

CLN3

T-Test P Value	Change Direction	Gene Accession	Protein Description
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CLN3 Cell Death

0.008	Up	AI893790	BCC-2
0.033	Down	L35049	BCL-XL

CLN3 Amino Acid

0.004	Up	M26729	Tyrosinase
0.016	Up	U79523	peptidylglycine alpha-amidating monooxygenase
0.017	Up	U16162	prolyl 4-hydroxylase alpha(I)-subunit
0.005	Down	AV341826	methionine aminopeptidase
0.016	Down	AA163908	dihydroxy-acid dehydratase
0.039	Down	AB018567	Proline synthetase associated

CLN3 Blood/Vascular

0.004	Up	M65237	murinoglobulin
0.007	Up	U57746	platelet activating factor acetylhydrolase
0.015	Up	AW121246	coagulation factor II (thrombin) receptor-like 2 precursor
0.033	Down	AI596989	7S globulin
0.039	Down	AI508931	vascular anastomotic upregulated protein
0.049	Down	M13521	serum amyloid A-1

CLN3 Cytoskeleton

0.003	Up	AI845106	Transforming Acid Coiled-coil Containing Protein 3
0.017	Up	AA832724	microfibrillar associated protein 5
0.033	Up	M12347	alpha-actin
0.003	Down	AI847687	actin-like 6
0.009	Down	J04953	gelsolin
0.019	Down	U37775	tuberin
0.035	Down	AI837005	tropomyosin-related protein, neuronal
0.036	Down	Y17393	prefoldin subunit 2
0.044	Down	AI640003	myosin, light polypeptide 1, alkali; skeletal, fast
0.046	Down	Y15197	microtubule-associated protein, MAP-115

CLN3 Development

0.011	Up	AI847802	transcription factor Sox4
0.015	Up	M80540	Tes-1 homeobox protein
0.025	Up	AI849442	Pax6
0.029	Up	X94127	SOX2 protein
0.03	Up	AV169384	Distal-less
0.031	Up	AF020197	PBX1b
0.032	Up	D88769	latexin
0.039	Up	U66918	OG-12a homeodomain protein
0.043	Up	AI841732	Kiellin
0.047	Up	AI847056	neural precursor cell expressed, developmentally down-regulated 8
0.05	Up	U72634	rostral cerebellar malformation protein
0	Down	AV012348	Sex comb on midleg homolog 1 isoform 2
0.001	Down	AI846304	glued protein - fruit fly
0.006	Down	AW122985	FOXP1
0.008	Down	L27453	homeobox protein
0.013	Down	X63963	Pax6
0.017	Down	AF047389	Dominant megacolon mutant Sox-10 protein
0.023	Down	AW049194	neural precursor cell expressed, developmentally down-regulated 8
0.025	Down	AI854879	Similar to Homer, neuronal immediate early gene, 3
0.035	Down	M26283	homeobox protein
0.039	Down	M18399	homeobox protein
0.048	Down	C79694	flightless I homolog

CLN3 DNA Replication/Mutation, Chromatin, Synthesis

0.016	Up	U70494	histone H2A.Z
0.029	Up	AV119092	membrane-associated nucleic acid binding protein
0.044	Up	AI852636	DNA (CYTOSINE-5)-METHYLTRANSFERASE GGAI
0.048	Up	AI131735	polynucleotide adenyltransferase
0.004	Down	AW049074	DNA Polymerase III, alpha chain Polc-Type (POLIII)
0.004	Down	M32459	histone H3
0.005	Down	AI426274	meiotic cohesion Rec8; meiotic cohesin REC8
0.006	Down	AF022465	high mobility group protein homolog HMG4
0.015	Down	D13543	DNA polymerase alpha catalytic subunit
0.019	Down	U66887	RAD50
0.038	Down	AF006603	histone deacetylase mHDA2
0.047	Down	AV026570	replication factor C (activator 1) 3 (38kD)

CLN3 Detox/Stress

0	Up	AF032714	Prx#-2
0.002	Up	X53584	mature HSP60 protein (AA 1-547)
0.002	Up	AV131763	HSPC262
0.004	Up	AI839151	CYTOCHROME P450 71D10
0.005	Up	U13705	plasma glutathione peroxidase precursor
0.026	Up	M29394	catalase
0.027	Up	AW123216	protein
0.035	Up	AF093853	1-Cys peroxiredoxin protein 2
0.043	Up	U09659	chaperonin 10
0.046	Up	J04696	glutathione s-transferase
0.048	Up	AB028272	heat shock protein 40
0.021	Down	AA880275	metallothionein-I gene transcription activator
0.024	Down	X03920	glutathione peroxidase
0.027	Down	AV013882	ferritin heavy chain
0.033	Down	AV294234	cytochrome P450 sterol 14 alpha-demethylase
0.036	Down	D17571	NADPH-cytochrome P450 oxidoreductase
0.044	Down	AI840437	cytochrome P450-like protein
0.05	Down	AV159331	cytophilin

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CLN3 Energy Metabolism

0.001	Up	AI853802	phosphofructokinase-1 C isozyme
0.007	Up	AA624602	glycerol kinase
0.016	Up	AV125958	NADH-UBIQUINONE OXIDOREDUCTASE B17 SUBUNIT
0.017	Up	AI852355	Similar to NADH dehydrogenase (ubiquinone) Fe-S protein
0.02	Up	M33934	IMP-dehydrogenase
0.025	Up	D49956	8-oxo-dGTPase
0.026	Up	AF020039	NADP-dependent isocitrate dehydrogenase
0.038	Up	M74570	aldehyde dehydrogenase II
0.002	Down	AI854118	NADH dehydrogenase subunit 2
0.002	Down	AW124609	methanol dehydrogenase alpha subunit
0.009	Down	AI852704	NADH dehydrogenase (ubiquinone)
0.012	Down	AI853458	NADH dehydrogenase I, G chain NMB0249 [imported]
0.02	Down	AI847162	myo-inositol 1-phosphate synthase A1
0.033	Down	AI463106	NADH dehydrogenase subunit 5

CLN3 Hormone/Steroid

0.014	Up	U86783	steroid/thyroid hormone orphan nuclear receptor
0.035	Up	Y17567	M24 pheromone receptor
0.037	Up	U97327	calyculin binding protein
0.043	Up	AW122685	androgen receptor
0.016	Down	Y16518	putative role in peptide modification
0.021	Down	AB010266	steroid 21-hydroxylase

