGAACGTGAAAAAT
		MLC-C		CAGCATTTCCCGAACGTAAT
		MLC-P		CCCTGAGGAAACCATTCTCA
Vascular	CD34	CD34-N	200	TGAAGCCTAGCCTGTCACCT

		CD34-C		CGCACAGCTGGAGGTCTTAT
		CD34-P		CTAGCCTTGCAACATCTCCC
	flk-1	flk1-N	199	GGTATTGGCAGTTGGAGGAA
		flk1-C		ACATTTGCCGCTTGGATAAC
		flk1-P		GCCAAGCTGTCTCAGTGACA
	Ac133	AC133-N	200	CAGTCTGACCAGCGTGAAAA
		AC133-C		GGCCATCCAAATCTGTCCTA
		AC133-P		CTGCGGTCATCTCTCAATGA
Endoderm	α-1-fetoprotein	AFP-for	200	AGCTTGGTGGTGGATGAAAC
		AFP-rev		TCCAACAGGCCTGAGAAATC
		AFP-P		CTTGTGAAGCAAAAGCCACA
	Albumin	ALB-N	233	CCACGACAACGAAGAAACCT
		ALB-C		CAGAAGACGCCTTACCTTCG
		ALB-P		TACCTGTACGAAATCGCACG
	HNF3 β	HNF3B-N	199	CTACGCCAACATGAACTCCA
		HNF3B-C		GAGGTCCATGATCCACTGGT
		HNF3B-P		GCCCTACTCGTACATCTCGC
	HNF4 α	HNF4A-N	501	TCTCATGTTGAAGCCACTGC
		HNF4A-C		GGTTTGTTTTCTCGGGTTGA
		HNF4A-P		GCAGGGTCTAGAAGGCTGTG
	GATA 4	GATA4-N	194	TCCCTCTTCCCTCCTCAAAT
		GATA4-C		TCAGCGTGTAAAGGCATCTG
		GATA4-P		CGACAATCTGGTTAGGGGAA
	Aldolase B	ALDB-N	195	TGGCATCTGCTTTTTGTCTG
		ALDB-C		CGCTTCATAAAAGCCTCCTG
		ALDB-P		CAACCTTTGCCCTCTACCAA
	Liver pyruvate kinase	LPK-N	496	GCTTCGGTCATGGGTCTCTA
		LPK-C		CTCCACTTCCGACTCTGGAC
		LPK-P		GTGGAGAGCTTTGCAGGTTC
Control	PGK-1	PGK-N	250	CAGTTTGGAGCTCCTGGAAG
		PGK-C		TGCAAATCCAGGGTGCAGTG