

Additional file 1 – One hundred genes examined in the present study

No.	Symbol	Gene name	Accession number
1	<i>ABLIM1</i>	actin binding LIM protein 1	NM_001003407
2	<i>ACTB</i>	actin, beta	NM_001101
3	<i>AMY2A</i>	amylase, alpha 2A (pancreatic)	NM_000699
4	<i>ANGPTL4</i>	angiopoietin-like 4	NM_139314
5	<i>ANXA8</i>	annexin A8	NM_001040084
6	<i>APLP1</i>	amyloid beta (A4) precursor-like protein 1	NM_001024807
7	<i>AREG</i>	amphiregulin	NM_001657
8	<i>ARF4L</i>	ADP-ribosylation factor-like 4D	NM_001661
9	<i>ASCL1</i>	achaete-scute complex homolog 1 (Drosophila)	NM_004316
10	<i>ATM</i>	ataxia telangiectasia mutated	NM_000051
11	<i>ATP11A</i>	ATPase, class VI, type 11A	NM_015205
12	<i>ATP6V1F</i>	ATPase, H ⁺ transporting, lysosomal 14kDa, V1 subunit F	NM_004231
13	<i>BEX1</i>	brain expressed, X-linked 1	NM_018476
14	<i>BICD2</i>	bicaudal D homolog 2 (Drosophila)	NM_001003800
15	<i>BTBD3</i>	BTB (POZ) domain containing 3	NM_014962
16	<i>BTF3</i>	basic transcription factor 3	NM_001037637
17	<i>CANX</i>	calnexin	NM_001746
18	<i>CD24</i>	CD24 molecule	NM_013230
19	<i>CDC7</i>	cell division cycle 7 homolog (<i>S. cerevisiae</i>)	NM_003503
20	<i>CDH1</i>	cadherin 1, type 1, E-cadherin (epithelial)	NM_004360
21	<i>CFL1</i>	cofilin 1 (non-muscle)	NM_005507
22	<i>CLDN4</i>	claudin 4	NM_001305
23	<i>COL7A1</i>	collagen, type VII, alpha 1	NM_000094
24	<i>CSTA</i>	cystatin A (stefin A)	NM_005213
25	<i>CTSL1(CTSL)</i>	cathepsin L1	NM_001912
26	<i>CYB5A(CYB5)</i>	cytochrome b5 type A (microsomal)	NM_148923
27	<i>DCK</i>	deoxycytidine kinase	NM_000788
28	<i>DDB1</i>	damage-specific DNA binding protein 1, 127kDa	NM_001923
29	<i>DST</i>	dystonin	NM_183380
30	<i>DUSP4</i>	dual specificity phosphatase 4	NM_001394
31	<i>ECM1</i>	extracellular matrix protein 1	NM_004425
32	<i>EEF1B2</i>	eukaryotic translation elongation factor 1 beta 2	NM_001959
33	<i>EEF2</i>	eukaryotic translation elongation factor 2	NM_001961
34	<i>EFNA1</i>	ephrin-A1	NM_004428
35	<i>ELF3</i>	E74-like factor 3	NM_004433
36	<i>FABP1</i>	fatty acid binding protein 1, liver	NM_001443
37	<i>FOSL1</i>	FOS-like antigen 1	NM_005438
38	<i>FOXP1</i>	forkhead box G1	NM_005249
39	<i>GAPDH(GAPD)</i>	glyceraldehyde-3-phosphate dehydrogenase	NM_002046
40	<i>GNB1</i>	guanine nucleotide binding protein (G protein), beta polypeptide 1	NM_002074
41	<i>GPR116</i>	G protein-coupled receptor 116	NM_015234
42	<i>HBEGF</i>	heparin-binding EGF-like growth factor	NM_001945
43	<i>HMGA1</i>	high mobility group AT-hook 1	NM_145899
44	<i>HPN</i>	hepsin (transmembrane protease, serine 1)	NM_002151
45	<i>IFNGR2</i>	interferon gamma receptor 2 (interferon gamma transducer 1)	NM_005534
46	<i>IGSF3</i>	immunoglobulin superfamily, member 3	NM_001542
47	<i>INA</i>	internexin neuronal intermediate filament protein, alpha	NM_032727
48	<i>INADL</i>	InaD-like (Drosophila)	NM_176877
49	<i>INSM1</i>	insulinoma-associated 1	NM_002196
50	<i>ISL1</i>	ISL LIM homeobox 1	NM_002202
51	<i>JUP</i>	junction plakoglobin	NM_021991
52	<i>KIF5C</i>	kinesin family member 5C	NM_004522
53	<i>KRT5</i>	keratin 5	NM_000424
54	<i>KRT13</i>	keratin 13	NM_002274

