

Supplementary Table S1. Genes differentially regulated in pericytes in response to control, normal and modified LDL treatments.

No.	Gene <sup>1</sup>	Affymetrix Probe Set ID	Accession No.	LocusLink	Average Expression Intensities					FC <sup>3</sup> : N-LDL v SFM	FC <sup>3</sup> : HOG-LDL v SFM	FC <sup>3</sup> : HOG-LDL v N-LDL	N-LDL regulated <sup>4</sup>	HOG Distinct <sup>5</sup>
					(-)24h <sup>2</sup>	SFM <sup>2</sup>	N-LDL <sup>2</sup>	G-LDL <sup>2</sup>	HOG-LDL <sup>2</sup>					
1	ATP-binding cassette, sub-family A (ABC1), member 6	35389_s_at	U66680	23460	18.4	44.9	41.9	37.7	22.0	-1.07	-2.04	-1.90		**
2	selenoprotein P, plasma, 1	34363_at	Z11793	6414	28.4	59.0	28.8	36.6	26.0	-2.05	-2.26	-1.10	-	
3	complement component 7	37394_at	J03507	730	240.7	1061.3	961.8	997.9	943.8	-1.10	-1.12	-1.02		
4	ATP-binding cassette, sub-family A (ABC1), member 8	35717_at	AB020629	10351	34.9	85.7	49.2	58.2	32.0	-1.74	-2.68	-1.54	-	
5	tumor necrosis factor (ligand) superfamily, member 10	1715_at	U37518	8743	14.1	31.0	17.4	21.6	12.3	-1.78	-2.52	-1.41	-	
6	D component of complement (adipsin)	40282_s_at	M84526	1675	173.3	515.8	393.6	405.1	311.4	-1.31	-1.66	-1.26		
7	thioredoxin interacting protein	31508_at	S73591	10628	782.6	1616.2	800.5	882.4	454.2	-2.02	-3.56	-1.76	-	**
8	metallothionein 1H	39594_f_at	R93527	4496	4657.4	3959.3	2173.6	2237.7	1323.1	-1.82	-2.99	-1.64	-	
9	metallothionein-If	31622_f_at	M10943		4751.3	4305.5	2719.9	2665.4	1807.4	-1.58	-2.38	-1.50		
10	metallothionein-I-A	31623_f_at	K01383		5367.3	4639.2	2958.1	3040.7	1973.1	-1.57	-2.35	-1.50		
11	RNA helicase-related protein	41446_f_at	H68340	11325	4797.4	4184.2	2488.0	2481.7	1456.7	-1.68	-2.87	-1.71		**
12	angiopoietin 1	1929_at	U83508	284	259.9	523.9	264.6	271.8	296.0	-1.98	-1.77	1.12	-	
13	plasminogen activator, urokinase	37310_at	X02419	5328	285.6	605.1	165.5	192.5	226.1	-3.66	-2.68	1.37	-	
14	matrilin 2	32239_at	U69263	4147	35.8	109.6	42.2	46.7	51.4	-2.60	-2.13	1.22	-	
15	fibulin 5	39038_at	AF093118	10516	127.7	356.5	160.9	157.1	182.1	-2.22	-1.96	1.13	-	
16	glycoprotein (transmembrane) nmb	38379_at	X76534	10457	34.3	198.3	79.6	73.1	86.9	-2.49	-2.28	1.09	-	
17	adenosine deaminase, RNA-specific, B1	38748_at	U76421	104	123.8	116.0	58.6	55.0	65.9	-1.98	-1.76	1.12	-	
18	farnesyl diphosphate synthase	37325_at	D14697	2224	293.6	446.4	186.0	169.0	221.2	-2.40	-2.02	1.19	-	
19	extracellular matrix protein 2, female organ and adipocyte specific	39673_i_at	AB011792	1842	73.3	196.7	102.7	104.6	119.9	-1.92	-1.64	1.17	-	
20	chromosome 14 open reading frame 1	39773_at	W28235	11161	108.1	156.9	70.6	69.4	84.4	-2.22	-1.86	1.20	-	
21	acetyl-Coenzyme A acetyltransferase 2 (acetoacetyl Coenzyme A thiolase)	34790_at	S70154	39	99.7	166.4	48.8	47.7	68.3	-3.41	-2.44	1.40	-	
22	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2	38583_at	Y15014	8707	41.3	60.1	19.7	19.4	33.4	-3.05	-1.80	1.69	-	
23	isopentenyl-diphosphate delta isomerase	36985_at	X17025	3422	511.1	768.6	250.8	242.7	426.6	-3.07	-1.80	1.70	-	**
24	sterol-C4-methyl oxidase-like	33369_at	AI535653	6307	222.4	404.0	83.9	76.4	165.4	-4.82	-2.44	1.97	-	**