CLN3 Inflammation/Immune

0	Up	AF067062	unknown
0.014	Up	AI510297	histocompatibility 2, M region locus 10.1
0.024	Up	AF042086	immunoglobulin heavy chain V-DSP2.7-JH2 region
0.035	Up	M89641	interferon alpha/beta receptor
0.037	Up	M29697	IL7
0.038	Up	AA674794	class I histocompatibility antigen Maru-UB-01 alpha chain precursor
0.004	Down	AE000665	TCRβV14S1
0.009	Down	U88327	suppressor of cytokine signalling-2
0.012	Down	AV122373	FAS antigen CD95
0.02	Down	AC002397	C3F
0.021	Down	U60473	complement inhibitory protein CD59
0.027	Down	U60020	TAP1-g7
0.029	Down	AW124975	small inducible cytokine A27
0.044	Down	U31993	interleukin 17 receptor
0.049	Down	X82692	variable region of Ig heavy chain

CLN3 Lipid Metabolism

0.001	Up	AI845584	lipoxygenase
0.008	Up	AV040572	oxidosqualene cyclase
0.011	Up	X87685	sterol carrier protein
0.019	Up	AI607867	APOLIPOPROTEIN(A) (APO(A)) (LP(A))
0.025	Up	AA921424	DIACYLGLYCEROL KINASE, DELTA
0.034	Up	AA797884	APOLIPOPROTEIN(A) (APO(A)) (LP(A))
0.037	Up	AI841705	3-ketoacyl-CoA thiolase B
0.044	Up	U04827	brain fatty acid-binding protein
0.045	Up	X14961	FABP -Fatty Acid Binding Protein
0.049	Up	AV380611	phenylethanolamine N-methyltransferase
0.003	Down	L28836	peroxisome membrane protein
0.004	Down	X56824	haem oxygenase
0.01	Down	AW046357	lipid transfer like protein
0.012	Down	AI853974	fatty-acid synthase
0.018	Down	AW046579	low density lipoprotein receptor-related protein 2 LRP2
0.019	Down	X82648	apolipoprotein D
0.031	Down	AF037437	prosaposin
0.036	Down	AW124813	dihydroilpoamide S-acyltransferase (EC 2.3.1.12), liver
0.039	Down	AI846851	testis-specific farnesyl pyrophosphate synthetase
0.048	Down	D29639	3-hydroxyacyl CoA dehydrogenase

CLN3 Lysosome/Endosome

0.01	Up	AW121188	putative alkaline phosphatase
0.019	Up	AI152390	sialidase 2 (cytosolic sialidase)
0.029	Up	U09010	Mbil,mannose binding protein
0.049	Up	AW261781	Similar to ATPase, H+ transporting, lysosomal
0.02	Down	AV380387	endo-1,4-beta-xylanase
0.021	Down	U87240	lysosomal alpha-mannosidase
0.028	Down	AB011451	N-acetylglucosamine-6-O-sulfotransferase
0.046	Down	AI837715	probable alpha-mannosidase - fission yeast
0.047	Down	Y11342	GalNAc alpha-2,6-sialyltransferase

CLN3 Mitochondrial Function

0.011	Up	L01062	ATP synthase alpha subunit
0.026	Up	AW060921	mitochondrial ribosomal protein S18a
0.05	Up	AA655369	translocase of inner mitochondrial membrane 8 homolog a (yeast)
0.01	Down	AI836330	ATP SYNTHASE A CHAIN (PROTEIN 6)
0.014	Down	AF017175	carnitine palmitoyltransferase I
0.02	Down	AV361849	ATP synthase F0 subunit 8
0.028	Down	AV225882	cytochrome b

CLN3 Neuronal Function

0.015	Up	X14943	F3 protein (AA 1-1000)
0.016	Down	AI850988	neural recognition molecule NB-3
0.019	Down	AW124597	neurogenin 3
0.032	Down	Y11896	cysteine-rich hydrophobic 1 (CHIC1) protein
0.038	Down	M37335	myelin proteolipid protein
0.044	Down	Y07688	transcription factor NfiX
0.045	Down	AI847582	brain protein
0.046	Down	U81317	myelin-associated/oligodendrocyte basic protein

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CLN3 Nuclear Function

0.005	Up	AV343519	NUCLEAR ENVELOPE PORE MEMBRANE PROTEIN POM 121
0.005	Up	AI847507	nucleoporin 214kD (CAIN)
0.007	Up	X16995	N10 nuclear protein
0.048	Up	AB009275	matrin3

CLN3 Proteolysis

0.002	Up	AW120489	BETA-LYTIC METALLOENDOPEPTIDASE PRECURSOR
0.01	Up	AV247559	kexin-like protease KEX1
0.015	Up	X92665	ubiquitin-conjugating enzyme UbcM3
0.019	Up	AI840925	serine (or cysteine) proteinase inhibitor, clade I
0.02	Up	AV235904	putative ubiquitin activating enzyme
0.021	Up	AJ000990	legumain
0.024	Up	AW047511	zinc metalloendopeptidase
0.026	Up	AI853531	possible serine protease
0.029	Up	AW125296	zinc metalloprotease
0.032	Up	AI842208	ADAM-TS 2 PRECURSOR
0.034	Up	AE000664	trypsinogen 11
0.039	Up	AI505553	cysteine protease
0.048	Up	AI838853	ubiquitin C-terminal hydrolase UCH-L5
0.049	Up	AW121693	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11
0.004	Down	AI837415	similar to ubiquitin carrier protein; ubiquitin-protein ligase;
0.028	Down	AE000664	trypsinogen 11
0.034	Down	AV056986	SERINE PROTEASE SP24D PRECURSOR (AGSP24D)
0.035	Down	U12620	dipeptidyl peptidase IV

CLN3 Protein Synthesis

0	Up	X03039	elf-4A1
0.001	Up	AI843401	translation elongation factor EF-Tu precursor
0.025	Up	AI835460	translational control protein 80

CLN3 Receptor

0	Up	AI594653	ryanodine receptor
0.027	Up	AV283231	retinoic acid receptor homologue
0.04	Up	X66223	retinoid X receptor-alpha
0.014	Down	AA982714	BETA-ADRENERGIC RECEPTOR KINASE 1 (BETA-ARK-1)
0.04	Down	AI326288	cholinergic receptor, nicotinic, epsilon polypeptide; acetylcholine
0.043	Down	AJ250490	receptor activity modifying protein 2

