

Symbol	Name	Con	Simva	Atorva	ANOVA
Simvastatin - Downregulated					
Asb13	ankyrin repeat and SOCS box-containing protein 13	115 +/- 12	91 +/- 13	116 +/- 16	0.00041
Ascc3	activating signal cointegrator 1 complex subunit 3	418 +/- 31	367 +/- 22	393 +/- 33	0.00122
Cav2	caveolin 2	326 +/- 61	258 +/- 76	364 +/- 37	0.00098
Cyp26b1	cytochrome P450, family 26, subfamily b, polypeptide 1	838 +/- 56	735 +/- 82	806 +/- 59	0.00389
Cyp7b1	cytochrome P450, family 7, subfamily b, polypeptide 1	304 +/- 14	284 +/- 25	314 +/- 16	0.00408
Dr1	down-regulator of transcription 1	1142 +/- 32	1105 +/- 22	1162 +/- 36	0.00099
Eaf1	ELL associated factor 1	302 +/- 11	269 +/- 26	285 +/- 18	0.00281
Gmppa	GDP-mannose pyrophosphorylase A	308 +/- 18	280 +/- 22	316 +/- 21	0.00105
Grm5	glutamate receptor, metabotropic 5	162 +/- 16	141 +/- 11	160 +/- 15	0.00405
Mcart1	mitochondrial carrier triple repeat 1	2352 +/- 71	2204 +/- 99	2280 +/- 69	0.00141
Mpp5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily)	1337 +/- 32	1263 +/- 45	1309 +/- 56	0.00398
Phyhip	phytanoyl-CoA hydroxylase interacting protein	3038 +/- 154	2801 +/- 138	2944 +/- 119	0.00258
Rbbp4	retinoblastoma binding protein 4	61 +/- 10	42 +/- 15	58 +/- 8	0.00109
Slc35f4	solute carrier family 35, member F4	231 +/- 10	220 +/- 12	238 +/- 9	0.00171
Smek2	SMEK homolog 2, suppressor of mek1 (Dictyostelium)	1743 +/- 55	1667 +/- 54	1737 +/- 40	0.00284
Suv39h2	suppressor of variegation 3-9 homolog 2 (Drosophila)	178 +/- 15	152 +/- 21	171 +/- 10	0.00300
Topbp1	topoisomerase (DNA) II binding protein 1	405 +/- 15	375 +/- 27	397 +/- 13	0.00437
Tpo1	developmentally regulated protein TPO1	936 +/- 59	839 +/- 31	894 +/- 60	0.00115
Ugt8a	UDP galactosyltransferase 8A	1438 +/- 76	1332 +/- 49	1387 +/- 48	0.00156
Uhrf1	ubiquitin-like, containing PHD and RING finger domains, 1	114 +/- 10	93 +/- 8	107 +/- 17	0.00307
Zmym4	zinc finger, MYM-type 4	214 +/- 13	195 +/- 11	214 +/- 16	0.00488
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Acss2	acyl-CoA synthetase short-chain family member 2	1571 +/- 47	1661 +/- 65	1586 +/- 74	0.004614
Capn7	calpain 7	1371 +/- 47	1448 +/- 59	1385 +/- 39	0.002654
Ccdc72	coiled-coil domain containing 72	5269 +/- 390	5953 +/- 531	5411 +/- 294	0.00163

Cck	cholecystokinin	4628 +/- 155	4965 +/- 317	4548 +/- 268	0.00257
Clca3	chloride channel calcium activated 3	62 +/- 10	79 +/- 12	67 +/- 9	0.002157
Cnpy3	canopy 3 homolog (zebrafish)	229 +/- 15	255 +/- 18	225 +/- 15	0.000433
Cyp51	cytochrome P450, subfamily 51	2729 +/- 91	2851 +/- 125	2683 +/- 83	0.002188
Egfl7	EGF-like domain 7	160 +/- 20	190 +/- 22	174 +/- 18	0.004779
Enoph1	enolase-phosphatase 1	1604 +/- 68	1714 +/- 113	1588 +/- 61	0.003665
Gpkow	G patch domain and KOW motifs	148 +/- 11	166 +/- 16	152 +/- 9	0.00478
Hadha	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenz	1371 +/- 54	1457 +/- 43	1404 +/- 64	0.004422
Hmgcs1	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1	4817 +/- 101	5263 +/- 280	4842 +/- 289	0.000142
Klhl22	kelch-like 22 (Drosophila)	364 +/- 18	405 +/- 35	362 +/- 22	0.000824