25	SPARC-like 1 (mast9, hevyn)	36627_at	X86693	8404	11.8	42.8	20.7	20.5	26.5	-2.07	-1.61	1.28	-	
26	tropomyosin 1 (alpha)	36791_g_at	M19267	7168	781.7	600.0	313.0	325.2	391.2	-1.92	-1.53	1.25	-	
27	reversion-inducing-cysteine-rich protein with kazal motifs	35234_at	D50406	8434	188.7	367.7	169.0	172.3	213.5	-2.18	-1.72	1.26	-	
28	KIAA1095 protein	33240_at	AB029018	23024	25.4	94.3	28.0	28.3	43.1	-3.37	-2.19	1.54	-	
29	Ras and Rab interactor 2	36550_at	AL049538	54453	97.3	166.5	75.0	81.9	71.6	-2.22	-2.33	-1.05	-	
30	cathepsin K (pyncnodysostosis)	38466_at	X82153	1513	65.8	140.3	68.9	77.4	66.7	-2.04	-2.10	-1.03	-	
31	osteomodulin	41031_at	AB000114	4958	23.9	81.0	40.6	45.1	38.6	-2.00	-2.10	-1.05	-	
32	phosphoinositide-3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)	1269_at	M61906	5295	77.9	142.7	68.5	76.5	65.3	-2.08	-2.19	-1.05	-	
33	inhibin, beta B (activin AB beta polypeptide)	38545_at	M31682	3625	35.4	74.3	40.5	43.9	38.8	-1.84	-1.91	-1.04	-	
34	p53-induced protein	36136_at	AF010315	9537	109.7	205.1	102.5	102.4	95.4	-2.00	-2.15	-1.07	-	
35	laminin, alpha 2 (merosin, congenital muscular dystrophy)	36917_at	Z26653	3908	53.6	140.0	68.3	68.2	64.6	-2.05	-2.17	-1.06	-	
36	Arg/Abl-interacting protein ArgBP2	39295_s_at	AF049884	8470	84.4	191.3	67.7	75.6	77.7	-2.82	-2.46	1.15	-	
37	pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1)	34820_at	M57399	5764	111.5	357.1	181.4	187.1	185.9	-1.97	-1.92	1.02	-	
38	platelet-derived growth factor receptor, beta polypeptide	36993_at	M33210	5159	455.9	1222.0	615.1	651.6	634.4	-1.99	-1.93	1.03	-	
39	delta sleep inducing peptide, immunoreactor	36629_at	AI635895	1831	209.0	821.6	185.3	239.0	193.7	-4.43	-4.24	1.05	-	
40	P311 protein	39710_at	U30521	9315	266.5	345.8	151.4	163.3	152.8	-2.28	-2.26	1.01	-	
41	dystrophin (muscular dystrophy, Duchenne and Becker types)	40488_at	M18533	1756	36.7	127.0	31.0	34.9	30.0	-4.09	-4.23	-1.03	-	
42	24-dehydrocholesterol reductase	36658_at	D13643	1718	423.7	594.8	279.8	285.0	293.6	-2.13	-2.03	1.05	-	
43	inositol 1,4,5-triphosphate receptor, type 1	32778_at	D26070	3708	31.5	116.7	48.7	47.4	48.4	-2.40	-2.41	-1.01	-	
44	prolactin-induced protein	41094_at	Y10179	5304	442.2	1620.5	1228.8	1167.1	1137.8	-1.32	-1.42	-1.08	-	
45	metallothionein I-B	609_f_at	M13485		4431.3	3975.9	2016.8	1972.9	1184.4	-1.97	-3.36	-1.70	-	**
46	complement component 1, s subcomponent	40496_at	J04080	716	256.4	777.8	534.1	546.8	458.4	-1.46	-1.70	-1.17	-	
47	plasminogen activator, tissue	33452_at	M15518	5327	1532.5	1260.7	662.5	656.2	463.1	-1.90	-2.72	-1.43	-	
48	KIAA0022 gene product	34760_at	D14664	9936	91.3	283.0	146.4	152.8	126.4	-1.93	-2.24	-1.16	-	
49	phosphoinositide-3-kinase, regulatory subunit, polypeptide 3 (p55, gamma)	37961_at	U90907	8503	78.0	219.2	101.9	106.0	79.9	-2.15	-2.74	-1.27	-	
50	metallothionein 1E	36130_f_at	R92331		5331.6	4474.1	1597.5	1630.9	1052.0	-2.80	-4.25	-1.52	-	
51	acid sphingomyelinase-like phosphodiesterase	39950_at	Y08136	10924	61.9	190.3	115.0	123.4	99.3	-1.66	-1.92	-1.16	-	

