

CLN1

T-Test P Value	Change Direction	Gene Accession	Protein Description
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CLN1 Cell Death

0.004	Up	AW215585	BCL2-related protein A1
0.041	Up	U41465	BCL-6
0.048	Up	AA870917	programmed cell death 5
0.003	Down	U59746	Bcl-w
0.022	Down	AF011908	apoptosis associated tyrosine kinase
0.026	Down	AF027707	apoptosis activator Mtd

CLN1 Amino Acid

0.003	Up	AA389905	1-aminocyclopropane-1-carboxylate synthase 2
0.003	Up	AJ001598	vesicular inhibitory amino acid transporter
0.015	Up	AV341826	methionine aminopeptidase - Streptomyces coelicolor
0.015	Up	AV066500	peptidylprolyl isomerase C-associated protein
0.015	Up	AV291136	putative cysteine synthase; 39489-37437
0.039	Up	AI846433	probable glutamine amidotransferase PA3459
0.042	Up	AV363648	peptide-synthetase 3
0.005	Down	AJ222970	gamma-aminobutyric acid A receptor, subunit alpha
0.008	Down	AA789647	ACETYLGUTAMATE KINASE
0.011	Down	AV374384	ANTHRANILATE SYNTHASE COMPONENT I
0.011	Down	AI839819	D-amino acid oxidase
0.016	Down	L24554	adenylosuccinate synthetase
0.017	Down	AA982686	DEAD (aspartate-glutamate-alanine-aspartate) box polypeptide 25
0.026	Down	D13266	glutamate receptor channel delta 2 subunit
0.029	Down	L35029	NMDA receptor subunit NR2C
0.038	Down	D83262	neuronal glutamate transporter EAAT4
0.041	Down	L32372	AMPA-receptor Glur-B
0.046	Down	AI839544	ACONITATE HYDRATASE

CLN1 Blood/Vascular

0.001	Up	AV360742	plasminogen
0.007	Up	AI426509	fibrinogen A-alpha-chain
0.027	Up	J03520	plasminogen activator
0.044	Up	AI508931	vascular anastomotic upregulated protein
0.001	Down	AV227225	anthocyanin 1
0.019	Down	U57746	platelet activating factor acetylhydrolase
0.033	Down	X84797	hematopoietic specific protein 1
0.041	Down	AJ001616	myeloid associated differentiation protein

CLN1 Cytoskeleton

0.018	Up	M28727	alpha tubulin gene M-alpha
0.025	Up	M19436	myosin light chain
0.028	Up	AI837005	tropomyosin-related protein, neuronal
0.031	Up	J04181	a-x-actin
0.032	Up	AW124905	tubulin, beta, 2
0.036	Up	M21495	gamma-actin
0.036	Up	M13441	alpha tubulin gene M-alpha 6
0.026	Down	AI836271	integrin, beta-like 1 (with EGF-like repeat domains)
0.029	Down	AA688667	ankyrin 2, isoform 1; ankyrin-2, nonerythrocytic; ankyrin-B;
0.035	Down	AI157060	myosin I heavy chain kinase
0.039	Down	L00923	myosin I
0.043	Down	AI852101	similar to TUBULIN ALPHA-2 CHAIN
0.044	Down	AI849218	MAP/microtubule affinity-regulating kinase 3

CLN1 Development

0.022	Up	AV090294	patched-2 protein
0.03	Up	Y15001	Iroquois homeobox protein 3
0.031	Up	M18400	homeobox protein
0.033	Up	AI593759	notch4
0.044	Up	AW048287	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 1
0.047	Up	AI876264	contains similarity to humn deleted in split hand/split
0.049	Up	AF095905	CPETR2
0.004	Down	AI426285	syndecan 1
0.025	Down	AV239956	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 1
0.033	Down	AA822413	F-box and WD-40 domain protein 55
0.039	Down	AV063259	notch4