Mboat5	membrane bound O-acyltransferase domain containing 5	434 +/- 34	465 +/- 16	411 +/- 28	0.000574
Mvd	mevalonate (diphospho) decarboxylase	290 +/- 20	320 +/- 28	284 +/- 18	0.002825
Nppa	natriuretic peptide precursor type A	233 +/- 32	302 +/- 37	229 +/- 28	8.8E-06
Psmc5	protease (prosome, macropain) 26S subunit, ATPase 5	3595 +/- 134	3953 +/- 113	3700 +/- 270	0.000735
PVR	poliovirus receptor	58 +/- 10	69 +/- 5	57 +/- 6	0.001356
Qsox1	quiescin Q6 sulfhydryl oxidase 1	134 +/- 16	160 +/- 12	139 +/- 14	0.000578
Rps6ka1	ribosomal protein S6 kinase polypeptide 1	156 +/- 25	178 +/- 27	138 +/- 16	0.00148
Rrm2	ribonucleotide reductase M2	11 +/- 5	18 +/- 5	9 +/- 6	0.001802
Sc4mol	sterol-C4-methyl oxidase-like	3537 +/- 182	3745 +/- 216	3485 +/- 125	0.004317
Thoc1	THO complex 1	120 +/- 7	139 +/- 15	129 +/- 9	0.002127
Thrsp	thyroid hormone responsive	636 +/- 47	712 +/- 49	663 +/- 41	0.002651
Tm7sf2	transmembrane 7 superfamily member 2	301 +/- 28	335 +/- 21	312 +/- 15	0.004292
Tmem49	transmembrane protein 49	1964 +/- 88	2108 +/- 90	2010 +/- 77	0.001651
Tox4	TOX high mobility group box family member 4	772 +/- 33	840 +/- 30	802 +/- 29	0.000135
Twf1	twinfilin, actin-binding protein, homolog 1 (Drosophila)	1459 +/- 63	1541 +/- 56	1416 +/- 55	0.000184
Wbp1	WW domain binding protein 1	213 +/- 23	242 +/- 27	207 +/- 16	0.003672
Wbscr28	Williams-Beuren syndrome chromosome region 28 (human)	120 +/- 12	145 +/- 10	126 +/- 16	0.000398
Xpnpep1	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble	888 +/- 45	988 +/- 117	871 +/- 57	0.004937
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Abca8b	ATP-binding cassette, sub-family A (ABC1), member 8b	319 +/- 33	334 +/- 34	370 +/- 21	0.00193
Actg2	actin, gamma 2, smooth muscle, enteric	13 +/- 2	14 +/- 4	18 +/- 2	0.001065
Atp13a2	ATPase type 13A2	1340 +/- 39	1376 +/- 36	1408 +/- 49	0.00333
Bre	brain and reproductive organ-expressed protein	662 +/- 17	680 +/- 26	707 +/- 22	0.000297
Cacna1c	calcium channel, voltage-dependent, L type, alpha 1C subunit	542 +/- 39	536 +/- 20	581 +/- 17	0.002012
Ccdc125	coiled-coil domain containing 125	190 +/- 22	204 +/- 25	225 +/- 20	0.003982
Cpsf3l	cleavage and polyadenylation specific factor 3-like	348 +/- 29	348 +/- 23	388 +/- 22	0.00134
Fance	Fanconi anemia, complementation group E	75 +/- 14	78 +/- 9	90 +/- 6	0.004434
Hnrnpr	heterogeneous nuclear ribonucleoprotein R	2564 +/- 111	2610 +/- 26	2681 +/- 62	0.004236
Lhpp	phospholysine phosphohistidine inorganic pyrophosphate phosphatase	861 +/- 61	908 +/- 47	945 +/- 39	0.002392
Mboat2	membrane bound O-acyltransferase domain containing 2	682 +/- 39	716 +/- 49	771 +/- 76	0.004945
Mrpl38	mitochondrial ribosomal protein L38	374 +/- 20	384 +/- 18	409 +/- 20	0.000793
Nhlrc3	NHL repeat containing 3	443 +/- 19	469 +/- 38	489 +/- 28	0.004002
Nle1	notchless homolog 1 (Drosophila)	182 +/- 8	183 +/- 9	199 +/- 11	0.000944
Pop5	processing of precursor 5, ribonuclease P/MRP family (S. cerevisiae)	482 +/- 30	504 +/- 37	537 +/- 15	0.00073
Prokr2	prokineticin receptor 2	65 +/- 15	67 +/- 13	84 +/- 12	0.003595
