

Table S1: List of genes differentially regulated in AdshPdx1-infected Min6 cells relative to AdshLuc-infected (dataset 1) or untreated (dataset 2) cells

Dataset 1: AdshPdx1 vs AdshLuc-infected Min6 cells

ELEMENT_ID	NAME	DESCRIPTION	FC	q-value(%)
14188509	Slc39a8	solute carrier family 39 (metal ion transporter), member 8	-3.02	0
14182673	2532		-2.34	0
14182061	Setd5	SET domain containing 5	-2.13	0
14178715	Plagl1	pleiomorphic adenoma gene-like 1	-1.98	0
14191070	Wfs1	Wolfram syndrome 1 homolog (human) monocyte to macrophage differentiation-associated 2	-1.92	0
14178004	Mmd2		-1.81	0
14192498	Plagl1	pleiomorphic adenoma gene-like 1 brain abundant, membrane attached	-1.78	0
14190945	Basp1	signal protein 1	-1.75	0
14183846	Hmgcs1	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1	-1.75	0
14181346	Gpd2	glycerol phosphate dehydrogenase 2, mitochondrial	-1.73	0
14183251	Iqgap2	IQ motif containing GTPase activating protein 2	-1.71	0
14187020	Kng1	kininogen 1	-1.68	0
14178800	Matr3	matrin 3	-1.65	0
14181652	Nnat	neuronatin	-1.65	0
14185872	Slc2a2	solute carrier family 2 (facilitated glucose transporter), member 2	-1.62	0
14191943	Bmpr1a	bone morphogenetic protein receptor, type 1A	-1.59	0
14186177	Cntrob	centrobin, centrosomal BRCA2 interacting protein	-1.58	0
14188049	Mafa	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein A (avian)	-1.57	0
14181667	7254		-1.56	0
14182695	Ero1lb	ERO1-like beta (S. cerevisiae)	-1.56	0
14180627	Calu; Wdr20a	calumenin; WD repeat domain 20a	-1.56	0
14180967	Mitf	microphthalmia-associated transcription factor	-1.56	0
14189575	Psmc4	proteasome (prosome, macropain) 26S subunit, non-ATPase, 4	-1.53	0
14192088	Ero1l	ERO1-like (S. cerevisiae)	-1.52	0
14185231	Cfl2	cofilin 2, muscle	-1.52	0
14190934	Rik	RIKEN cDNA 2610209M04 gene protein C; PAX interacting (with transcription-activation domain) protein 1	-1.52	0
14188181	Proc; Paxip1		-1.52	0
14189016	Epha1	Eph receptor A1	-1.51	0
14187738	Crelid2	cysteine-rich with EGF-like domains 2	-1.51	0
14189425	Ero1lb	ERO1-like beta (S. cerevisiae)	-1.50	0
14181627	Scd2	stearoyl-Coenzyme A desaturase 2	-1.50	0
14192389	Hipk2	homeodomain interacting protein kinase	-1.50	0