CLN1 DNA Replication/Mutation, Chromatin, Synthesis

0.012	Up	AI882445	DNA polymerase III, gamma and tau subunit
0.013	Up	X92411	MHR 23B
0.014	Up	X76089	DNA binding protein RFX2
0.024	Up	AW049974	5'(3')-deoxyribonucleotidase
0.028	Up	U58134	poly(A) polymerase VI
0.032	Up	AI843230	helicase-moi
0.041	Up	AV369013	DNA-binding protein
0.006	Down	W98657	methyl-CpG binding domain protein 2, isoform 1
0.012	Down	AI592554	replication protein Rep63B
0.013	Down	AF031486	spermidine aminopropyltransferase
0.024	Down	AB026432	XPE UV-damaged DNA binding factor
0.027	Down	AI848479	polymerase
0.029	Down	AJ133749	deoxyguanosine kinase 1
0.036	Down	AW259749	RAD50-interacting protein 1
0.046	Down	AI643490	chromatin remodelling complex protein SNF2L

CLN1 Detox/Stress

0.004	Up	U36993	cytochrome P450 Cyp7b1
0.011	Up	AV262554	heat shock transcription factor HSF31
0.012	Up	X60703	peroxidase
0.03	Up	AI326309	heat shock protein, 70 kDa 2
0.033	Up	AV013882	erritin heavy chain
0.035	Up	AI784955	CYTOCHROME P450 2C23
0.043	Up	AI786456	CYTOCHROME P450 2C41
0.046	Up	M77497	cytochrome P-450 naphthalene hydroxylase
0.013	Down	AF061503	heat shock transcription factor I
0.039	Down	Z31555	CCT (chaperonin containing TCP-1) epsilon

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CLN1 Energy Metabolism

0	Up	AW045468	glycogen synthase kinase 3 alpha
0.002	Up	AJ001418	pyruvate dehydrogenase kinase-like protein
0.015	Up	AW047121	hexokinase 3
0.018	Up	AI850362	uridine monophosphate kinase
0.022	Up	AI020480	Polyketide synthase
0.028	Up	AA881576	ACYLPHOSPHATASE, MUSCLE TYPE ISOZYME
0.028	Up	AA183037	unknown
0.034	Up	X97047	M2-type pyruvate kinase
0.042	Up	AI845579	dTDP-4-keto-6-deoxy-L-hexose 2,3-reductase
0.047	Up	AW124609	methanol dehydrogenase alpha subunit
0.001	Down	AW123345	pyruvate carboxylase
0.008	Down	AI842272	NADH dehydrogenase subunit 4
0.012	Down	AI508942	glucose-6-phosphate isomerase
0.014	Down	C85873	NADH:ubiquinone oxidoreductase subunit 11
0.025	Down	AW048008	NADH dehydrogenase, subunit 2
0.038	Down	AV351115	NADH dehydrogenase subunit 1
0.04	Down	U12961	NAD(P)H:menadiene oxidoreductase
0.048	Down	AL021127	NAD(P) dependent steroid dehydrogenase-like

CLN1 Hormone/Steroid

0.007	Up	AI853043	thyroid hormone receptor-associated protein
0.011	Up	D63902	estrogen-responsive finger protein
0.037	Up	U85259	estrogen related receptor alpha
0.021	Down	AA420047	thyroid hormone receptor interactor 11
0.027	Down	U52073	TDDS
0.04	Down	AW106745	NAD(P) dependent steroid dehydrogenase-like
0.042	Down	AI606119	androgen receptor-related apoptosis-associated protein

CLN1 Inflammation/Immune

0	Up	M35247	MHC Class H2-TC-T17-C
0.002	Up	AI099007	small inducible cytokine A24
0.009	Up	AF077950	protein inhibitor of activated STAT protein
0.01	Up	X58861	complement subcomponent C1q A-chain
0.011	Up	AW124975	small inducible cytokine A27
0.013	Up	AF042798	immunoglobulin heavy chain
0.016	Up	AA869784	MHC class I chain-related protein A
0.018	Up	M57891	complement component C2
0.019	Up	M22531	complement C1qB
0.033	Up	U37186	islet cell autoantigen
0.034	Up	X16202	Q4 class I MHE
0.041	Up	V00746	MHC class I antigen H-2K
0.041	Up	AF074912	chemokine receptor CX3CR1
0.043	Up	AB015978	oncostatin M receptor beta
0.045	Up	D31956	Seq info not available
0.046	Up	U53696	class II cytokine receptor 4
0.049	Up	AI837847	MHC class II histocompatibility antigen DQ alpha chain 1
0.049	Up	AI837847	MHC class II histocompatibility antigen DQ alpha chain 1
0.012	Down	L12147	early B-cell factor
0.013	Down	AA791958	MHC class I chain-related protein A
0.027	Down	AI837070	defensin related cryptdin, related sequence 2
0.048	Down	AF061260	nectin-like protein 2
0.048	Down	AI838375	MHC class I histocompatibility antigen HLA-C precursor

