

Table S1: RT-PCR primers for human genes studied

Gene	Product (bp)	Primer sequences	Accession no.
OCT4/POU5F1	259	5'gggtggaggaagctgacaac3' forward	NM_002701
		5'gcatagtcgctgcttgatcg3' reverse	NM_203289
NANOG	368	5'tgcctcacacggagactgtc3' forward	NM_024865
		5'ctgcgtcacaccattgtattc3' reverse	
GATA4	352	5'tcceaaccagaaaacggaag3' forward	NM_002052
		5'aagaccaggctgtccaaga3' reverse	
AFP	312	5'gcggcctctccagaaacta3' forward	NM_001134
		5'ttcatccaccaccaagctg3' reverse	
BRY	353	5'agcatcccttgctcacacct3' forward	NM_003181
		5'acattctagggggcagagca3' reverse	
NES	318	5'agcgttggaacagaggttg3' forward	NM_006617
		5'tgggagcaaagatccaagac3' reverse	
MAGEA2	545	5'gggacaggctgacaagtagg3' forward	NM_005361
		5'tctgaggacactctccagca3' reverse	NM_175742
			NM_175743
MAGEA3,6	399	5'ttaggaaggtggccgagttg3' forward	NM_005362
		5'tgggatccccaagatactg3' reverse	NM_005363
			NM_175868
MAGEA4	383	5'tcaggagcctctgccttac3' forward	NM_001011548
		5'tattaccagcaggccatca3' reverse	NM_002362
			NM_001011549
			NM_001011550

MAGEA8	319	5'tccagcagcaatgaagagga3' forward	NM_005364
		5'gcaggccatcataggagag3' reverse	
MAGEB2	222	5'aggacccgagcgagtgtag3' forward	NM_002364
		5'ccccagaaacagaagaggaa3' reverse	
MAGED1	247	5'cctccgttctaccatgaga3' forward	NM_001005333
		5'ccaggtcagcagctcaaact3' reverse	NM_006986
			NM_001005332
MAGED2	561	5'aaagccacagaggtctcaa3' forward	NM_014599
		5'cgggctttagtgatctcag3' reverse	NM_177433
			NM_201222
GAGE1,2A,2B, 2C,2D,2E,10,12 C,12D,12E,12G, 12H,12I,12J,13	238	5'ctgagattcatctgtgtgaaatga3' forward	NM_001468
		5'aggcttcggccttga3' reverse	NM_001040663
			NM_001127212
			NM_001098411
			NM_001472
			NM_001098407
			NM_001127200
			NM_001098413
			NM_001098408
			NM_001127199
			NM_001098418
			NM_001098409
			NM_001098410
			NM_001477
			NM_001098406
			NM_001098412

RPL19

326

5'agggtacagccaatgcccg3' forward

NM_000981

5'ccttgataaagtcttgatgatc3' reverse

Table S2: RT-PCR primers for mouse genes studied

Gene	Product (bp)	Primer sequences	Accession no.
Oct-4/Pou5f1	621	5'tggagactttgcagcctgag3' forward	NM_013633
		5'catactcttctcgttgggatta3' reverse	
Nanog	702	5'caagcgggtggcagaaaaac3' forward	NM_028016
		5'tggataagagcaccgactg3' reverse	
Magea4	224	5'tcggagccaaaggagtag3' forward	NM_020280
		5'tgcacagtgggtcttctgt3' reverse	
Magea1,2,3,5,6,8	361	5'actggcctccatccctgata3' forward	NM_020015
		5'cttgggcataccctggacat3' reverse	NM_020016
			NM_020017
			NM_020018
			NM_020019
			NM_020020
Mageb3	125	5'tcaaatgggtttcacacacg3' forward	NM_008545
		5'aattttatggttgggggtca3' reverse	
Mageb1,2,3	435	5'gttccagtagttcagcccactgc3' forward	NM_010759
		5'agtgctgggatcaattccttc3' reverse	NM_031171
			NM_008545
Maged1	509	5'aaggggccaatgattactctcag3' forward	NM_019791
		5'tgatccccactgttcttctt3' reverse	
Maged2	309	5'cagtgaccagagtcaggcttc3' forward	NM_030700
		5'gagcgtctgatgggaatctt3' reverse	
Hprt	249	5'gctggtgaaaaggacctct3' forward	NM_013556
		5'cacaggactagaacacctgc3' reverse	