		2		
14179505	Gcnt1	glucosaminyl (N-acetyl) transferase 1, core 2	-1.50	0
14188311	Pax4	paired box gene 4	-1.49	0.94
	IMAGE=643			
14179896	4688		-1.49	0
14185878	Pdia4	protein disulfide isomerase associated 4	-1.49	0
14184417	Calu	calumenin	-1.48	0
	IMAGE=643			
14191721	0415		-1.48	0.94
14187622	Cbfb	core binding factor beta	-1.48	0
14185525	Calu	calumenin	-1.48	0
	IMAGE=643			
14185094	4504		-1.47	0
		immunoglobulin superfamily, member 4A		
14183308	Igsf4a		-1.47	0.94
14189328	Xlkd1	extra cellular link domain-containing 1	-1.46	0
14182504	Fst	follistatin	-1.46	0
		suppressor of zeste 12 homolog (Drosophila)		
14187465	Suz12		-1.46	0
14182327	Matr3	matrin 3	-1.46	0
14185807	2-Sep	septin 2	-1.46	0
		protein kinase, cAMP dependent regulatory, type II alpha		
14189004	Prkar2a		-1.45	0
	0610007P14			
14189383	Rik	RIKEN cDNA 0610007P14 gene	-1.44	0
14183415	G6pc2	glucose-6-phosphatase, catalytic, 2	-1.44	0.94
14191041	Cfl2	cofilin 2, muscle	-1.44	0
		pleckstrin homology domain containing, family J member 1		
14182672	Plekhj1		-1.44	0
14191236	Vrk1	vaccinia related kinase 1	-1.43	0.94
		DnaJ (Hsp40) homolog, subfamily C, member 10		
14178884	Dnajc10		-1.43	0
	2610209M04			
14190410	Rik	RIKEN cDNA 2610209M04 gene	-1.43	0
14179072	Cul3	cullin 3	-1.43	0
14178910	Unknown		-1.43	0.51
	COX1;	cytochrome c oxidase subunit I;		
14183525	COX2	cytochrome c oxidase subunit II	-1.43	0.51
14192470	BC013481	cDNA sequence BC013481	-1.42	0
14188347	Oat	ornithine aminotransferase	-1.42	0
14188028	Cul3	cullin 3	-1.41	0.94
14182206	Purb	purine rich element binding protein B low density lipoprotein receptor-related protein 2	-1.41	2.07
14186474	Lrp2		-1.41	0.94
		signal peptidase complex subunit 3 homolog (S. cerevisiae)		
14182858	Spcs3		-1.41	2.07
14180481	Cggbp1	CGG triplet repeat binding protein 1	-1.41	0
14191133	Cbfb	core binding factor beta	-1.41	0
14184654	Prss2	protease, serine, 2	-1.41	0
		CUG triplet repeat, RNA binding protein 2		
14190854	Cugbp2		-1.40	0.51
		serine (or cysteine) peptidase inhibitor, clade E, member 2		
14182553	Serpine2		-1.40	0.94
		ash1 (absent, small, or homeotic)-like (Drosophila)		
14185849	Ash1l		-1.40	0.51
	COX1;	cytochrome c oxidase subunit I;		
14191435	COX2	cytochrome c oxidase subunit II	-1.40	5.04

14188850	Caskin2	cask-interacting protein 2 Rho guanine nucleotide exchange	1.40	0.74
14183638	Arhgef19	factor (GEF) 19	1.41	2.6
14187726	Adfp	adipose differentiation related protein	1.42	0.74
14186581	Gcg	glucagon S100 calcium binding protein A6	1.43	4.17
14186851	S100a6	(calcyclin) ectonucleotide	1.43	0.74
14178130	Enpp5	pyrophosphatase/phosphodiesterase 5 S100 calcium binding protein A6	1.43	0.74
14178578	S100a6	(calcyclin)	1.43	2.6
14180042		GENBANK=CF622970	1.44	0.74
14179424	Fhl2	four and a half LIM domains 2 transformation related protein 53	1.45	0.74
14189600	Trp53inp1	inducible nuclear protein 1 nuclear receptor subfamily 4, group A,	1.46	0.51
14178519	Nr4a1	member 1	1.46	0.51
14190571	Gcg	glucagon	1.46	0.74
14185326	Pgam1	phosphoglycerate mutase 1	1.47	0
14187150	Gpx2	glutathione peroxidase 2	1.47	0.51
14184007	Fhl1	four and a half LIM domains 1	1.48	0.74
14182491	Rpl17	ribosomal protein L17	1.48	0.74
14185290	Plk2	polo-like kinase 2 (Drosophila)	1.49	0.51
14190331	Gstt1	glutathione S-transferase, theta 1 G protein-coupled receptor, family C,	1.49	0.51
14189995	Gprc5c	group 5, member C	1.50	0.51
14182878	Lrpprc	leucine-rich PPR-motif containing	1.51	0.51
14186891	Arhgap6	Rho GTPase activating protein 6	1.51	0.51
14178793	Mir16	membrane interacting protein of RGS16	1.51	0.51
14183027	Cd9	CD9 antigen dehydrogenase/reductase (SDR family)	1.52	0
14191231	Dhrs3	member 3 hydroxyacyl-Coenzyme A	1.52	0.74
14183693	Hadh; Ddx23	dehydrogenase; DEAD (Asp-Glu-Ala- Asp) box polypeptide 23	1.55	0
14184921	Serpina1c	serine (or cysteine) peptidase inhibitor, clade A, member 1c cyclin-dependent kinase inhibitor 1A	1.62	0
14188851	Cdkn1a	(P21)	1.66	0
14192209	Ppy	pancreatic polypeptide	1.67	0
14192234	Tspan8	tetraspanin 8	1.70	0
14189191	Serpina1c	serine (or cysteine) peptidase inhibitor, clade A, member 1c	1.74	0