52	apolipoprotein D	36681_at	J02611	347	185.7	1609.7	926.2	1016.8	813.8	-1.74	-1.98	-1.14	-
53	keratin 19	40899_at	Y00503	3880	728.0	287.8	286.8	280.1	288.1	-1.00	1.00	1.00	-
54	dynein, cytoplasmic, intermediate polypeptide 1	40318_at	AI810807	1780	32.6	104.8	66.8	65.9	83.9	-1.57	-1.25	1.26	-
55	KIAA0750 gene product	40848_g_at	AB018293	9645	282.9	323.1	142.4	145.7	229.1	-2.27	-1.41	1.61	-
56	p8 protein (candidate of metastasis 1)	38754_at	AI557295	26471	153.1	382.7	133.9	144.3	258.4	-2.86	-1.48	1.93	-
57	low density lipoprotein receptor	32855_at	L00352	3949	391.4	326.5	103.8	98.1	283.9	-3.15	-1.15	2.74	-
58	cysteine-rich, angiogenic inducer, 61	38772_at	Y11307	3491	299.2	304.3	103.5	107.7	264.9	-2.94	-1.15	2.56	-
59	RAS guanyl releasing protein 1 (calcium and DAG-regulated)	33291_at	AF081195	10125	25.8	34.1	14.7	13.4	26.9	-2.32	-1.27	1.83	-
60	angiominin like 2	38842_at	AB023206	51421	250.7	325.2	146.2	143.7	268.5	-2.22	-1.21	1.84	-
61	fatty acid desaturase 2	32190_at	AL050118	9415	408.5	466.0	248.0	227.1	727.5	-1.88	1.56	2.93	-
62	inhibitor of DNA binding 3, dominant negative helix-loop-helix protein	37043_at	AL021154	3399	1332.6	438.1	359.5	340.8	462.6	-1.22	1.06	1.29	-
63	Tubulin, Alpha 1, Isoform 44	330_s_at	HG2259-HT2348		117.0	98.3	228.3	173.8	301.7	2.32	3.07	1.32	+
64	ATP-binding cassette, sub-family B (MDR/TAP), member 6	39805_at	AF070598	10058	82.6	93.0	169.5	146.6	216.4	1.82	2.33	1.28	+
65	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 10 (RNA helicase)	831_at	U28042	1662	246.6	101.5	368.9	299.8	518.2	3.63	5.11	1.40	+
66	glypican 1	33929_at	X54232	2817	761.4	624.4	1234.4	1110.7	1609.3	1.98	2.58	1.30	+
67	glutamate-cysteine ligase, catalytic subunit	31850_at	M90656	2729	72.3	87.3	161.9	146.9	202.5	1.86	2.32	1.25	+
68	transferrin receptor	37324_at	X01060	7037	421.8	190.5	531.3	496.4	756.6	2.79	3.97	1.42	+
69	aldo-keto reductase family 1, member B1	36589_at	X15414	231	1164.9	1212.9	2446.4	2342.1	3394.5	2.02	2.80	1.39	+
70	sequestosome 1	40898_at	U46751	8878	891.2	1121.6	1996.0	2033.8	2598.6	1.78	2.32	1.30	+
71	hydroxysteroid (11-beta) dehydrogenase 1	35702_at	M76665	3290	327.0	495.3	782.9	770.7	966.6	1.58	1.95	1.23	-
72	glutamate-cysteine ligase, modifier subunit	33163_r_at	L35546	2730	39.8	31.9	101.8	97.7	143.9	3.19	4.51	1.41	+
73	UDP-glucose dehydrogenase	35214_at	AF061016	7358	623.6	488.1	907.8	903.9	1322.5	1.86	2.71	1.46	+
74	malic enzyme 1, NADP(+)-dependent, cytosolic	31824_at	AL049699	4199	149.4	124.1	231.5	230.1	330.8	1.87	2.66	1.43	+
75	solute carrier family 3, member 2	38029_at	J02939	6520	417.4	472.7	777.6	712.6	1008.8	1.64	2.13	1.30	-
76	glucan (1,4-alpha-), branching enzyme 1	32643_at	L07956	2632	846.2	1034.5	1663.9	1566.9	2267.4	1.61	2.19	1.36	-
77	diphtheria toxin resistance protein required for diphthamide biosynthesis-like 2	41380_at	AF053003	1802	342.7	391.5	765.7	733.9	914.5	1.96	2.34	1.19	+
78	ALL1-fused gene from chromosome 1q	36941_at	U16954	10962	335.3	172.2	458.8	432.5	579.7	2.66	3.37	1.26	+

