

Supplementary Table S5: Sequences of primers used for semi-quantitative RT-PCR

Gene symbol	Genbank Acc #	Forward Primer	Reverse Primer	Amplicon size (bp)	PCR Program ¹	Primer Sequence Source
acot1	NM_012006	5' ATACCCCTGTGACTATCCTGA 3'	5' CAAACTCACTACCCAAGTGT 3'	426	9	Primer Bank ²
ak1	NM_021515	5' GCTGCTGTGTCTAGTGAAC 3'	5' CCTCTCCGATCCAGA GCT GA 3'	203	9	Primer Bank ²
afp	NM_007423	5' CTTCCCTCATCCTCCTGCTAC 3'	5' ACAAAGTGGGTAAGGTGATGG 3'	145	13	Primer Bank ²
amy2	NM_009669	5' TTGCCA AGGAATGTGAGCGAT 3'	5' CCAAGGTCTTGATGGGTTATGAA 3'	104	6	Primer Bank ²
ccne1	NM_007633	5' GCAGCGAGCAGGAGACAGA 3'	5' ATCCAAGGCATCTTGCAGACC 3'	176	9	NCBI
cdk8	NM_153599	5' GCACCCAAACGTCATCTCC 3'	5' CCATTCCCGAGGTAAGTGA 3'	161	6	Primer Bank ²
cdkn1a	NM_007669	5' CGAGAACGGTGGAACTTTGAC 3'	5' CAGGGCTCAGGTAGACCTTG 3'	106	13	Primer Bank ²
ckmt1	AK018487	5' ATCTGGGTGAATGAGGAGGAC 3'	5' CAGCCTCGTTCCTGGATCAG 3'	128	83	Primer Bank ²
eda2r	NM_175540	5' ATGAGGCTGAAAAGACAGTGG 3'	5' TCCAGGATGGAGTTAAGTGGTT 3'	124	9	Primer Bank ²
gpc3	NM_016697	5' CAGCCCGGACTCAAATGGG 3'	5' CAGCCGTGCTGTTAGTTGGTA 3'	126	9	Primer Bank ²
h19	X58196	5' GCCTCAATAACTGGAGAATGGAA 3'	5' CTCATGGGAATGGTGTGTCTG 3'	145	6	Primer Bank ²
igf2	NM_010514	5' GTGCTGCATCGCTGCTTAC 3'	5' ACGTCCCTCTCGGACTTGG 3'	222	13	Primer Bank ²
mcm7	NM_008568	5' ACCGCGAAGTCAGTACACAA 3'	5' GATGGTCTGCTGCTCCATAA 3'	207	83	Thakur et al. ⁴
rb1/p107	NM_011249	5' GAAAATTGCTCCTTCGAGTGTCA 3'	5' GTAACCTTCCGTCCCGTCGTC 3'	111	6	Primer Bank ²
ppia	NM_008907	5' GAGCTGTTTGCAGACAAAGTTC 3'	5' CCCTGGCACATGAATCCTGG 3'	125	6	Primer Bank ²
psrc1	BC008994	5' AGTGTGCCCTGAAAGATCGG 3'	5' GTCTAGGTGTACGCACGCA 3'	287	9	Primer Bank ²
rex3	NM_009052	5' AGGAGGAAGAGCGGAGCA 3'	5' AAGCTGGTAACAGGGAGAGATC 3'	589	6	Braeuning et al. ³
sox4	NM_009238	5' CGGCTGCATCGTTCTCTCC 3'	5' GGTAGACGTGCTTCACTTTCTTG 3'	174	6	Primer Bank ²
sulf2	AK034712	5' CTGCCACTATGGCTGCTGTC 3'	5' GTTGGGCCGATGTTCTGTG 3'	120	9	Primer Bank ²

¹ PCR Programs and conditions:

Program 6: 95°C 3 min, 50°C 10 min (x1); 95°C 1 min, 50°C 2 min, 72°C 3 min (x35); 95°C 1 min, 50°C 2 min, 72°C 10min (x1), 4°C

Program 9: 95°C 3 min, 54°C 10 min (x1); 95°C 1 min, 54°C 2 min, 72°C 3 min (x35); 95°C 1 min, 54°C 2 min, 72°C 10min (x1), 4°C

Program 13: 95°C 3 min, 56°C 10 min (x1); 95°C 1 min, 56°C 2 min, 72°C 3 min (x35); 95°C 1 min, 56°C 2 min, 72°C 10min (x1), 4°C

Program 83: 95°C 10 min (x1); 95°C 1 min, 57°C 1 min, 72°C 1 min (x35); 72°C 10 min (x1), 4°C

² Xiaowei Wang and Brian Seed (2003) A PCR primer bank for quantitative gene expression analysis. *Nucleic Acids Research*.

31(24):e154; pp.1-8.

³ Braeuning, A., M Jaworski, M. Schwarz and C. Kohle (2006). Rex3 (reduced in expression 3) as a new tumor marker in mouse hepatocarcinogenesis. *Toxicology*. 227:127-135.

⁴ Thakur, A., A. Bollig, J. Wu and D. J. Liao (2008) Gene expression profiles in primary pancreatic tumors and metastatic lesions of Ela-c-myc transgenic mice. *Molecular Cancer* 24:11