Dataset 2: AdshPdx1 vs uninfected Min6 cells

ELEMENT_ID	NAME	DESCRIPTION	FC	q-value (%)
14188509	Slc39a8	solute carrier family 39 (metal ion transporter), member 8	-2.59	0
14182061	Setd5	SET domain containing 5	-2.42	0
14182673	IMAGE=56 82532		-2.37	0
14188555	Dusp3	dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related)	-2.05	0
14191070	Wfs1	Wolfram syndrome 1 homolog (human)	-2.05	0
14190349	Capg; Spp1	capping protein (actin filament), gelsolin-like; secreted phosphoprotein 1	-1.91	0
14189825	Cldn4	claudin 4	-1.91	0
14183846	Hmgcs1	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 monocyte to macrophage	-1.91	0
14178004	Mmd2	differentiation-associated 2	-1.87	0
14184774	Ero1l	ERO1-like (S. cerevisiae)	-1.84	0
14188181	Proc; Paxip1	protein C; PAX interacting (with transcription-activation domain) protein 1	-1.77	0
14182327	Matr3	matrin 3	-1.77	0
14181627	Scd2	stearoyl-Coenzyme A desaturase 2	-1.74	1
14184224	Tcf21	transcription factor 21	-1.73	0
14182387	Spp1	secreted phosphoprotein 1	-1.73	0
14183415	G6pc2	glucose-6-phosphatase, catalytic, 2	-1.72	0
14178715	Plagl1	pleiomorphic adenoma gene-like 1	-1.71	0
14183647	Spp1	secreted phosphoprotein 1	-1.70	0
14186073	IMAGE=56 82925 2210010C		-1.68	0
14185342	04Rik	RIKEN cDNA 2210010C04 gene	-1.68	0
14191721	30415		-1.67	0
14182695	Ero1lb	ERO1-like beta (S. cerevisiae)	-1.67	0
14180283	08Rik	RIKEN cDNA 2900001G08 gene	-1.65	0
14180134	Ctrb1	chymotrypsinogen B1	-1.65	0
14192088	Ero1l	ERO1-like (S. cerevisiae)	-1.64	0
14184590	D1Ertd471 e	DNA segment, Chr 1, ERATO Doi 471, expressed	-1.62	0
14191536	Ero1l	ERO1-like (S. cerevisiae)	-1.62	0
14180383	Susd2	sushi domain containing 2	-1.62	0
14182669	Actg1	actin, gamma, cytoplasmic 1	-1.61	0
14189383	0610007P 14Rik	RIKEN cDNA 0610007P14 gene	-1.60	0
14185094	IMAGE=64		-1.58	0