Rp2h	retinitis pigmentosa 2 homolog (human)	197 +/- 16	201 +/- 21	230 +/- 25	0.003428
Scamp4	secretory carrier membrane protein 4	423 +/- 19	432 +/- 28	461 +/- 22	0.002254
Sfrs14	splicing factor, arginine/serine-rich 14	1352 +/- 104	1332 +/- 109	1479 +/- 82	0.00431
Shq1	SHQ1 homolog (S. cerevisiae)	67 +/- 10	65 +/- 8	79 +/- 8	0.001867
Srebf1	sterol regulatory element binding transcription factor 1	704 +/- 39	708 +/- 27	778 +/- 37	4.13E-05
St6galnac3	ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylglucosaminyl 3-sialyltransferase	468 +/- 16	469 +/- 23	504 +/- 27	0.000941
Tbl1xr1	transducin (beta)-like 1X-linked receptor 1	959 +/- 59	933 +/- 56	1027 +/- 66	0.003613
Tyms	thymidylate synthase	103 +/- 10	100 +/- 13	118 +/- 14	0.002863
Wdr36	WD repeat domain 36	264 +/- 10	278 +/- 18	297 +/- 20	0.000591
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Adcy2	adenylate cyclase 2	2348 +/- 59	2317 +/- 59	2201 +/- 89	0.00018
Adnp2	ADNP homeobox 2	512 +/- 16	505 +/- 14	487 +/- 16	0.002818
Ahcy1	S-adenosylhomocysteine hydrolase-like 1	3247 +/- 106	3344 +/- 122	3132 +/- 130	0.001464

Akap13	A kinase (PRKA) anchor protein 13	466 +/- 17	449 +/- 23	419 +/- 19	2.84E-05
Epm2aip1	EPM2A (laforin) interacting protein 1	3610 +/- 53	3556 +/- 102	3397 +/- 167	0.000921
Fgf10	fibroblast growth factor 10	87 +/- 9	82 +/- 11	69 +/- 9	0.000369
Hdac4	histone deacetylase 4	318 +/- 29	305 +/- 23	272 +/- 35	0.002901
Il13ra1	interleukin 13 receptor, alpha 1	119 +/- 10	111 +/- 8	103 +/- 8	0.00183
Il6ra	interleukin 6 receptor, alpha	279 +/- 16	267 +/- 37	238 +/- 17	0.004789
Lce1c	late cornified envelope 1C	29 +/- 5	30 +/- 5	21 +/- 8	0.004679
Mgl1	macrophage galactose N-acetyl-galactosamine specific lectin	108 +/- 8	104 +/- 15	90 +/- 13	0.003486
Mrpl51	mitochondrial ribosomal protein L51	169 +/- 12	169 +/- 7	154 +/- 11	0.004089
Msi2	Musashi homolog 2 (Drosophila)	364 +/- 53	321 +/- 56	281 +/- 34	0.002205
Nek9	NIMA (never in mitosis gene a)- related kinase 9	1033 +/- 40	999 +/- 40	964 +/- 30	0.001282
Nudcd1	NudC domain containing 1	449 +/- 49	414 +/- 40	370 +/- 34	0.00079
Phf7	PHD finger protein 7	49 +/- 3	45 +/- 6	39 +/- 9	0.003648
Ptp4a2	protein tyrosine phosphatase 4a2	2128 +/- 78	2071 +/- 87	1988 +/- 80	0.001468
Stat5b	signal transducer and activator of transcription 5B	97 +/- 12	88 +/- 17	71 +/- 15	0.002063
Synpo2	synaptopodin 2	91 +/- 6	91 +/- 7	81 +/- 6	0.000777
Tial1	Tia1 cytotoxic granule-associated RNA binding protein-like 1	998 +/- 26	975 +/- 33	924 +/- 53	0.000561
Zfp629	zinc finger protein 629	84 +/- 12	78 +/- 8	68 +/- 9	0.004695
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Acp1	acid phosphatase 1, soluble	1860 +/- 53	1960 +/- 98	1982 +/- 73	0.00265
Afg3l2	AFG3(ATPase family gene 3)-like 2 (yeast)	593 +/- 14	615 +/- 19	621 +/- 18	0.002487
Atg4b	autophagy-related 4B (yeast)	586 +/- 31	632 +/- 35	642 +/- 46	0.003455
Ccdc91	coiled-coil domain containing 91	389 +/- 18	406 +/- 16	416 +/- 11	0.001768
Cse1l	chromosome segregation 1-like (<i>S. cerevisiae</i>)	1135 +/- 63	1210 +/- 35	1212 +/- 58	0.003889