CLN3 RNA Synthesis/Processing

0.002	Up	AW048882	mitochondrial isoleucine tRNA synthetase
0.007	Up	AV259366	ribosomal protein L14
0.021	Up	D83999	the third largest RNA polymerase II subunit
0.021	Up	AF031568	heterogeneous nuclear ribonucleoprotein G
0.025	Up	AV105022	ribosomal protein L10; QM gene; DNA segment on chromosome X
0.041	Up	AF073993	heterogeneous nuclear ribonucleoprotein A2/B1
0.041	Up	AA666464	DNA-dependent RNA polymerase subunit beta
0.042	Up	U29402	acidic ribosomal phosphoprotein P1
0.043	Up	AI835685	pre-mRNA processing 8 protein
0.044	Up	AV104703	ribosomal protein L10a
0.045	Up	AV173341	putative ATP-dependent RNA helicase A
0.019	Down	AW122643	RNA-dependent RNA polymerase P1-P2 fusion protein
0.019	Down	U58280	second largest subunit of RNA polymerase I
0.02	Down	AI428240	similar to ribosomal protein L10; QM gene; DNA segment on
0.022	Down	U19891	CBF
0.022	Down	AV069212	ribosomal protein S12
0.029	Down	AI846197	ribosomal protein L11
0.029	Down	AV364753	(Pet112) Glu tRNA Gln amidotransferase (B subunit)
0.035	Down	AB016424	RBM3
0.038	Down	U90446	RNase L inhibitor
0.039	Down	L04280	ribosomal protein L12
0.041	Down	AV239870	RNA polymerase alpha subunit
0.044	Down	AI840981	RNA-BINDING PROTEIN 10
0.045	Down	AW122398	splicing factor 30, survival of motor neuron-related
0.045	Down	AW214428	methionine-tRNA synthetase

CLN3 Surface/Adhesion/Cell Structure

0.005	Up	AW123880	collagen pro alpha-chain
0.006	Up	AI842715	laminin 12 gamma 3 chain
0.01	Up	X15202	mat. Fn receptor beta chain (AA 1 - 779)
0.012	Up	AV141800	collagenase
0.014	Up	AI118905	COLLAGEN ALPHA 2(I) CHAIN PRECURSOR
0.026	Up	M63801	connexin 43
0.033	Up	D21253	OB-cadherin-1
0.039	Up	AI836034	LIM-domain protein LMP-1
0.041	Up	AI605405	putative cuticular collagen
0.046	Up	U43541	laminin beta 2
0.05	None	D25282	alpha N-catenin II
0.011	Down	M77174	perlecan
0.013	Down	U43327	laminin gamma 2 chain
0.015	Down	U89489	LIM homeobox protein cofactor CLIM-1b
0.016	Down	U26437	TimP3
0.027	Down	AJ006469	cartilage-associated protein (CASP)
0.032	Down	X65506	type I keratin 48kD (MHRa-1)
0.037	Down	Y14771	paralemmin
0.04	Down	AI839731	feather keratin
0.045	Down	AW214436	claudin 7; claudin-7

T-test P Value	Change Direction	Gene Accession	Protein Description
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CLN3 Signalling/Cell Growth

0.001	Up	U29055	G protein beta 36 subunit
0.002	Up	L12367	adenylyl cyclase-associated protein
0.003	Up	X70764	serine/threonine protein kinase
0.003	Up	AV220659	PHOSPHORIBOSYL-AMP CYCLOHYDROLASE (PRA-CH)
0.004	Up	AF005886	cyclin I
0.005	Up	M59821	growth factor-inducible protein
0.011	Up	U22445	serine/threonine kinase
0.013	Up	AF068921	Ras-binding protein SUR-8
0.014	Up	D86725	mMCM2
0.014	Up	AW047139	mitogen inducible gene mig-2
0.015	Up	AI852734	WASP family 1
0.015	Up	AF020737	fibroblast growth factor-related protein FGF-13
0.018	Up	AU040583	TUMOR NECROSIS FACTOR LIGAND SUPERFAMILY MEMBER 13B
0.024	Up	M92420	transforming growth factor-alpha
0.025	Up	M17962	EGF-BP
0.026	Up	L49507	cyclin G1
0.027	Up	AI854630	receptor protein-tyrosine kinase - human
0.027	Up	AF008914	somatostatin receptor type 2
0.029	Up	AV263339	calmodulin-stimulated cyclic nucleotide
0.03	Up	AB017697	21-kDa TBP-like protein
0.032	Up	AF036332	nemo-like kinase
0.033	Up	AV258906	c-mos gene
0.034	Up	AB023027	CAMK1-beta2
0.036	Up	U20735	transcription factor junB
0.036	Up	U59864	I-TRAF
0.037	Up	X61940	3CH134
0.037	Up	AF064088	transcription factor GIF
0.038	Up	AF051347	REX-3
0.039	Up	AW125079	BTE-binding protein 2
0.04	Up	M18209	transcription factor S-11
0.04	Up	AU017193	TYROSINE-PROTEIN KINASE JAK3 (JANUS KINASE 3) (JAK-3)
0.041	Up	L35236	mitogen-activated protein kinase
0.043	Up	AI593074	tumor protein p53-binding protein, 1; tumor protein 53-binding
0.043	Up	AI849126	protein phosphatase-1 regulatory subunit 7
0.043	Up	M60285	cAMP-responsive element modulator
0.049	Up	AI835712	small GTPase Rah
0.05	Up	AI326966	putative G protein-coupled receptor (SENR) gene
0.05	None	U00937	GADD45 protein
0.002	Down	D76432	deltaEF1
0.003	Down	AJ000654	p70 s6k, p85 s6k
0.006	Down	U28217	protein tyrosine phosphatase STEP61
0.009	Down	M36777	GTP-binding protein alpha
0.011	Down	AV299547	receptor serine/threonine kinase
0.013	Down	AW046257	osteotesticular protein tyrosine phosphatase
0.013	Down	AI841844	putative phosphatase subunit
0.014	Down	AF033565	cdc2/CDC28-like protein kinase 3
0.026	Down	C79210	putative CAMP protein
0.027	Down	AF010133	Smad6
0.028	Down	U51866	casein kinase II alpha subunit
0.032	Down	AI837726	RAP2B, member of RAS oncogene family
0.032	Down	AF014117	GDNF receptor alpha
0.033	Down	AB009245	Stem cell growth factor
0.034	Down	AF014371	Rho family GTPase
0.035	Down	AF095640	cyclin T1
0.035	Down	AI747899	phosphatidylinositol transfer protein, beta; phosphatidylinositol
0.035	Down	AF080580	CLK-1
0.036	Down	U57345	protein tyrosine phosphatase-NP
0.037	Down	AW122933	ectonucleotide pyrophosphatase/phosphodiesterase 2
0.04	Down	AB016602	G-protein coupled receptor
0.04	Down	U19799	IkB-beta
0.041	Down	AF030635	FK-506 binding protein homolog
0.043	Down	AI840785	punt receptor serine/threonine kinase
0.044	Down	AB011812	PKC delta II
0.045	Down	AF011644	oral tumor suppressor homolog
0.048	Down	AV293879	pigment epithelium-derived factor
0.048	Down	AW125179	Cdc42 guanine exchange factor (GEF) 9; KIAA0424 protein
0.05	Down	M62301	growth/differentiation factor 1