14185283	34504 Cd164	CD164 antigen	-1.58	0
14192230	Hspa5	heat shock 70kD protein 5 (glucose-regulated protein)	-1.58	0
14179129	Trpm8	transient receptor potential cation channel, subfamily M, member 8	-1.57	0
14185872	Slc2a2	solute carrier family 2 (facilitated glucose transporter), member 2	-1.56	0
14185219	Spp1;	secreted phosphoprotein 1; golgi	-1.56	0
14192498	Golph4	phosphoprotein 4	-1.56	0
14189425	Plagl1	pleiomorphic adenoma gene-like 1	-1.56	0
14184251	Ero1lb	ERO1-like beta (<i>S. cerevisiae</i>)	-1.56	0
14184251	Slc1a4	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	-1.54	0
14190188	Tmed10	transmembrane emp24-like trafficking protein 10 (yeast)	-1.54	0
14192389	Hipk2	homeodomain interacting protein kinase 2	-1.54	0
14180967	Mitf	microphthalmia-associated transcription factor	-1.54	0
14179896	IMAGE=64 34688		-1.54	0
14178948	Ero1l	ERO1-like (<i>S. cerevisiae</i>)	-1.53	0
14181870	Trib3	tribbles homolog 3 (<i>Drosophila</i>)	-1.53	0
14191174	Cel	carboxyl ester lipase	-1.53	0
14180285	IMAGE=46 6628		-1.53	0
14192470	BC013481	cDNA sequence BC013481	-1.53	0
14181578	Mc3r	melanocortin 3 receptor	-1.53	0
14189016	Epha1	Eph receptor A1	-1.52	0
14190238	Tfpi	tissue factor pathway inhibitor	-1.52	0
14179072	Cul3	cullin 3	-1.52	0
14182239	Cdc34	cell division cycle 34 homolog (<i>S.</i> <i>cerevisiae</i>)	-1.52	0
14181898	Hyou1	hypoxia up-regulated 1	-1.52	0
14187407	Ela2a	elastase 2A	-1.51	0
14182544	IMAGE=64 30417		-1.50	1
14182032	Pdia6	protein disulfide isomerase associated 6	-1.50	1
14186474	Lrp2	low density lipoprotein receptor- related protein 2	-1.50	0
14179868	Cdh1	cadherin 1	-1.50	0
14187648	Tacc1	transforming, acidic coiled-coil containing protein 1	-1.50	0
14184502	Asns	asparagine synthetase	-1.49	0
14192565	BC013481	cDNA sequence BC013481	-1.49	0
14188049	Mafa	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein A (avian)	-1.49	0
14182858	Spcs3	signal peptidase complex subunit 3 homolog (<i>S. cerevisiae</i>)	-1.49	0
14184000	Bmi1	B lymphoma Mo-MLV insertion region 1	-1.49	0

14185607	Ppgb	protective protein for beta-galactosidase	-1.49	0
14183251	Iqgap2	IQ motif containing GTPase activating protein 2	-1.49	0
14186769	Tram1	translocating chain-associating membrane protein 1	-1.49	0
14181652	Nnat	neuronatin	-1.47	0
14185231	Cfl2	cofilin 2, muscle	-1.47	0
14189834	Aldh18a1	aldehyde dehydrogenase 18 family, member A1	-1.47	0
14185220	Dlk1; Phgdh	delta-like 1 homolog (Drosophila); 3-phosphoglycerate dehydrogenase	-1.47	0
14181346	Gpd2	glycerol phosphate dehydrogenase 2, mitochondrial	-1.47	0
14181192	Fads1	fatty acid desaturase 1	-1.46	0
14188311	Pax4	paired box gene 4	-1.46	1
14190348	Hnrpf	heterogeneous nuclear ribonucleoprotein F	-1.46	0
14189555	Atp7a	ATPase, Cu ⁺⁺ transporting, alpha polypeptide	-1.46	0
14190098	Insig2	insulin induced gene 2	-1.46	0
14187738	Creld2	cysteine-rich with EGF-like domains 2	-1.46	0
14179454	Pdia6	protein disulfide isomerase associated 6	-1.46	0
14191953	Rtn3	reticulum 3	-1.45	0
14187034	Camk2d	calcium/calmodulin-dependent protein kinase II, delta	-1.45	0
14189004	Prkar2a	protein kinase, cAMP dependent regulatory, type II alpha	-1.45	0
14182504	Fst	follistatin	-1.45	0
14181579	Onecut2	one cut domain, family member 2	-1.45	1
14182959	Cpe	carboxypeptidase E	-1.45	1
14192173	3Rik	2610002F0	-1.45	0
14179606	Ankrd57	RIKEN cDNA 2610002F03 gene ankyrin repeat domain 57	-1.45	0
14189575	Psm4	proteasome (prosome, macropain) 26S subunit, non-ATPase, 4	-1.45	0
14191943	Bmpr1a	bone morphogenetic protein receptor, type 1A	-1.45	0
14178190	Scd1	stearoyl-Coenzyme A desaturase 1	-1.44	0
14185189	Mcf2	multiple coagulation factor deficiency 2	-1.44	0
14187596	Scd2	stearoyl-Coenzyme A desaturase 2	-1.44	0
14182649	Ncam1	neural cell adhesion molecule 1	-1.44	0
14183845	Gphn	gephyrin	-1.44	0
14182527	Arnt2	aryl hydrocarbon receptor nuclear translocator 2	-1.44	0
14182935	Cox7a2l	cytochrome c oxidase subunit VIIa polypeptide 2-like	-1.44	0
14187414	Dhrs7	dehydrogenase/reductase (SDR family) member 7	-1.44	0