79	galactosidase, alpha	36833_at	U78027	2717	180.3	218.5	411.7	349.3	482.9	1.88	2.21	1.17	+	
80	glutathione reductase	35130_at	X15722	2936	118.3	106.1	227.8	198.1	263.5	2.15	2.48	1.16	+	
81	adipose differentiation-related protein	34378_at	X97324	123	501.9	493.9	1683.6	1446.3	1708.3	3.41	3.46	1.01	+	
82	P450 (cytochrome) oxidoreductase	858_at	S90469	5447	197.8	225.7	454.9	390.3	442.2	2.02	1.96	-1.03	+	
83	RAB27B	808_at	U57093	5874	67.4	23.3	36.2	32.2	35.1	1.55	1.51	-1.03		
84	interleukin 8	35372_r_at	M17017	3576	327.7	85.6	153.8	132.2	148.2	1.80	1.73	-1.04	+	
85	cathepsin L	37391_at	X12451	1514	1432.0	958.0	2688.2	2737.1	2901.1	2.81	3.03	1.08	+	
86	Notch homolog 3	38750_at	U97669	4854	869.8	517.8	1561.6	1559.0	1808.4	3.02	3.49	1.16	+	
87	aldo-keto reductase family 1, member C2	32805_at	U05861	1646	1596.7	2445.2	4505.1	4647.4	5114.3	1.84	2.09	1.14	+	
88	follistatin	38356_at	M19481	10468	2192.4	284.2	491.7	477.9	540.9	1.73	1.90	1.10	+	
89	inositol(myo)-1(or 4)-monophosphatase 2	36496_at	AF014398	3613	78.4	74.0	179.3	166.7	195.4	2.42	2.64	1.09	+	
90	aldo-keto reductase family 1, member C3	37399_at	D17793	8644	610.0	1251.4	2305.1	2196.9	2466.4	1.84	1.97	1.07	+	
91	fatty acid desaturase 1	39373_at	AF035284	3992	229.6	188.4	252.7	255.1	709.7	1.34	3.77	2.81		**
92	smooth muscle gamma-actin	1197_at	D00654		45.2	29.7	41.3	39.4	83.2	1.39	2.80	2.02		**
93	brain cell membrane protein 1	37958_at	AL049257	83604	189.8	251.9	333.2	303.4	547.3	1.32	2.17	1.64		
94	activating transcription factor 3	287_at	L19871	467	34.2	40.6	54.9	48.6	93.8	1.35	2.31	1.71		**
95	fatty acid binding protein 4	38430_at	AA128249	2167	30.3	79.3	193.7	116.4	489.6	2.44	6.17	2.53	+	**
96	glutathione S-transferase M3	32798_at	AF043105	2947	66.2	116.8	134.0	116.9	202.0	1.15	1.73	1.51		
97	regulator of G-protein signalling 20	41086_at	AF060877	8601	43.0	29.2	36.5	31.9	68.3	1.25	2.34	1.87		**
98	tripartite motif-containing 16	38881_i_at	AF096870	10626	225.1	243.5	476.4	411.3	798.7	1.96	3.28	1.68	+	
99	Homo sapiens cDNA FLJ33935 fis, clone CTONG2017910	33186_i_at	AL046961		30.5	33.6	59.5	48.3	104.9	1.77	3.12	1.76	+	**
100	keratin 7	41294_at	AJ238246	3855	436.7	111.9	131.1	132.2	159.8	1.17	1.43	1.22		
101	BENE protein	33331_at	U17077	7851	629.6	152.9	204.1	203.9	299.1	1.34	1.96	1.47		
102	neuronal cell adhesion molecule	37286_at	AB002341	4897	63.3	82.5	110.7	108.9	169.3	1.34	2.05	1.53		
103	annexin II	757_at	D28364		668.7	308.2	315.7	282.3	368.2	1.02	1.19	1.17		
104	asparagine synthetase	36671_at	M27396	440	138.1	88.5	64.2	61.4	175.6	-1.38	1.98	2.74		**
105	dickkopf homolog 1	35977_at	AB020315	22943	396.9	89.9	87.5	88.9	152.8	-1.03	1.70	1.75		
106	G protein-coupled receptor 105	33462_at	D13626	9934	6.3	25.3	33.8	46.7	16.4	1.33	-1.54	-2.06		
107	short-chain dehydrogenase/reductase 1	40782_at	AF061741	9249	118.0	62.0	102.4	99.4	44.6	1.65	-1.39	-2.29		

