

**SUPPLEMENTAL TABLE 1.**

Symbol	Fold change (siRNA/Ctrl)	Gene name	Gene accession number	Description
<b>Genes Increased</b>				
Cyp17a1	4.99	Cytochrome P450, family 17, subfamily a, polypeptide 1	NM_012753.1	Steroid biosynthetic process
Herc6	4.12	Potential ubiquitin ligase	AA943147	Potential ubiquitin ligase
LOC689147	3.40	Hypothetical protein LOC689147	XM_001069739	Hypothetical protein
Pkib	3.27	Protein kinase inhibitor beta	AF413572	Negative regulation of protein kinase
Lhx2_predicted	3.23	LIM homeobox protein 2	L06804	DNA binding, transcription factor
Hspa1a	3.20	Heat shock 70kD protein 1A	NM_031971	Nucleotide binding
Smc4l1	3.17	Structural maintenance of chromosomes 4	XM_001069997	DNA metabolic process
Clec14a	3.17	C-type lectin domain family 14, member a	NM_001014077	Proteolysis
Adcyap1	3.01	Adenylate cyclase activating polypeptide 1	NM_016989	Adenylate cyclase activating polypeptide 1
Hapln1	3.00	Hyaluronan and proteoglycan link protein 1	NM_019189	Hyaluronic acid binding
Sult1b1	2.97	Sulfotransferase family 1B, member 1	NM_022513	Steroid metabolic process
Top2a	2.96	Topoisomerase (DNA) 2 alpha	NM_022183	DNA metabolic process
RGD1566401_predicted	2.92	Short type PB-cadherin	D83349	Calcium ion binding
Fev	2.81	FEV (ETS oncogene family)	NM_144753	Regulation of transcription,
Pbk_predicted	2.67	PDZ binding kinase	NM_001079937	Protein amino acid phosphorylation
Brca2	2.63	Breast cancer 2	NM_031542	Transcription activator
Lcn2	2.63	Lipocalin 2	NM_130741	Transporter activity
Gja1	2.61	Gap junction protein, alpha 1	NM_012567	Signal transducer
Hsd17b1	2.58	Hydroxysteroid (17-beta) dehydrogenase 1	NM_012851	Steroid biosynthetic process
<b>Genes Decreased</b>				
Col8a1	0.4	Procollagen, type VIII, alpha 1	NM_001107100	Extra cellular matrix
Id1	0.39	Inhibitor of DNA binding 1	M86708	Transcription repressor

Reg1	0.38	Regenerating islet-derived 1	NM_012641	Positive regulation of cell proliferation
Abca1	0.38	ATP-binding cassette, sub-family A (ABC1), member 1	NM_178095	Biosynthetic process
Nrg1	0.38	Neuregulin 1	AF194443	Transcription cofactor
Synpo2	0.37	Synaptopodin 2	XM_575030	Protein binding
Enpep	0.36	Glutaryl aminopeptidase	NM_022251	Cell-cell signaling
Rffl	0.33	Ring finger and FYVE like domain containing protein	NM_001004068	Intracellular protein transport
Selp	0.32	Selectin, platelet	NM_013114	Inflammatory response
Nefh	0.32	Neurofilament, heavy polypeptide	NM_012607	Protein binding
Pde3b	0.31	Phosphodiesterase 3B, cGMP-inhibited	NM_017229	Signal transduction
Anxa1	0.30	Annexin A1	NM_012904	Signal transduction
Smagp	0.29	Small cell adhesion glycoprotein	BC101910	Small cell adhesion glycoprotein
Scd1	0.23	Stearoyl-Coenzyme A desaturase 1	NM_139192	Lipid metabolic process
Igfbp5	0.23	Insulin-like growth factor binding protein 5	AF139830	Insulin-like growth factor binding