14185045	Edem3	ER degradation enhancer, mannosidase alpha-like 3	-1.43	0
14181715	H19	H19 fetal liver mRNA	-1.43	0
14185451	Entpd4	ectonucleoside triphosphate diphosphohydrolase 4 centrobin, centrosomal BRCA2	-1.43	0
14186177	Cntrob	interacting protein	-1.43	0
14178517	Sox15	SRY-box containing gene 15	-1.43	1
14190776	30091		-1.43	0
14180065	Vdp	vesicle docking protein	-1.43	0
14186524	3Rik	RIKEN cDNA D330050I23 gene	-1.42	0
14190759	Pax7	paired box gene 7	-1.42	1
14190381	08Rik	RIKEN cDNA 2610020O08 gene	-1.42	0
14186571	Txndc1	thioredoxin domain containing 1	-1.42	0
14181554	3Rik	RIKEN cDNA D330050I23 gene 3-phosphoglycerate	-1.42	1
14179711	Phgdh	dehydrogenase	-1.42	0
14180784	Nucb2	nucleobindin 2	-1.41	1
14189452	Tbc1d10b	TBC1 domain family, member 10b	-1.41	1
14186560	Ctrb1	chymotrypsinogen B1	-1.41	1
14191041	Cfl2	cofilin 2, muscle	-1.41	0
14184696	Igf1r	insulin-like growth factor I receptor	-1.41	0
14183763	Lman1	lectin, mannose-binding, 1	-1.41	0
14190079	Col6a3	procollagen, type VI, alpha 3	-1.41	0
14184882	Ccnd2	cyclin D2	-1.41	0
14182983	AW549877 ; Opa1	expressed sequence AW549877; optic atrophy 1 homolog (human)	-1.41	0
14180966	Irs2	insulin receptor substrate 2	-1.41	1
14186795	Eif3s5	eukaryotic translation initiation factor 3, subunit 5 (epsilon) ATP-binding cassette, sub-family A	-1.41	2
14189299	Abca5	(ABC1), member 5	-1.40	0
14188255	Tjp1	tight junction protein 1	-1.40	0
14184482	D130073L 02Rik	RIKEN cDNA D130073L02 gene multiple coagulation factor	-1.40	0
14189887	Mcf2	deficiency 2	-1.40	0
14178172	Fzd7	frizzled homolog 7 (Drosophila) acylphosphatase 1, erythrocyte	-1.40	0
14189584	Acyp1	(common) type	1.40	0
14182326	Aurkb	aurora kinase B low density lipoprotein receptor- related protein 6	1.40	1
14180484	Lrp6		1.40	0
14188993	Cotl1	coactosin-like 1 (Dictyostelium)	1.40	0
14190571	Gcg	glucagon	1.40	0
14189972	C130032J 12Rik	RIKEN cDNA C130032J12 gene	1.41	0
14181595	Rps25	ribosomal protein S25 myosin, light polypeptide 6, alkali,	1.41	0
14188158	Myl6	smooth muscle and non-muscle	1.41	1
14182491	Rpl17	ribosomal protein L17	1.41	0