CLN3 Trafficking

0.008	Up	AF007552	Bet1p homolog
0.017	Up	AI020792	coatomer protein complex, subunit gamma 1
0.021	Up	AJ002387	BiP
0.021	Up	AF104358	synectin
0.021	Up	U71202	rin
0.023	Up	AF022962	Sec8
0.025	Up	X51429	mature chromogranin B (AA 1-657)
0.026	Up	AF041859	synaptojanin 2 isoform epsilon
0.029	Up	AF071312	COP9 complex subunit 2
0.033	Up	U10355	synaptotagmin 4
0.035	Up	AI846783	COP1 protein
0.037	Up	AF043260	SH2/SH3 adaptor protein
0.008	Down	U52461	BG
0.009	Down	D49544	KIFC1
0.01	Down	D29951	kinesin family protein KIF1a
0.012	Down	U91933	AP-3 complex sigma3B subunit
0.014	Down	AW122429	synapsin Ib
0.017	Down	AV380832	prenylated RAB acceptor 1
0.023	Down	L40632	ankyrin 3
0.038	Down	D45858	synaptotagmin III

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CLN3 1 transportation			
0.003	Up	AV052394	multidrug resistance protein homolog (mdr) - African clawed frog
0.004	Up	AA268496	solute carrier family 19 (sodium/hydrogen exchanger), member 3
0.012	Up	AF060539	channel interacting PDZ domain protein
0.017	Up	A1314990	Menkes disease gene product
0.018	Up	AW124224	probable sulfate transporter
0.028	Up	M22998	facilitated glucose transport protein
0.011	Down	A1836270	solute carrier family 6 (neurotransmitter transporter, creatine),
0.024	Down	Y00305	brain potassium channel protein
0.029	Down	U48398	mercurial-insensitive water channel 2
0.035	Down	A1839280	probable protein translation factor sui1 homolog
0.042	Down	A1327164	probable transmembrane transport protein Cj0250c [imported] -
0.048	Down	M64228	potassium channel protein

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CLN3 Unknown

0	Up	M28845	Krox 24
0	Up	M24377	Krox-20
0	Up	AA790279	PsbAb
0	Up	AI852663	unknown
0	Up	AA760359	unknown
0	Up	AI413179	hypothetical protein MGC7607
0	Up	AI845935	hypothetical protein Rv2181
0	Up	AL117956	unknown
0	Up	AV301516	putative resistance gene analog PIC23
0.001	Up	AI851315	InsC protein [imported]
0.001	Up	AV258751	unknown
0.001	Up	AI646267	putative
0.001	Up	AI429098	putative
0.002	Up	AI852001	CG8454 gene product
0.002	Up	AI849011	putative
0.002	Up	AW046627	rarD protein homolog yojE
0.002	Up	AI117859	Ski7p
0.002	Up	AW120755	putative
0.002	Up	AI842377	Unknown (protein for MGC:12007)
0.002	Up	AV305286	unknown
0.003	Up	AI839158	RIKEN cDNA 6720456J22 gene
0.003	Up	AA673062	unknown
0.004	Up	AW045753	RIKEN cDNA 1110015E22 gene
0.004	Up	AW048608	putative
0.004	Up	AI504506	putative
0.004	Up	AV055653	unknown
0.004	Up	AW048977	unknown
0.004	Up	AI851815	putative
0.004	Up	AV299975	putative
0.004	Up	AV092698	DNA segment, Chr 2, Massachusetts Institute of Technology 19; von
0.004	Up	AA623231	hypothetical protein (B2 element)
0.004	Up	AA178207	hypothetical protein 242
0.004	Up	AW121854	unknown
0.005	Up	AB009392	protein L
0.005	Up	AW215489	unknown
0.005	Up	AI851542	unknown
0.005	Up	AA755234	unknown
0.005	Up	AV099892	unknown
0.005	Up	AW047830	unknown
0.005	Up	AV214430	Hypothetical protein Y17G9A.4
0.005	Up	AV277980	chaperonin containing TCP-1 zeta-2 subunit
0.006	Up	AI848952	unknown
0.006	Up	AI851048	putative
0.006	Up	AI391264	hypothetical protein KIAA0602
0.007	Up	AI844396	virus envelope protein spike [porcine transmissible
0.007	Up	AW047330	unknown
0.007	Up	AI426210	putative
0.008	Up	AI841960	hypothetical protein
0.008	Up	AI839117	unknown
0.008	Up	AA986395	putative
0.008	Up	AI853721	hypothetical protein
0.008	Up	AB013095	heme-binding protein
0.008	Up	AW258842	RIKEN cDNA 2510049I19 gene
0.008	Up	AW047207	putative
0.008	Up	AW121650	unknown
0.008	Up	AV258801	putative
0.009	Up	AI844089	Unknown (protein for MGC:8232)
0.009	Up	AI848822	putative
0.009	Up	AV054675	capsid protein
0.009	Up	AV145522	hypothetical protein MTH749 -
0.009	Up	AV207280	putative
0.009	Up	AI837538	putative
0.01	Up	L32372	AMPA receptor subunit Glur-B
0.01	Up	C77009	putative
0.01	Up	AA189811	unknown
0.01	Up	AI844979	putative
0.01	Up	AA795613	RIKEN cDNA 0610040H15 gene
0.01	Up	AV122533	hypothetical protein C34D4.14
0.01	Up	AI848603	F26C17.7 gene product
0.011	Up	AI846243	unknown
0.011	Up	AV062608	putative
0.011	Up	AV298865	hypothetical protein C47A10.1
0.011	Up	AV216908	unknown
0.011	Up	AW125317	dJ1005F21.2.1 (novel GTP-binding protein, isoform 1)
0.012	Up	AI839653	putative
0.012	Up	AI839599	unknown
0.012	Up	AI840219	unknown
0.012	Up	AV006698	hypothetical protein T13F2.7
0.012	Up	AV209896	RIKEN cDNA 1810011O01 gene
0.012	Up	AU044792	putative transposase
0.013	Up	AI646301	unknown
0.013	Up	AW226968	RIKEN cDNA 1700023M09 gene
0.013	Up	AW060175	unknown
0.013	Up	AI844250	unknown
0.013	Up	AV238402	unknown
0.013	Up	AV300930	Unknown (protein for MGC:7316)
0.014	Up	U96810	unknown
0.014	Up	AV061042	putative
0.014	Up	AW227778	Hbs1-like (S. cerevisiae); eukaryotic release factor 3 [Mus
0.014	Up	AW048176	unknown
0.014	Up	AI503802	unknown
0.015	Up	AW049290	unknown
0.016	Up	AI846077	unknown