CLN1 Lipid Metabolism

0.004	Up	U07159	medium-chain acyl-CoA dehydrogenase
0.004	Up	AI848332	phospholipase C-like protein
0.006	Up	U34277	PAF acetylhydrolase
0.008	Up	AF000294	peroxisome proliferator-activated receptor gamma
0.015	Up	AI507137	peroxisomal Ca-dependent solute carrier [imported]
0.021	Up	AI503093	low density lipoprotein-related protein 2; megalin
0.034	Up	Y08135	acid sphingomyelinase-like phosphodiesterase
0.04	Up	AI841403	low density lipoprotein-related protein 1
0	Down	AI644158	putative oxidoreductase major subunit
0.001	Down	AW049392	acyl-CoA delta-9-like desaturase
0.002	Down	D89866	ceramide glucosyltransferase
0.002	Down	AI464127	peroxisome biogenesis factor 1
0.006	Down	AF036894	sphingosine-1-phosphate lyase
0.02	Down	AA177239	probable acyl-CoA dehydrogenase PA1535 [imported]
0.022	Down	AI430879	steroid sulfatase
0.036	Down	AV073802	phospholipase A2, group IB, pancreas
0.04	Down	AV321321	lecithin cholesterol acyltransferase
0.045	Down	AI836382	lipoprotein glyceryl transferase

CLN1 Lysosome/Endosome

0.017	Up	U55060	beta-galactoside binding lectin
0.019	Up	U54803	HEXa
0.032	Up	M64298	vacuolar H(+)-ATPase
0.032	Up	U04299	mannosyl-oligosaccharide alpha-1,2-mannosidase
0.034	Up	M61704	embryonic alkaline phosphatase
0.037	Up	AW047034	ALPHA-(1,3)-FUCOSYLTRANSFERASE
0.041	Up	AB015426	alpha 1,3-fucosyltransferase IX
0.042	Up	AI846739	alpha-mannosidase-like protein
0.042	Up	AI844679	Similar to APG5
0.048	Up	AV008547	alpha galactosidase
0.003	Down	AF001797	glucosidase I
0.009	Down	AI503926	contains similarity to Mus musculus alpha-NAC,
0.045	Down	AJ006215	CMP-N-acetylneuraminic acid synthetase

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CLN1 Mitochondrial Function

0.005	Up	AI853524	COX11 (yeast) homolog, cytochrome c oxidase assembly protein
0.033	Up	X52940	COX 7c1
0.047	Up	AF017175	carnitine palmitoyltransferase I
0.047	Up	AV370410	mitochondrial polymerase gamma 2
0.004	Down	AV235986	ATP synthase A chain subunit 6
0.008	Down	AW214353	cytochrome-c oxidase (EC 1.9.3.1) chain I
0.015	Down	AV149501	cytochrome-c oxidase (EC 1.9.3.1) chain I
0.026	Down	X80899	homolog to COX 7
0.039	Down	AW121487	cytochrome-c oxidase (EC 1.9.3.1) chain III - Herpetomonas
0.046	Down	AA611098	ATPase subunit 6

CLN1 Nuclear Function

0.021	Up	AA982439	similar to nuclear protein, ataxia-telangiectasia locus; NPAT gene
0.021	Up	AV367576	nucleoporin 214kD (CAIN)
0.003	Down	AB017020	JKTBP
0.005	Down	AI844571	Ser/Arg-related nuclear matrix protein
0.01	Down	X16995	N10 nuclear protein
0.014	Down	AF015309	nucleolar protein