14190890	Ppp1r16b	protein phosphatase 1, regulatory (inhibitor) subunit 16B expressed in non-metastatic cells	1.41	0
14180612	Nme3	3	1.41	0
14183795	Sulf2	sulfatase 2	1.41	0
14188939	Hba-a1	hemoglobin alpha, adult chain 1	1.41	0
	IMAGE=56			
14183313	78567		1.41	0
14183811	Def8	differentially expressed in FDCP 8	1.42	0
14188805	Atxn1	ataxin 1	1.42	0
14192351	Try4	trypsin 4	1.42	0
		MAP/microtubule affinity-regulating		
14180461	Mark2	kinase 2	1.42	0
14191234	Stx8	syntaxin 8	1.42	0
14191453	Pgf	placental growth factor	1.42	0
	C030019F			
14189418	02Rik	RIKEN cDNA C030019F02 gene	1.42	0
14188625	Limd2	LIM domain containing 2 adenine phosphoribosyl	1.43	0
14179231	Aprt	transferase	1.43	0
14186581	Gcg	glucagon	1.43	0
	2310040A			
14190058	07Rik	RIKEN cDNA 2310040A07 gene	1.43	1
14184520	Unc84a	unc-84 homolog A (C. elegans) suppressor of Ty 4 homolog 1 (S. cerevisiae)	1.43	0
14189800	Supt4h1		1.43	0
	2900057K			
14182830	09Rik	RIKEN cDNA 2900057K09 gene	1.43	0
	1200004M			
14181014	23Rik	RIKEN cDNA 1200004M23 gene	1.43	0
	A630055G			
14186641	03Rik	RIKEN cDNA A630055G03 gene	1.44	0
14185536	Id3	inhibitor of DNA binding 3	1.44	0
14181845	Mirg	miRNA containing gene hydroxyacyl-Coenzyme A	1.44	0
14191697	Hadh	dehydrogenase	1.44	0
14190580	Sost	sclerostin	1.44	0
		proteasome (prosome, macropain)		
14189942	Psme1	28 subunit, alpha	1.44	0
	2010107E			
14179176	04Rik	RIKEN cDNA 2010107E04 gene	1.44	0
14188668	Ccne1	cyclin E1	1.44	0
	2810433D			
14182628	01Rik	RIKEN cDNA 2810433D01 gene	1.44	0
14179424	Fhl2	four and a half LIM domains 2	1.45	0
	IMAGE=64			
14191791	33529		1.45	0
14180635	Casp7	caspase 7	1.45	0
14184775	Tbc1d8	TBC1 domain family, member 8	1.45	0
		translocase of outer mitochondrial		
14178036	Tomm40	membrane 40 homolog (yeast) low density lipoprotein receptor-	1.45	0
		related protein 6		
14191580	Lrp6	ectonucleotide	1.45	0
14178130	Enpp5	pyrophosphatase/phosphodiesterase	1.46	0

		se 5		
		G protein-coupled receptor, family		
14189995	Gprc5c	C, group 5, member C	1.46	0
14191942	Ak1	adenylate kinase 1	1.46	0
14188270	Casp6	caspase 6	1.46	0
14192561	Cald1	caldesmon 1	1.46	0
14190219	Gc	group specific component	1.46	0
	IMAGE=64			
14190335	35887		1.47	0
		solute carrier family 40 (iron-		
14180611	Slc40a1	regulated transporter), member 1	1.47	0
		interferon induced transmembrane		
14186421	Ifitm2	protein 2	1.47	0
14182049	Myo9a	myosin IXa	1.47	0
14187150	Gpx2	glutathione peroxidase 2	1.47	0
		guanine nucleotide binding protein,		
14191044	Gnao1	alpha o	1.47	0
		ATPase, H+ transporting,		
14189137	Atp6v0e	lysosomal V0 subunit E	1.48	0
14185551	Gata4	GATA binding protein 4	1.48	0
14185788	Sez6	seizure related gene 6	1.48	0
		transmembrane BAX inhibitor motif		
14184397	Tmbim4	containing 4	1.48	0
14184007	Fhl1	four and a half LIM domains 1	1.48	0
		S100 calcium binding protein A6		
14186851	S100a6	(calcyclin)	1.48	0
		Rho guanine nucleotide exchange		
14183638	Arhgef19	factor (GEF) 19	1.48	0
	D11Erttd73	DNA segment, Chr 11, ERATO Doi		
14184280	0e	730, expressed	1.49	2
		interferon stimulated exonuclease		
14190209	Isg20l1	gene 20-like 1	1.49	0
	IMAGE=64			
14181402	36423		1.49	0
14178977	Arrdc3	arrestin domain containing 3	1.49	0
	IMAGE=64			
14187749	31902		1.49	0
		hydroxyacyl-Coenzyme A		
		dehydrogenase; solute carrier		
		family 39 (metal ion transporter),		
14190425	Slc39a5	member 5	1.49	0
14191449	Nelf	nasal embryonic LHRH factor	1.50	0
14185075	Casp6	caspase 6	1.50	0
14187936	Rdh16	retinol dehydrogenase 16	1.51	0
		biogenesis of lysosome-related		
14192246	Bloc1s1	organelles complex-1, subunit 1	1.51	0
14188904	Ccng1	cyclin G1	1.51	0
	IMAGE=59			
14186071	39110		1.51	0
14187862	Pcnx	pecanex homolog (Drosophila)	1.51	0
14179149	Gcg	glucagon	1.52	0
		cytidine and dCMP deaminase		
14188786	Cdadc1	domain containing 1	1.52	0
14189734	Mt2	metallothionein 2	1.52	0
14185739	IMAGE=64		1.52	0