CLN3

T-test P Value	Change Direction	Gene Accession	Protein Description
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CLN3 Unknown

0.016	Up	AI481660	unknown
0.016	Up	AI552550	unknown
0.017	Up	AI846060	CysRS protein
0.017	Up	C76213	putative
0.017	Up	AI854226	unknown
0.017	Up	AI853444	putative
0.017	Up	AI848573	unknown
0.017	Up	AW045988	CG6614 gene product
0.017	Up	AV297806	unknown
0.017	Up	AW060340	putative
0.017	Up	AI507434	putative
0.018	Up	AW050142	unknown
0.018	Up	AW123589	unknown
0.018	Up	AA517835	unknown
0.018	Up	AA693221	putative
0.018	Up	AV233919	CG14219 gene product
0.018	Up	AI848604	unknown
0.018	Up	AI838599	putative
0.019	Up	AI851574	mage-d2
0.019	Up	AI643420	unknown
0.019	Up	AW060203	unknown
0.019	Up	AI429518	unknown
0.019	Up	AI505203	putative
0.02	Up	AV170373	hypothetical protein FLJ10378
0.02	Up	AW045476	unknown
0.02	Up	AV313342	unknown
0.02	Up	AI451308	unknown
0.021	Up	AI157548	putative
0.021	Up	AV223832	unknown
0.021	Up	AI837996	latent membrane protein 1
0.022	Up	AW045230	hypothetical protein, CHR1.375
0.022	Up	AI839395	RIKEN cDNA 2900055D03 gene
0.022	Up	AW261800	putative
0.023	Up	AI837302	RIKEN cDNA 1010001C05 gene
0.023	Up	AV321353	putative
0.023	Up	AA656775	putative
0.023	Up	AI385557	unknown
0.023	Up	AI415624	RIKEN cDNA 5730493B19 gene
0.023	Up	AW121951	unknown
0.023	Up	AV214584	putative
0.025	Up	AI839615	unknown
0.025	Up	AV090163	hypothetical protein
0.025	Up	AW046083	hypothetical protein
0.026	Up	AI853706	CG8090 gene product
0.026	Up	AI854300	unknown
0.026	Up	AW123099	putative
0.026	Up	AW060765	unknown
0.026	Up	AW122501	unknown
0.026	Up	AI450803	putative protein
0.026	Up	AI037657	putative
0.027	Up	AI845514	unknown
0.027	Up	AV209604	putative
0.027	Up	AI642465	unknown
0.028	Up	AV308061	unknown
0.028	Up	AI845538	putative
0.028	Up	AU024310	unknown
0.028	Up	AV153111	CG9007 gene product
0.028	Up	AI447270	MLTK-alpha
0.029	Up	AB017616	similar to yeast YGR163W
0.029	Up	U89993	lymphocyte specific adaptor protein Lnk
0.029	Up	AI849549	unknown
0.029	Up	AV307485	XA-1 PROTEIN PRECURSOR
0.029	Up	AV259026	RIKEN cDNA 4930449I24 gene
0.03	Up	AW047870	putative
0.03	Up	AI852034	unknown
0.03	Up	AI853444	putative
0.03	Up	AV299495	contains similarity to cell wall-plasma membrane linker
0.031	Up	AI843444	CG3209 gene product
0.031	Up	AA958560	hypothetical protein
0.031	Up	AI747444	putative
0.031	Up	AW049497	hypothetical protein H02F09.1
0.031	Up	AV252020	unknown
0.032	Up	AI843518	unknown
0.032	Up	AV124842	RIKEN cDNA 1110058A15 gene
0.032	Up	AI839918	putative
0.032	Up	AI853313	unknown
0.032	Up	AI643489	RIKEN cDNA 5730493B19 gene
0.032	Up	AU042764	putative
0.033	Up	AW121568	putative
0.033	Up	D86917	CNR2
0.033	Up	AW048294	unknown
0.033	Up	AV111532	unknown
0.034	Up	AI852623	unknown
0.034	Up	AW121453	ALU SUBFAMILY SB2 SEQUENCE CONTAMINATION WARNING
0.034	Up	AI467356	unknown
0.035	Up	AI844355	unknown
0.035	Up	X17069	unknown protein
0.035	Up	AV331875	HYPOTHETICAL 65.5 KD PROTEIN C07A9.11 IN CHROMOSOME III
0.036	Up	AI851650	RIKEN cDNA 0610041O14 gene
0.036	Up	AV160444	unnamed protein product
0.036	Up	AW214510	putative
0.037	Up	AI844549	RIKEN cDNA 1500003D12 gene
0.037	Up	AI848527	putative

CLN3

T-test P Value	Change Direction	Gene Accession	Protein Description
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CLN3 Unknown