CLN1 Neuronal Function

0.009	Up	AI836367	granin-like neuroendocrine peptide precursor; protein serine
0.03	Up	U14648	myelin regulatory factor 1
0.032	Up	AI847582	brain protein
0.034	Up	AV168413	neuronal protein
0.039	Up	AF096867	synapsin IIb
0.043	Up	U88588	CDR2
0.049	Up	X02801	glial fibrillary acidic protein
0.007	Down	AJ132616	HIRA-interacting protein (HIRIP5)
0.008	Down	L20942	myelin/oligodendrocyte glycoprotein
0.013	Down	M37335	myelin proteolipid protein
0.014	Down	AA691777	neurodegeneration associated protein 1
0.016	Down	L08074	GTX
0.02	Down	D78643	Seizure related RNA transcript
0.037	Down	M31811	myelin associated-glycoprotein
0.037	Down	AB031292	proteolipid protein 2
0.048	Down	AB033922	Ndr1 related protein Ndr3
0.048	Down	U96116	amyloid beta-peptide binding protein

CLN1 Proteolysis

0.003	Up	U41765	metalloprotease/disintegrin/cysteine rich
0.006	Up	AI853699	sentrin-specific protease
0.013	Up	AW048754	acid protease related protein
0.018	Up	AI845847	neutral protease large subunit
0.019	Up	AV305832	ubiquitin C
0.026	Up	M64085	spi2 proteinase inhibitor
0.033	Up	AI117848	deubiquitinating enzyme Ubp109
0.034	Up	U51014	prolidase
0.037	Up	AI843959	cysteine proteinase mir2
0.038	Up	AI448742	allantoicase
0.05	Up	AI666375	alkaline serin proteinase
0.007	Down	Z19581	siach-2 protein
0.012	Down	AF033353	ubiquitin-homology domain protein
0.013	Down	AI847453	carboxypeptidase Z
0.02	Down	AW048997	proteasome (prosome, macropain) subunit, alpha type, 5
0.023	Down	AA388099	similar to ubiquitin binding protein; Ubiquitin binding protein
0.031	Down	AI837415	similar to ubiquitin carrier protein; ubiquitin-protein ligase;
0.033	Down	U19854	E2-20K
0.046	Down	AI429168	allantoicase

CLN1 Protein Synthesis

0.031	Up	AV319486	eukaryotic translation initiation factor 3, subunit 4 (delta, 44kD)
0.004	Down	AA636552	initiate factor 3
0.01	Down	AW124859	eukaryotic translation initiation factor XelF-4AIII
0.024	Down	U70733	eIF3-p44
0.046	Down	AJ006587	eIF2 gamma

CLN1 Receptor

0.007	Up	AI848687	nicotinic acetylcholine receptor beta-1 chain precursor
0.014	Up	AV104152	leukotriene B4 receptor
0.018	Up	L38423	lymphotoxin-beta receptor
0.021	Up	AJ133430	olfactory receptor
0.043	Up	AF031127	inositol trisphosphate receptor type 2
0.009	Down	AI854042	olfactory receptor
0.033	Down	X72862	beta-3-adrenergic receptor
0.037	Down	X66223	retinoid X receptor-alpha
0.045	Down	AI552545	cytokine receptor-like molecule-2

CLN1 Trafficking

0.005	Up	AI853725	stress-associated endoplasmic reticulum protein
0.011	Up	U91848	clathrin light chain 2
0.013	Up	X73580	secretin
0.027	Up	L31397	dynamamin
0.016	Down	AF051357	golgin-245
0.016	Down	AA692402	SEC63, endoplasmic reticulum translocon component
0.03	Down	AF098508	dynactin light chain
0.032	Down	AB026808	synaptotagmin XI
0.041	Down	AA796863	hook3 protein
0.047	Down	AF071317	COP9 complex subunit 7b

CLN1

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CLN1 RNA Synthesis/Processing