	36221	adenine phosphoribosyl transferase	1.52	0
14185795	Aprt			
14179765	Mirg	miRNA containing gene	1.52	0
		neural precursor cell expressed, developmentally down-regulated gene 4; similar to neural precursor cell expressed, developmentally down-regulated 4 isoform 2		
	Nedd4; LOC63939			
14182381	6		1.53	0
14178443	Id2	inhibitor of DNA binding 2	1.53	0
14179493	Bex1	brain expressed gene 1	1.53	0
		solute carrier family 29 (nucleoside transporters), member 1		
14183000	Slc29a1		1.53	0
14191698	Mirg	miRNA containing gene	1.54	0
14177910	Prdx4	peroxiredoxin 4	1.54	1
		solute carrier family 29 (nucleoside transporters), member 1		
14183645	Slc29a1		1.54	0
		NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3		
14189612	Ndufa3		1.54	0
	IMAGE=64			
14185719	36125	interferon induced transmembrane protein 2	1.55	0
14192082	Ifitm2		1.55	0
14186491	Ddc	dopa decarboxylase	1.56	0
14187963	Crip2	cysteine rich protein 2	1.56	0
	2410015N			
14186083	17Rik	RIKEN cDNA 2410015N17 gene hydroxyacyl-Coenzyme A dehydrogenase; DEAD (Asp-Glu-Ala-Asp) box polypeptide 23	1.56	0
14183693	Hadh; Ddx23		1.56	0
	Myo9a; C130068I1			
14180852	2Rik	myosin IXa; RIKEN cDNA C130068I12 gene	1.56	0
		adipose differentiation related protein		
14187726	Adfp		1.57	0
		dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex)		
14190060	Dlat		1.57	0
14188557	Litaf	LPS-induced TN factor	1.57	0
14179599	Ttc9c	tetratricopeptide repeat domain 9C	1.58	0
14191370	Nanog	Nanog homeobox	1.58	0
14182878	Lrpprc	leucine-rich PPR-motif containing guanine nucleotide binding protein (G protein), gamma 5 subunit	1.59	0
14186548	Gng5		1.60	0
14192352	Bax	Bcl2-associated X protein	1.61	0
		ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast)		
14178879	Ube2d3		1.61	0
14179691	Ddc	dopa decarboxylase	1.62	0
14190522	Mt2	metallothionein 2	1.62	0
		serine (or cysteine) peptidase inhibitor, clade A, member 1c		
14184921	Serpina1c		1.64	0
14192234	Tspan8	tetraspanin 8	1.68	0
14180630	Nqo1	NAD(P)H dehydrogenase, quinone	1.69	0

14180042		GENBANK=CF622970	1.70	0
14185326	Pgam1	phosphoglycerate mutase 1	1.73	0
14185312	Litaf	LPS-induced TN factor	1.78	0
14178519	Nr4a1	nuclear receptor subfamily 4, group A, member 1	1.83	0
14187439	Fcgbp	Fc fragment of IgG binding protein	1.83	0
14181544	Id2	inhibitor of DNA binding 2	1.84	0
14192209	Ppy	pancreatic polypeptide	1.87	0
14188850	Caskin2	cask-interacting protein 2	1.87	0
14189191	Serpina1c	serine (or cysteine) peptidase inhibitor, clade A, member 1c	1.88	0
14183027	Cd9	CD9 antigen	1.90	0
14188317	Id1	inhibitor of DNA binding 1	1.91	0
14184078	Id1	inhibitor of DNA binding 1	2.12	0
14189600	Trp53inp1	transformation related protein 53 inducible nuclear protein 1 heterogeneous nuclear	2.27	0
14184361	Hnrpm	ribonucleoprotein M	2.40	0
14185290	Plk2	polo-like kinase 2 (Drosophila)	2.50	0
14188851	Cdkn1a	cyclin-dependent kinase inhibitor 1A (P21)	2.87	0