108	inhibitor of DNA binding 1	36618_g_at	X77956	3397	693.7	137.5	220.8	188.4	76.9	1.61	-1.79	-2.87		**
109	ras homolog gene family, member I	38887_r_at	U96750	9077	14.1	28.0	40.0	37.2	19.9	1.43	-1.41	-2.01		
110	chondroitin sulfate proteoglycan 2 (versican)	38111_at	X15998	1462	31.8	13.3	14.8	14.4	11.2	1.11	-1.19	-1.32		
111	chemokine (C-X-C motif) ligand 12	33834_at	L36033	6387	211.7	328.6	403.6	438.3	181.1	1.23	-1.81	-2.23		**
112	coagulation factor III (thromboplastin, tissue factor)	36543_at	J02931	2152	188.9	481.0	570.3	617.4	520.4	1.19	1.08	-1.10		
113	thymidine kinase	910_at	M15205		466.3	144.4	243.8	225.0	170.7	1.69	1.18	-1.43		
114	amphiregulin	34898_at	M30704	374	127.6	64.1	307.6	259.7	130.1	4.80	2.03	-2.36	+	**
115	KIAA0101 gene product	38116_at	D14657	9768	284.6	94.5	199.5	177.8	116.5	2.11	1.23	-1.71	+	
116	tissue inhibitor of metalloproteinase 3	1034_at	U14394	7078	338.2	276.0	1011.2	840.8	396.6	3.66	1.44	-2.55	+	
117	phosphatidic acid phosphatase type 2A	34797_at	AF014402	8611	382.9	942.8	1347.2	1365.1	1038.6	1.43	1.10	-1.30		
118	tumor necrosis factor, alpha-induced protein 6	1372_at	M31165	7130	118.3	78.1	220.2	225.0	110.7	2.82	1.42	-1.99	+	
119	Homo sapiens cDNA: FLJ22182 fis, clone HRC00953	40079_at	AA156240		485.3	159.3	294.0	293.4	195.0	1.85	1.22	-1.51	+	
120	topoisomerase II alpha 170kDa	904_s_at	L47276		143.9	49.2	121.8	117.2	68.7	2.48	1.40	-1.77	+	
121	insulin-like growth factor binding protein 5	41420_at	AF055033	3488	67.8	54.0	190.5	186.0	95.3	3.53	1.76	-2.00	+	**
122	cyclin B2	32263_at	AL080146	9133	204.0	75.2	120.6	120.0	80.9	1.60	1.08	-1.49		
123	aquaporin 9	34435_at	AB008775	366	69.6	65.8	143.8	143.0	77.7	2.19	1.18	-1.85	+	
124	retinoic acid induced 3	33730_at	AF095448	9052	939.0	226.1	581.0	536.1	295.6	2.57	1.31	-1.97	+	
125	ZW10 interactor	35995_at	AF067656	11130	151.6	59.7	120.4	114.5	69.1	2.02	1.16	-1.74	+	
126	insulin-like growth factor binding protein 3	37319_at	M35878	3486	2080.9	445.7	2307.5	2153.7	793.0	5.18	1.78	-2.91	+	**
127	topoisomerase II alpha 170kDa	40145_at	AI375913	7153	123.8	36.2	100.7	95.9	48.7	2.78	1.35	-2.07	+	
128	proprotein convertase subtilisin/kexin type 1	40649_at	X64810	5122	249.0	59.9	385.2	428.9	117.0	6.43	1.95	-3.29	+	**
129	interleukin 18 receptor 1	36377_at	U43672	8809	54.6	56.5	118.8	134.1	77.8	2.10	1.38	-1.53	+	
130	cell division cycle 2	40915_r_at	Y00272	983	27.8	11.3	32.2	36.3	16.7	2.84	1.48	-1.92	+	
131	regulator of G-protein signalling 2, 24kDa	37701_at	L13463	5997	110.6	111.7	242.9	257.4	149.8	2.17	1.34	-1.62	+	
132	solute carrier family 16 (monocarboxylic acid transporters), member 4	39260_at	U59185	9122	297.3	173.9	444.4	490.6	312.3	2.56	1.80	-1.42	+	
133	similar to Zinc finger protein 91 (Zinc finger protein HTF10) (HPF7)	33399_at	AA142942		121.1	182.4	358.2	366.6	251.5	1.96	1.38	-1.42	+	
134	Homo cDNA DKFZp564G112 (from clone DKFZp564G112)	36712_at	AL049990		10.6	13.8	30.1	30.2	20.4	2.19	1.48	-1.48	+	
135	cyclin B1	34736_at	M25753	891	255.4	105.5	152.8	151.5	99.4	1.45	-1.06	-1.54		

