

Supplemental Table S1. Genes examined in TLDA analysis.

Gene Symbol	Refseq #	Official Full Name
Accn3	NM_173135	Amiloride-sensitive cation channel 3
Acpp	NM_020072	Acid phosphatase, prostate
Actb	NM_031144	Actin, beta
Adrb2	NM_012492	Adrenergic, beta-2-, receptor, surface
Aldh3a1	NM_031972	Aldehyde dehydrogenase 3 family, member A1
Ar	NM_012502	Androgen receptor
Arnt	NM_012780	Aryl hydrocarbon receptor nuclear translocator
Atp5b	NM_134364	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, beta polypeptide
B2m	NM_012512	Beta-2 microglobulin
Bdkrb1	NM_030851	Bradykinin receptor B1
Cav1	NM_031556	Caveolin 1, caveolae protein
Cdkn1a	NM_080782	Cyclin-dependent kinase inhibitor 1A (p21, Cip1)
Cdkn1b	NM_031762	Cyclin-dependent kinase inhibitor 1B
Cebpa	NM_012524	CCAAT/enhancer binding protein (C/EBP), alpha
Cebpb	NM_024125	CCAAT/enhancer binding protein (C/EBP), beta
Cxcr4	NM_022205	Chemokine (C-X-C motif) receptor 4
Cyp11a1	NM_017286	Cytochrome P450, family 11, subfamily a, polypeptide 1
Cyp26b1	NM_181087	Cytochrome P450, family 26, subfamily b, polypeptide 1
Dbp	NM_012543	D site of albumin promoter (albumin D-box) binding protein
Dgkz	NM_031143	Diacylglycerol kinase zeta
Dnmt1	NM_053354	DNA (cytosine-5-)-methyltransferase 1
Dnmt3a	NM_001003958	DNA (cytosine-5-)-methyltransferase 3 alpha
Dnmt3b	NM_001003959	DNA methyltransferase 3B
Drd1a	NM_012546	Dopamine receptor D1A
Dusp1	NM_053769	Dual specificity phosphatase 1
Edn1	NM_012548	Endothelin 1
Egr2	NM_053633	Early growth response 2
Eif4e	NM_053974	Eukaryotic translation initiation factor 4E
ErbB2	NM_017003	V-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)
Esr1	NM_012689	Estrogen receptor 1(ER alpha)
Esr2	NM_012754	Estrogen receptor 2 (ER beta)
Fgfr1	NM_024146	Fibroblast growth factor receptor 1
Foxo3	XM_215421	Forkhead box O3
Fshr	NM_199237	Follicle stimulating hormone receptor
Fst	NM_012561	Follistatin
Fyn	NM_012755	FYN oncogene related to SRC, FGR, YES
Gabbr1	NM_031028	Gamma-aminobutyric acid (GABA) B receptor 1
Gna12	NM_031034	Guanine nucleotide binding protein, alpha 12
Gnas	NM_019132	GNAS complex locus
Hbegf	NM_012945	Heparin-binding EGF-like growth factor
Hmox1	NM_012580	Heme oxygenase (decycling) 1
Hnf1a	NM_012669	HNF1 homeobox A
Hras	XM_001062236	Harvey rat sarcoma virus oncogene
Hsd17b7	NM_017235	Hydroxysteroid (17-beta) dehydrogenase 7
Hsd3b	NM_001042619	3 beta-hydroxysteroid dehydrogenase/delta-5-delta-4 isomerase type II
Hsp90aa1	NM_175761	Heat shock protein 90, alpha (cytosolic), class A member 1
Ifngr2	XM_340967	Interferon gamma receptor 2
Igf1	NM_178866	Insulin-like growth factor 1
Igf1r	NM_052807	Insulin-like growth factor 1 receptor
Igfals	NM_053329	Insulin-like growth factor binding protein, acid labile subunit
Insr	NM_017071	Insulin receptor
Irs1	NM_012969	Insulin receptor substrate 1
Klf4	NM_053713	Kruppel-like factor 4 (gut)
Lcn2	NM_130741	Lipocalin 2
Lhcgr	NM_012978	Luteinizing hormone/choriogonadotropin receptor

Lpar1	NM_053936	Lysophosphatidic acid receptor 1
Magi2	NM_053621	Membrane associated guanylate kinase, WW and PDZ domain containing 2
Max	NM_022210	MYC associated factor X
Mecp2	NM_022673	Methyl CpG binding protein 2
Mmp10	NM_133514	Matrix metalloproteinase 10
Nck1	XM_217246	NCK adaptor protein 1
Ncoa1	XM_233944	Nuclear receptor coactivator 1
Nos2	NM_012611	Nitric oxide synthase 2, inducible
Nr4a3	NM_017352	Nuclear receptor subfamily 4, group A, member 3
Ntrk2	NM_012731	Neurotrophic tyrosine kinase, receptor, type 2
Onecut1	NM_022671	One cut homeobox 1
Pappa	XM_233037	Pregnancy-associated plasma protein A
Pard6a	NM_001003653	Par-6 (partitioning defective 6,) homolog alpha (C. elegans)
Pcp4	NM_013002	Purkinje cell protein 4
Pik3r1	NM_013005	Phosphoinositide-3-kinase, regulatory subunit 1 (alpha)
Plcb1	XM_342524	Phospholipase C, beta 1 (phosphoinositide-specific)
Plcd1	NM_017035	Phospholipase C, delta 1
Pou4f2	XM_344756	POU domain, class 4, transcription factor 2
Ppard	NM_013141	Peroxisome proliferator-activated receptor delta
Ppargc1a	NM_031347	Peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
18S rRNA	M11188.1	Positive PCR control
Prkca	XM_343975	Protein kinase C, alpha
Prkcb	NM_012713	Protein kinase C, beta
Prlr	NM_012630	Prolactin receptor
Ptgds	NM_013015	Prostaglandin D2 synthase (brain)
Ptger1	NM_013100	Prostaglandin E receptor 1 (subtype EP1)
Runx2	NM_346016	Runt related transcription factor 2
Sgk1	NM_019232	Serum/glucocorticoid regulated kinase 1
Slc27a1	NM_053580	Solute carrier family 27 (fatty acid transporter), member 1
Smad2	NM_019191	SMAD family member 2
Socs1	NM_145879	Suppressor of cytokine signaling 1
Sstr2	NM_019348	Somatostatin receptor 2
Sstr3	NM_133522	Somatostatin receptor 3
Stat5a	NM_017064	Signal transducer and activator of transcription 5A
Tgfbr1	NM_012775	Transforming growth factor, beta receptor 1
Tgm2	NM_019386	Transglutaminase 2, C polypeptide
Th	NM_012740	Tyrosine hydroxylase
Tp73	XM_342992	Tumor protein p73
Tubb6	NM_001025675	Tubulin, beta 6
Usf2	NM_031139	Upstream transcription factor 2
Gper	NM_171104	G-protein coupled receptor 30

Supplemental Table 1