

Supplemental Table 1. 3T3-L1 preadipocytes were differentiated in the presence of DMSO or Tro. At 6 days after differentiation, RNA was isolated and microarray analysis was performed. The core genes for enrichment of Gene Ontology terms associated with the regulation of lipid metabolism (A) and apoptotic process (B) were selected from the identified genes that were activated (>2-fold) after treatment with Tro.

GO:apoptotic process			GO: lipid metabolism		
symbol	description	Enterz_id	symbol	description	Enterz_id
Cidec	cell death-inducing DFFA-like effector c	14311	Hadhb	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit	231086
Cycc	cytochrome c, somatic	13063	Pnpla8	patatin-like phospholipase domain containing 8	67452
Aimp1	aminoacyl tRNA synthetase complex-interacting multifunctional protein 1	13722	Ephx2	epoxide hydrolase 2, cytoplasmic	13850
Pdcd10	programmed cell death 10	56426	Agpat3	1-acylglycerol-3-phosphate O-acyltransferase 3	28169
C1d	C1D nuclear receptor co-repressor	57316	Acaa2	acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase)	52538
Mull1	mitochondrial ubiquitin ligase activator of NFKB 1	68350	Fabp5	fatty acid binding protein 5, epidermal	16592
Cited1	Cbp/p300-interacting transactivator with Glu/Asp-rich carboxy-terminal domain 1	12705	Crls1	cardiolipin synthase 1	66586
Rabep1	rabaptin, RAB GTPase binding effector protein 1	54189	Acsl3	acyl-CoA synthetase long-chain family member 3	74205
Dlc1	deleted in liver cancer 1	50768	Napepld	N-acyl phosphatidylethanolamine phospholipase D	242864
Itch	itchy, E3 ubiquitin protein ligase	16396	4932438A13Rik	RIKEN cDNA 4932438A13 gene	229227
Tigar	Trp53 induced glycolysis regulatory phosphatase	319801	Acsbg1	acyl-CoA synthetase bubblegum family member 1	94180
Rassf6	Ras association (RalGDS/AF-6) domain family member 6	73246	Prkab2	protein kinase, AMP-activated, beta 2 non-catalytic subunit	108097
Tgfbri	transforming growth factor, beta receptor I	21812	Abhd3	abhydrolase domain containing 3	106861
Rnf144b	ring finger protein 144B	218215	Ces1d	carboxylesterase 1D	104158
Cidea	cell death-inducing DNA fragmentation factor, alpha subunit-like effector A	12683	Acaa1b	acetyl-Coenzyme A acyltransferase 1B	235674
Xiap	X-linked inhibitor of apoptosis	11798	Pck1	phosphoenolpyruvate carboxykinase 1, cytosolic	18534
Tchp	trichoplein, keratin filament binding	77832	Cidea	cell death-inducing DNA fragmentation factor, alpha subunit-like effector A	12683
Ifng	interferon gamma	15978	Ppara	peroxisome proliferator activated receptor alpha	19013
Itpr1	inositol 1,4,5-trisphosphate receptor 1	16438	Apoc2	apolipoprotein C-II	11813
Ep300	E1A binding protein p300	170915	Awat2	acyl-CoA wax alcohol acyltransferase 2	245532
Pak7	p21 protein (Cdc42/Rac)-activated kinase 7	241656	Acer2	alkaline ceramidase 2	230379
Zfp369	zinc finger protein 369	170936	Elov13	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 3	12686
Ern1	endoplasmic reticulum (ER) to nucleus signalling 1	78943	Lipg	lipase, endothelial	16891
Tnfsf10	tumor necrosis factor (ligand) superfamily, member 10	22035	Soat2	sterol O-acyltransferase 2	223920
Bcl2l14	BCL2-like 14 (apoptosis facilitator)	66813	Trpv1	transient receptor potential cation channel, subfamily V, member 1	193034
			Ugt8a	UDP galactosyltransferase 8A	22239
			Lcn5	lipocalin 5	13863
			Gpat2	glycerol-3-phosphate acyltransferase 2, mitochondrial	215456
			Aspg	asparaginase	104816