0.008	Up	AW047301	RNA binding motif protein 5
0.008	Up	AW215420	reverse transcriptase
0.011	Up	AI840981	RNA-BINDING PROTEIN 10
0.011	Up	U55861	RNA binding protein TIAR
0.014	Up	AI846197	ribosomal protein L11
0.019	Up	AW121947	60S RIBOSOMAL PROTEIN L34
0.02	Up	AI852798	transcription termination factor, RNA polymerase II
0.021	Up	AI841493	unknown
0.024	Up	AV140484	40S RIBOSOMAL PROTEIN S5
0.026	Up	AI841808	tRNA pseudouridine synthase
0.03	Up	AV358817	RNA-directed DNA polymerase
0.031	Up	Y00225	J1 protein
0.041	Up	K02928	ribosomal protein L30
0.045	Up	AW122398	splicing factor 30, survival of motor neuron-related
0.049	Up	AV312871	GLYCYL-TRNA SYNTHETASE BETA CHAIN
0.002	Down	AI586230	reverse transcriptase - mouse
0.008	Down	U29402	acidic ribosomal phosphoprotein P1
0.008	Down	AF118128	nuclear RNA helicase Bat1
0.008	Down	AW124185	ribosomal protein L31
0.013	Down	AW048882	mitochondrial isoleucine tRNA synthetase
0.014	Down	X96767	U1 snRNP-specific protein C
0.024	Down	AA655308	poly(A) binding protein-interacting protein PAIP1
0.029	Down	AI839436	poly (ADP-ribosyl) transferase-like 3
0.033	Down	AI849109	60S RIBOSOMAL PROTEIN L34
0.034	Down	U93050	poly(A) binding protein II
0.034	Down	AV119995	similar to small nuclear ribonucleoprotein polypeptide E
0.039	Down	AV218111	RNA-BINDING PROTEIN WITH MULTIPLE SPLICING
0.041	Down	AW124360	S6 ribosomal protein kinase
0.048	Down	AW230977	RNase H and integrase-like protein

CLN1 Surface/Adhesion/Cell Structure

0.002	Up	U02880	K12 keratin
0.008	Up	D67067	thymic epithelial cell surface antigen
0.022	Up	X79446	outer dense fiber protein
0.024	Up	U69176	laminin alpha 4 chain
0.032	Up	AI425702	collagen alpha 1(XIV) chain precursor, short form 2
0.037	Up	U66166	extracellular matrix associated protein
0.042	Up	X75285	fibulin-2
0.045	Up	AB000636	collagen a1 XIX chain
0.046	Up	AF020263	EWS/FLI1 activated transcript 2
0.008	Down	AW060250	keratin complex 2, gene 6g
0.015	Down	AV227179	pleckstrin homology domain-containing, family A
0.016	Down	AF022110	integrin beta-5
0.016	Down	D86424	high-sulfur keratin protein
0.018	Down	C79683	ALPHA-1 CATENIN
0.021	Down	AV093331	keratin complex 1, acidic, gene 17
0.023	Down	AB023622	Septin6
0.027	Down	AW060443	protocadherin 1 (cadherin-like 1); pc42
0.028	Down	AI850231	mucin 5AC
0.03	Down	AI842715	laminin 12 gamma 3 chain
0.03	Down	AW048370	cadherin superfamily protein VR4-11
0.032	Down	AA763244	type II hair keratin
0.035	Down	AI842344	protocadherin 10
0.039	Down	AW046213	Down syndrome cell adhesion molecule
0.041	Down	AI846270	adhesion-type protein ADMLX