0.037	Up	AU040252	putative
0.038	Up	AW120783	putative
0.038	Up	AA921069	Myo16 protein
0.038	Up	AW047074	putative
0.038	Up	AI839876	unknown
0.038	Up	AA657044	putative
0.038	Up	AI851350	cryptogene protein G4
0.038	Up	AI503402	unknown
0.038	Up	AV044163	unknown
0.038	Up	AW046526	Similar to Populus balsamifera subsp. trichocarpa X
0.039	Up	AA960466	unknown
0.039	Up	AA607429	regulatory protein E2
0.039	Up	AV124293	islet mitochondrial antigen, 38 kD
0.04	Up	AI838249	putative
0.04	Up	C76213	putative
0.04	Up	L17069	All-1 protein
0.04	Up	AI853318	unknown
0.04	Up	C80900	putative
0.04	Up	AI042726	unknown
0.04	Up	AA689070	putative
0.041	Up	AA268474	unknown
0.041	Up	AV300302	DDM36
0.041	Up	AV292526	putative
0.042	Up	AI836083	putative
0.042	Up	AI847784	unknown
0.042	Up	AI449664	unknown
0.042	Up	AV099879	unknown
0.042	Up	AI120487	RmbA
0.042	Up	AI504494	putative
0.042	Up	AW108245	putative
0.043	Up	AW120676	RIKEN cDNA 0910001B06 gene
0.043	Up	AI846078	unknown
0.043	Up	AW125120	RIKEN cDNA 2810429N01 gene
0.044	Up	AW209098	putative
0.044	Up	AW123032	hypothetical protein T10H9.1
0.044	Up	AV308061	unknown
0.045	Up	AI849035	RIKEN cDNA 2700043I21 gene
0.045	Up	AV280750	hypothetical protein [imported]
0.045	Up	AI845108	unknown
0.045	Up	AV299661	unknown
0.045	Up	AI645108	unknown
0.045	Up	AI606089	unknown
0.045	Up	AI452037	putative
0.045	Up	AI415206	CG11323 gene product
0.046	Up	U17259	p19
0.046	Up	AA080573	KIAA1451 protein
0.047	Up	AW121012	periplasmic (NiFe) hydrogenase large subunit; HydB;
0.047	Up	AW047503	hypothetical protein, 2-6
0.047	Up	AW060186	CGI-118 protein
0.047	Up	AI505820	ZINC FINGER PROTEIN 81
0.047	Up	AI661110	RIKEN cDNA 5730493B19 gene
0.048	Up	AW124599	putative
0.048	Up	AV372413	unknown
0.048	Up	L31532	Seq info not available
0.048	Up	AI426811	hypothetical protein C0850c - malaria parasite
0.048	Up	C85326	unknown
0.048	Up	AV368327	related to finger protein AZF1
0.049	Up	AI854527	putative
0.049	Up	AI841996	putative erythrocyte binding protein EBL-1
0.05	Up	AI847896	putative
0.05	Up	AI846308	putative
0	Down	AW120976	putative
0	Down	M5512	wilms tumor gene
0.001	Down	AI835989	unknown
0.001	Down	AB022316	semaphorin W
0.001	Down	AI226923	alcohol dehydrogenase, zinc-containing
0.002	Down	AW047459	unknown
0.002	Down	AV025514	unknown
0.002	Down	AI846675	zinc finger protein 35
0.003	Down	AI848354	ORF1
0.003	Down	AV091649	unknown
0.003	Down	AI851332	RIKEN cDNA 6030432N09 gene
0.003	Down	AB007599	MD-1
0.004	Down	AI449087	unknown
0.005	Down	AI840975	unknown
0.005	Down	AI839632	putative
0.005	Down	AI595382	membrane related protein-like
0.005	Down	W49316	putative
0.005	Down	AI596362	unknown
0.007	Down	AV252882	putative sigma-B regulator
0.008	Down	AW125865	relaxin-like protein
0.008	Down	AI845798	unknown
0.009	Down	AW049735	unknown
0.009	Down	AW121186	putative
0.009	Down	AI838655	hypothetical protein K07C5.6
0.009	Down	AI463656	unknown
0.009	Down	AV297156	unknown
0.01	Down	AI854154	putative
0.01	Down	U13370	unknown
0.01	Down	AW046496	putative
0.01	Down	AV305379	unknown

T-test P Value	Change Direction	Gene Accession	Protein Description
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CLN3 Unknown

0.01	Down	AU042394	RIKEN cDNA 9030605E16
0.011	Down	AI847045	hypothetical protein
0.011	Down	AI837630	HMG box factor SOX-13
0.011	Down	AV255723	unknown
0.012	Down	AW120767	putative
0.012	Down	AA144272	cdd3-like protein ScnE
0.012	Down	AI837543	cellulase (EC 3.2.1.4) D precursor [validated]
0.012	Down	AV026068	unknown
0.012	Down	AI846013	unknown
0.012	Down	AI427839	putative
0.013	Down	AV152850	unknown
0.013	Down	AW060951	hypothetical protein
0.013	Down	AI551047	hypothetical protein YUP8H12R.44
0.013	Down	AW060505	Unknown (protein for MGC:14288)
0.014	Down	AI849834	TRANSCRIPTION FACTOR SOX-11
0.014	Down	AI846932	unknown
0.014	Down	AV160578	RIKEN cDNA 1500001J14 gene
0.015	Down	AW123807	relaxin-like protein
0.015	Down	AV360058	major capsid protein
0.015	Down	AU022215	unknown
0.015	Down	AI643628	putative
0.015	Down	AU046172	envelope protein
0.016	Down	AI853715	Similar to hypothetical protein DKFZp434G156
0.016	Down	AV232610	CG14324 gene product
0.016	Down	AI845856	putative
0.016	Down	AV254566	hypothetical protein DKFZp434K031.1
0.016	Down	AW125046	hypothetical protein, MNCb-3350; putative zinc finger protein
0.016	Down	AV346092	Similar to phosphatidic acid phosphatase type 2B
0.017	Down	AW120786	unknown
0.017	Down	AW121255	putative
0.017	Down	AA968123	Unknown (protein for MGC:14961)
0.017	Down	AW121776	unknown
0.017	Down	AF069954	unknown
0.017	Down	AI450772	Orf16
0.018	Down	AI848510	unknown
0.018	Down	AI852917	hypothetical protein M01B12.2
0.018	Down	AI643487	putative
0.019	Down	AW122165	hypothetical protein L377.06
0.019	Down	AI415274	unknown
0.019	Down	AI847938	unknown
0.019	Down	AV095183	unknown
0.02	Down	AV138114	zinc finger protein 10
0.02	Down	AA683850	putative
0.02	Down	AI853219	putative
0.02	Down	AW120913	unknown
0.02	Down	AI428344	unknown
0.02	Down	AI851202	unknown
0.021	Down	AI852589	P109 protein
0.021	Down	AV280207	putative
0.022	Down	AW125086	RIKEN cDNA 1110032G10 gene
0.022	Down	AI842734	putative
0.022	Down	AV341985	predicted using hexExon; MAL3P2.22 (PFC0265c).
0.022	Down	AV044001	unknown
0.022	Down	AI644166	unknown
0.023	Down	AI844222	putative
0.023	Down	AW121496	Unknown (protein for IMAGE:3482450)
0.023	Down	AV052020	unknown
0.023	Down	AA793002	unknown
0.023	Down	AV236370	hypothetical protein W04D2.5
0.024	Down	AV341518	membrane protein
0.024	Down	AA874329	unknown
0.024	Down	AW122731	hypothetical protein-similar to Arabidopsis thaliana
0.024	Down	AI854431	hypothetical protein F26D2.14
0.025	Down	AW122689	ScbA protein
0.025	Down	D78255	PAP-1
0.025	Down	AW125336	unknown
0.025	Down	AI846097	CHLOROSOME PROTEIN J
0.025	Down	AV099629	unknown
0.025	Down	AW047741	hypothetical protein
0.025	Down	AU015946	ZONA PELLUCIDA SPERM-BINDING PROTEIN 3A PRECURSOR
0.026	Down	AI391071	Similar to transducin-like enhancer of split 3, homolog
0.027	Down	AA739415	F21D18.10
0.027	Down	AV333838	unknown
0.027	Down	AI194333	putative
0.027	Down	AI448715	gamete-specific hydroxyproline-rich glycoprotein a2
0.027	Down	AI846782	unknown
0.027	Down	AW045525	putative
0.028	Down	AV019864	RIKEN cDNA 1300009F09 gene
0.028	Down	AA863717	putative
0.028	Down	AV027145	unknown
0.028	Down	AV325051	unknown protein
0.029	Down	AW046278	CG12048 gene product
0.029	Down	AI836812	unknown
0.029	Down	AI848623	unknown
0.029	Down	AI464261	hypothetical protein (B2 element)
0.029	Down	AV028412	CG15570 gene product
0.03	Down	AI852682	unknown
0.03	Down	C80000	putative
0.03	Down	D85785	BIT
0.03	Down	X88903	Fv fragment variable light chain
0.03	Down	AI842194	contains ESTs