136	collagen, type XV, alpha 1	38427_at	L25286	1306	127.0	273.5	542.8	570.0	264.8	1.98	-1.03	-2.05	+
137	bradykinin receptor B2	39310_at	X86163	624	144.4	125.6	381.8	395.5	127.0	3.04	1.01	-3.01	+
138	protein kinase, cAMP-dependent, regulatory, type II, beta	37221_at	M31158	5577	43.0	68.9	97.3	103.8	54.1	1.41	-1.27	-1.80	
139	aldehyde dehydrogenase 1 family, member A2	38315_at	AB015228	8854	68.6	73.7	125.8	145.1	60.0	1.71	-1.23	-2.10	+
140	alcohol dehydrogenase IB (class I), beta polypeptide	35730_at	X03350	125	80.0	297.4	447.6	560.8	446.4	1.51	1.50	-1.00	
141	alcohol dehydrogenase 1A (class I), alpha polypeptide	34637_f_at	M12963	124	236.3	822.1	1382.4	1557.8	1420.1	1.68	1.73	1.03	
142	alcohol dehydrogenase 1C (class I), gamma polypeptide	36247_f_at	M12272	126	112.5	398.1	648.8	772.0	681.0	1.63	1.71	1.05	
143	hyaluronan synthase 1	32424_at	D84424	3036	397.6	112.6	581.9	526.4	505.3	5.17	4.49	-1.15	+
144	pyruvate dehydrogenase kinase, isoenzyme 4	36739_at	U54617	5166	31.8	17.3	98.3	91.5	93.2	5.69	5.40	-1.05	+
145	epiregulin	34476_r_at	D30783	2069	57.0	16.0	78.0	62.4	56.4	4.88	3.53	-1.38	+
146	ubiquitin carrier protein	40619_at	M91670	27338	1113.3	394.4	648.4	620.6	575.2	1.64	1.46	-1.13	
147	nuclear receptor subfamily 4, group A, member 2	37623_at	X75918	4929	53.9	22.3	85.1	81.4	69.6	3.82	3.13	-1.22	+
148	kynureninase (L-kynurenine hydrolase)	40672_at	U57721	8942	298.8	160.9	802.2	880.8	651.7	4.98	4.05	-1.23	+
149	cyclin-dependent kinase inhibitor 3	1599_at	L25876	1033	143.9	53.7	94.2	88.9	73.8	1.76	1.38	-1.28	+
150	nucleoside phosphorylase	430_at	X00737	4860	375.4	167.3	724.5	715.1	525.8	4.33	3.14	-1.38	+
151	pituitary tumor-transforming 1	40412_at	AA203476	9232	453.6	176.0	270.3	267.1	226.0	1.54	1.28	-1.20	
152	protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), beta isoform	1093_at	M65254	5519	80.6	44.9	150.5	153.7	105.9	3.35	2.36	-1.42	+

<sup>1</sup>Genes listed were identified by analysis of DNA microarray data using dChip to execute a filtering algorithm to define differentially regulated genes among all five treatments (-)24h, SFM, N-LDL, G-LDL and HOG-LDL.

<sup>2</sup>Values presented are averages of normalized data derived from four replicate samples.

<sup>3</sup>Fold change (FC) values represent change in the first listed sample with respect to the second listed sample.

<sup>4</sup>Indicated genes are affected  $\geq 1.7$ -fold by N-LDL in comparison to SFM. "+" and "-" indicate up-regulation and down-regulation, respectively.

<sup>5</sup>Indicated genes are affected  $\geq 1.7$ -fold by HOG-LDL in comparison to both SFM and N-LDL.