Dhrs7b	dehydrogenase/reductase (SDR family) member 7B	601 +/- 14	650 +/- 36	643 +/- 14	0.000175
Dusp14	dual specificity phosphatase 14	784 +/- 16	832 +/- 32	827 +/- 21	0.000161
Fbxo16	F-box protein 16	205 +/- 22	241 +/- 13	239 +/- 19	0.00012
Hells	helicase, lymphoid specific	46 +/- 4	57 +/- 6	59 +/- 11	0.000967
Hrpap20	hormone-regulated proliferation associated protein 20	1449 +/- 58	1551 +/- 62	1563 +/- 83	0.001349

Kcnp3	Kv channel interacting protein 3, calsenilin	168 +/- 14	197 +/- 21	201 +/- 21	0.000789
Ms4a2	membrane-spanning 4-domains, subfamily A, member 2	10 +/- 4	16 +/- 7	21 +/- 7	0.00126
Ndufa7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (532 +/- 34	577 +/- 40	583 +/- 31	0.003443
Nob1	NIN1/RPN12 binding protein 1 homolog (S. cerevisiae)	684 +/- 38	746 +/- 37	731 +/- 43	0.004597
Rassf7	Ras association (RalGDS/AF-6) domain family (N-terminal) n	124 +/- 11	144 +/- 14	136 +/- 12	0.004517
Rufy3	RUN and FYVE domain containing 3	1118 +/- 33	1167 +/- 45	1188 +/- 52	0.004281
Scfd1	sec1 family domain containing 1	1088 +/- 39	1160 +/- 45	1136 +/- 47	0.002445
Sdccag10	serologically defined colon cancer antigen 10	194 +/- 24	209 +/- 9	221 +/- 9	0.001774
Slc25a46	solute carrier family 25, member 46	1490 +/- 86	1563 +/- 64	1596 +/- 58	0.004749
Tmem9	transmembrane protein 9	1091 +/- 34	1166 +/- 46	1156 +/- 30	0.00015
Uxs1	UDP-glucuronate decarboxylase 1	747 +/- 45	794 +/- 47	826 +/- 50	0.003104
Zfp414	zinc finger protein 414	331 +/- 23	367 +/- 27	366 +/- 22	0.002125
Zfp524	zinc finger protein 524	160 +/- 15	182 +/- 12	181 +/- 20	0.0046
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Cacna2d1	calcium channel, voltage-dependent, alpha2/delta subunit 1	1727 +/- 139	1526 +/- 140	1580 +/- 113	0.004082
Cbl	Casitas B-lineage lymphoma	370 +/- 39	335 +/- 31	320 +/- 19	0.002944
Cdk2ap2	CDK2-associated protein 2	820 +/- 32	751 +/- 35	777 +/- 49	0.001578
Ift52	intraflagellar transport 52 homolog (Chlamydomonas)	774 +/- 26	722 +/- 43	721 +/- 42	0.004655
Ihpk1	inositol hexaphosphate kinase 1	1389 +/- 63	1315 +/- 70	1291 +/- 47	0.002746
Itn1	intersectin 1 (SH3 domain protein 1A)	474 +/- 40	428 +/- 38	406 +/- 36	0.00113
Limk2	LIM motif-containing protein kinase 2	585 +/- 15	570 +/- 12	560 +/- 11	0.000617
Map2k6	mitogen-activated protein kinase kinase 6	587 +/- 20	549 +/- 27	553 +/- 29	0.004505
Med1	mediator complex subunit 1	552 +/- 35	512 +/- 35	472 +/- 27	2.41E-05
Mpg	N-methylpurine-DNA glycosylase	178 +/- 15	153 +/- 13	151 +/- 17	0.000433
Nfe2l1	nuclear factor, erythroid derived 2,-like 1	1011 +/- 63	917 +/- 37	939 +/- 45	0.000472
Phf5a	PHD finger protein 5A	785 +/- 58	666 +/- 42	695 +/- 94	0.001751
Slc26a1	solute carrier family 26 (sulfate transporter), member 1	142 +/- 23	117 +/- 6	124 +/- 13	0.004681
Syt7	synaptotagmin VII	168 +/- 19	132 +/- 18	144 +/- 18	0.000357
Trim41	tripartite motif-containing 41	824 +/- 30	791 +/- 23	778 +/- 28	0.002837

Wdr40b	WD repeat domain 40B	1445 +/- 74	1341 +/- 53	1373 +/- 67	0.00357
Zfp219	zinc finger protein 219	726 +/- 52	667 +/- 39	660 +/- 42	0.003476