T-test P Value	Change Direction	Gene Accession	Protein Description
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CLN3 Unknown

0.03	Down	AW120748	unknown
0.031	Down	AI504953	unknown
0.032	Down	AA241764	vrlM protein
0.032	Down	AW124812	putative
0.032	Down	AI849344	unknown
0.032	Down	AW047018	env gene
0.032	Down	AW048729	unknown
0.032	Down	AW121737	hypothetical protein MGC2655
0.032	Down	AV047103	putative
0.033	Down	C76146	cryptogene protein G1(ND8)
0.033	Down	AW125219	RIKEN cDNA 2310047C21 gene
0.033	Down	AV292472	unknown
0.033	Down	AV284333	CG7358 gene product
0.033	Down	AI850644	RIKEN cDNA 2310001L22 gene
0.033	Down	AI464643	unknown
0.033	Down	AI876539	unknown
0.033	Down	AV110829	putative
0.034	Down	AI839518	unknown
0.034	Down	AV276560	conserved hypothetical protein yhjI
0.034	Down	AV065962	unknown
0.034	Down	AI452255	putative
0.035	Down	AV209030	putative
0.035	Down	AI846885	putative
0.035	Down	AV248704	unknown
0.035	Down	AV260951	unknown
0.035	Down	AV160760	putative
0.035	Down	AU040986	putative
0.035	Down	AW214182	CMP-KDO synthetase
0.036	Down	AI846811	hypothetical protein T22B2.1
0.036	Down	AV333320	hypothetical protein F11C3.2
0.036	Down	AA606318	unknown
0.036	Down	AA623401	conserved hypothetical protein NMB0593 [imported]
0.036	Down	U03003	cryptdin-6
0.036	Down	AW046442	MSTP042
0.036	Down	AW124656	unknown
0.036	Down	AI462718	unknown
0.036	Down	AW124255	CG15615 gene product
0.036	Down	AW122921	unknown
0.037	Down	AI641895	unknown
0.037	Down	AV319363	unknown
0.037	Down	AA437480	hypothetical protein DKFZp434P1818.1
0.038	Down	AI593555	unknown
0.038	Down	AI604900	unknown
0.038	Down	AA500659	putative L1 polyprotein
0.039	Down	AW060422	putative
0.039	Down	AI846126	unknown
0.039	Down	AA245183	putative integral membrane protein
0.039	Down	AV349827	unknown
0.039	Down	U84207	CTP-phosphochlorine cytidyl transferase
0.039	Down	AW123823	CG11066 gene product
0.039	Down	AV374129	unknown
0.039	Down	AA168388	hypothetical protein TP1001
0.039	Down	AU015740	DNA segment, single copy, probe pH4
0.04	Down	AA815831	unknown
0.04	Down	AA879590	putative
0.04	Down	AA189744	hypothetical protein C43F9.4
0.04	Down	AI837749	unknown
0.041	Down	M34896	Evi-2
0.041	Down	AI115009	unknown
0.041	Down	AW123201	unknown
0.041	Down	AW045806	E3A 276R
0.042	Down	AI845103	CG2974 gene product
0.042	Down	AV371196	transcriptional activator
0.042	Down	AI465522	unknown
0.042	Down	AI644064	putative
0.042	Down	AV260137	putative
0.043	Down	AV322862	putative
0.043	Down	AA759910	DC6 protein
0.043	Down	D10627	zinc finger protein
0.044	Down	AB003305	Seq info not available
0.044	Down	AI604773	papillary renal cell carcinoma-associated protein
0.044	Down	AI845896	folliculin-like 3
0.044	Down	AI837492	R32184_3
0.044	Down	AW124077	hypothetical protein FLJ12154
0.044	Down	AI481334	F3F9.7
0.044	Down	AV327336	unknown
0.044	Down	AA824172	unknown
0.044	Down	AW048273	unknown
0.044	Down	AV320482	unknown
0.044	Down	AI449887	hypothetical protein aq_1264
0.044	Down	AI987797	putative
0.044	Down	AV309240	SMCX
0.044	Down	AA759519	islet mitochondrial antigen, 38 kD
0.045	Down	AW048886	Vng2582h
0.045	Down	AA959954	putative
0.045	Down	AV023830	unknown
0.045	Down	AI448588	unknown
0.046	Down	AV050057	unknown
0.048	Down	C80249	putative
0.048	Down	AW123402	putative