55	<i>KRT15</i>	keratin 15	NM_002275
56	<i>KRT17</i>	keratin 17	NM_000422
57	<i>KRTCAP3</i>	keratinocyte associated protein 3	NM_173853
58	<i>LDHA</i>	lactate dehydrogenase A	NM_005566
59	<i>LGALS7</i>	lectin, galactoside-binding, soluble, 7	NM_002307
60	<i>MAL2</i>	mal, T-cell differentiation protein 2	NM_052886
61	<i>MALL(BENE)</i>	mal, T-cell differentiation protein-like	NM_005434
62	<i>MCM3</i>	minichromosome maintenance complex component 3	NM_002388
63	<i>MGAT1</i>	mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	NM_002406
64	<i>MYCL1</i>	v-myc myelocytomatosis viral oncogene homolog 1, lung carcinoma derived (avian)	NM_001033081
65	<i>OCLN</i>	occludin	NM_002538
66	<i>ODC1</i>	ornithine decarboxylase 1	NM_002539
67	<i>PDRG1</i>	p53 and DNA damage regulated 1	NM_030815
68	<i>PFDN5</i>	prefoldin subunit 5	NM_002624
69	<i>PHLDA1</i>	pleckstrin homology-like domain, family A, member 1	NM_007350
70	<i>PLAT</i>	plasminogen activator, tissue	NM_000930
71	<i>PLAU</i>	plasminogen activator, urokinase	NM_002658
72	<i>PLTP</i>	phospholipid transfer protein	NM_006227
73	<i>PTMA</i>	prothymosin, alpha	NM_001099285
74	<i>PTPRN2</i>	protein tyrosine phosphatase, receptor type, N polypeptide 2	NM_002847
75	<i>QPCT</i>	glutaminy-peptide cyclotransferase	NM_012413
76	<i>RAB25</i>	RAB25, member RAS oncogene family	NM_020387
77	<i>RAB38</i>	RAB38, member RAS oncogene family	NM_022337
78	<i>S100A2</i>	S100 calcium binding protein A2	NM_005978
79	<i>S100P</i>	S100 calcium binding protein P	NM_005980
80	<i>SELENBP1</i>	selenium binding protein 1	NM_003944
81	<i>SFTPA1</i>	surfactant, pulmonary-associated protein A1	NM_001093770
82	<i>SFTPB</i>	surfactant, pulmonary-associated protein B	NM_000542
83	<i>SFTPD</i>	surfactant, pulmonary-associated protein D	NM_003019
84	<i>SLC16A4</i>	solute carrier family 16, member 4 (monocarboxylic acid transporter 5)	NM_004696
85	<i>SLC25A6</i>	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6	NM_001636
86	<i>SLCO4A1</i>	solute carrier organic anion transporter family, member 4A1	NM_016354
87	<i>SNAI2</i>	snail homolog 2 (Drosophila)	NM_003068
88	<i>SPINT2</i>	serine peptidase inhibitor, Kunitz type, 2	NM_021102
89	<i>SSR2</i>	signal sequence receptor, beta (translocon-associated protein beta)	NM_003145
90	<i>STMN1</i>	stathmin 1/oncoprotein 18	NM_203399
91	<i>TACSTD1</i>	tumor-associated calcium signal transducer 1	NM_002354
92	<i>TBL1XR1</i>	transducin (beta)-like 1 X-linked receptor 1	NM_024665
93	<i>TERT</i>	telomerase reverse transcriptase	NM_198253
94	<i>TFRC</i>	transferrin receptor (p90, CD71)	NM_003234
95	<i>TGM2</i>	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)	NM_004613
96	<i>TMED9</i>	transmembrane emp24 protein transport domain containing 9	NM_017510
97	<i>TMSL8(TMSNB)</i>	thymosin-like 8	NM_021992
98	<i>TP63(TP73L)</i>	tumor protein p63	NM_003722
99	<i>UNG</i>	uracil-DNA glycosylase	NM_003362
100	<i>VEGFC</i>	vascular endothelial growth factor C	NM_005429