T-test P Value	Change Direction	Gene Accession	Protein Description
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CLN3 Unknown

0.048	Down	AI647612	unknown
0.048	Down	AI662586	disease resistance protein I2
0.048	Down	AV235919	unknown
0.048	Down	AI853747	unknown
0.049	Down	AI848078	unknown
0.049	Down	L13171	MEF 2C
0.049	Down	AI838592	adherence factor TC0438
0.049	Down	AI153582	unknown
0.049	Down	AV102569	putative
0.049	Down	AI415360	putative
0.049	Down	AV088695	putative
0.05	Down	L77867	possibin MEP protein
0.05	Down	AI852664	unknown
0.05	Down	AV311939	BG:DS07108.2 gene product

T-test P Value	Change Direction	Gene Accession	Protein Description
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CLN3 No Category

0.001	Up	D90225	OSF-1
0.002	Up	AW123514	isoamyl alcohol oxidase
0.003	Up	AI551087	RETROVIRUS-RELATED GAG POLYPROTEIN
0.003	Up	AU024699	Usher syndrome type IIa protein
0.004	Up	D00754	acrosin mature peptide
0.006	Up	AI042699	smarce1-related protein
0.007	Up	AF039021	pericentriolar material 1
0.007	Up	M94087	mATF4
0.009	Up	AB012693	CD47
0.009	Up	Y09972	TAFI48 protein
0.009	Up	D83073	p38b
0.009	Up	AF071181	N-formylpeptide receptor-like 3
0.009	Up	U43548	transcription factor like protein 4
0.01	Up	AW120511	hypothetical protein FLJ11071
0.011	Up	U09268	PAC-1
0.011	Up	U38196	p55
0.011	Up	X95403	GTP-binding protein
0.014	Up	U47543	NGF1-A binding protein 2
0.014	Up	AF031380	KOI-4
0.016	Up	D86527	werner syndrome gene
0.018	Up	U12403	Csa-19
0.021	Up	AI591446	Yfr054cp
0.024	Up	AJ005667	SPR21 protein
0.025	Up	AF022992	Rigul
0.025	Up	U22325	facilitated dysplasia
0.026	Up	AI845580	FEMALE-SPECIFIC TRANSFORMER PROTEIN
0.026	Up	AI413403	X-linked retinopathy protein
0.027	Up	AI842938	hypothetical protein 91
0.027	Up	AI645573	KIAA1694 protein
0.028	Up	AB030894	odorant receptor MOR83
0.028	Up	U35142	retinoblastoma-binding protein mRbAp46
0.032	Up	Z80941	semaphorin H
0.034	Up	AB025407	sid2057p
0.034	Up	X56045	hypothetical protein A
0.034	Up	Y15163	mirg1 protein
0.035	Up	AA606998	Similar to zinc finger protein 14 (KOX 6)
0.035	Up	AV297215	Ymr196wp
0.036	Up	AW123805	similar to hypothetical protein FLJ10805
0.037	Up	X95480	integral membrane protein
0.037	Up	AI840643	putative salt-inducible protein
0.038	Up	M29264	SRP14
0.038	Up	AV308932	Ykr033cp
0.039	Up	M16512	gamma-D-crystallin
0.041	Up	U44088	TDAG51
0.043	Up	AW047331	hypothetical protein FLJ10597
0.043	Up	U82375	MSG2delta salivary protein
0.045	Up	AJ001116	transcriptional control factor
0.045	Up	AI839803	regulator protein
0.046	Up	AF044334	pleiotropic regulator 1
0.046	Up	U05333	cofactor A
0.047	Up	AB026583	Scr3
0.048	Up	AI430272	KIAA1727 protein
0.049	Up	AF096875	type 2 deiodinase
0.002	Down	U60884	SH3P9
0.003	Down	AJ242864	phf1 protein
0.004	Down	AV222925	Chain A, Ubx Domain From Human Faf1
0.005	Down	U20611	peroxidase
0.005	Down	AI448459	RANTES factor of late activated T lymphocytes-1
0.005	Down	AW048065	KIAA1482 protein
0.007	Down	AI849615	hypothetical protein 2
0.007	Down	AF069051	pituitary tumor transforming gene protein
0.01	Down	AB005451	RST
0.01	Down	AF020313	proline-rich protein 48
0.011	Down	U36842	MIHA
0.011	Down	AI595996	myocyte enhancer factor 2C
0.011	Down	AF012708	centromere protein C
0.012	Down	AI852647	KIAA1007 protein
0.012	Down	AI849459	KIAA1757 protein
0.018	Down	U40825	WW-domain binding protein 1
0.019	Down	AW047710	fez-like
0.02	Down	AJ223069	TCF-3 protein
0.021	Down	L48015	activin type IB receptor
0.021	Down	U51204	APC-binding protein EB2
0.021	Down	L28827	Huntington's Disease gene homologue
0.021	Down	AI428144	KIAA0601 protein
0.022	Down	AW121862	PPE family protein
0.022	Down	AW050085	Ctr86p
0.024	Down	U75321	chromaffin granule ATPase II homolog
0.025	Down	AV316504	KIAA1214 protein
0.026	Down	AW045742	nasopharyngeal carcinoma-related protein YH1
0.027	Down	AF043225	6-pyruvoyl-tetrahydropterin synthase
0.027	Down	AB025413	Ten-m4
0.028	Down	AA666669	Similar to KIAA0663 gene product
0.031	Down	U10120	SKD2
0.031	Down	AW125627	KIAA1694 protein
0.033	Down	AW120463	Chain A, Sevenfold Mutant Of Barley Beta-Amylase
0.035	Down	AF018952	aquaporin-8
0.036	Down	AA027472	polyprotein
0.038	Down	AI843258	protein

T-test P Value	Change Direction	Gene Accession	Protein Description
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CLN3 No Category

0.038	Down	AI850046	hypothetical protein FLJ13657
0.04	Down	U58882	Lasp-1
0.041	Down	AJ011033	KCC2 protein
0.043	Down	AW125010	HELG
0.045	Down	AI854510	unnamed protein product
0.045	Down	AF006492	FOG
0.047	Down	AA511266	capsid protein
0.047	Down	AI841415	TRANSFERRIN PRECURSOR