CLN1 Signalling/Cell Growth

0	Up	AI462626	protein kinase ATR
0.002	Up	AI850273	FGFR1 oncogene partner
0.002	Up	AW050125	retinoblastoma-binding protein 1-related protein
0.004	Up	D16195	acrogranin precursor
0.005	Up	AW060158	upregulated during skeletal muscle growth 5
0.006	Up	AB011812	PKC delta II
0.006	Up	AI835926	growth differentiation factor 1
0.008	Up	U20282	stromelysin PDGF responsive element binding
0.008	Up	AI853871	anaphase-promoting complex subunit 10
0.016	Up	AF030100	TWEAK
0.018	Up	AI120142	insulin-like growth factor IA precursor
0.019	Up	D76446	TAK1 (TGF-beta-activated kinase)
0.023	Up	AW047444	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2
0.029	Up	Y16894	similar to hus1
0.029	Up	AW049942	similar to serum response factor
0.031	Up	AI854251	g20 protein
0.031	Up	X70842	FLK-1
0.033	Up	AI837726	RAP2B, member of RAS oncogene family
0.038	Up	X52803	cyclophilin
0.04	Up	AW124457	similar to protein phosphatase 4 regulatory subunit 2
0.045	Up	D31967	jumonji protein
0.045	Up	AI987679	protein-tyrosine-phosphatase, nonreceptor type PTPX1
0.049	Up	D50050	Hrs
0.05	Up	M21019	R-ras
0	Down	M59821	growth factor-inducible protein
0.003	Down	X61940	3CH134
0.008	Down	U20735	transcription factor junB
0.008	Down	AW046551	MYB-RELATED PROTEIN A (A-MYB) (XAMYB)
0.01	Down	AI850740	G protein-coupled receptor kinase 5
0.013	Down	L37092	cyclin-dependent protein kinase
0.013	Down	AV371621	macrophage stimulating 1
0.014	Down	AW123416	PTEN induced putative kinase 1
0.018	Down	U81829	calumenin

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CLN1 Signalling/Cell Growth

0.021	Down	U57524	I kappa B alpha
0.022	Down	Z50190	adenylyl cyclase type 9
0.022	Down	AB012290	SRPK1
0.023	Down	U20735	transcription factor junB
0.025	Down	AJ010949	calcium channel alpha-2-delta-C subunit
0.026	Down	AF028808	hemin-sensitive initiation factor 2 alpha
0.028	Down	AB023027	camk1-heta2
0.03	Down	AI006698	proline-rich inositol polyphosphate 5-phosphatase
0.036	Down	M57999	NF-kappa-B DNA-binding subunit
0.037	Down	U11812	tryosine phosphate
0.037	Down	AV258906	c-mos gene
0.038	Down	M95200	vascular endothelial growth factor
0.039	Down	AF058799	14-3-3 protein gamma
0.039	Down	AF016482	rho7
0.04	Down	AB019374	MEK5
0.04	Down	U58992	mSmad1
0.041	Down	AB005662	JNK/SAPK-associated protein-1
0.042	Down	AF053471	plasma membrane Ca2+-ATPase 2
0.042	Down	D86725	mMCM2
0.046	Down	AF062076	palmitoylated serine/threonine kinase
0.047	Down	AI790037	cAMP inducible gene 1
0.048	Down	AA153773	transducin (beta)-like 3

CLN1 Transportation

0.008	Up	AW125574	multidrug resistance-associated protein (MRP)-like
0.011	Up	AV283845	potassium channel Kv beta 2.1 subunit
0.029	Up	AA499308	putative ABC transport system integral membrane protein
0.033	Up	AW045811	solute carrier family 30 (zinc transporter), member 1; zinc
0.037	Up	U48398	mercurial-insensitive water channel 2
0.041	Up	AI327164	probable transmembrane transport protein Cj0250c
0.047	Up	AI790536	cyclic nucleotide-gated ion channel LCN1
0.005	Down	AV087297	maltose ABC transporter, permease protein
0.015	Down	AA057986	sodium-calcium exchanger
0.019	Down	AB021665	growth factor regulated calcium channel
0.02	Down	AI849838	proton motive ATPase
0.026	Down	AF011336	putative E1-E2 ATPase
0.032	Down	AI846708	HYPOTHETICAL TRANSPORT PROTEIN BU588
0.041	Down	AF039405	arsenite-translocating ATPase
0.045	Down	M64226	potassium channel protein

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CLN1 Unknown

0	Up	AV232610	B CG14324 gene product
0	Up	AU042645	unknown
0	Up	AI853743	unknown
0	Up	AI853562	RIKEN cDNA 1110005F07 gene
0.001	Up	AI840996	unknown protein
0.001	Up	AW047743	unknown
0.001	Up	AA155546	unknown
0.001	Up	AW121643	unknown
0.001	Up	AW047327	F22C12.14
0.002	Up	W91762	putative
0.002	Up	AI845856	putative
0.002	Up	AI021452	hypothetical protein F36H1.3
0.002	Up	AI848515	predicted protein dJ257A.7
0.002	Up	AA929441	unknown protein
0.002	Up	AI592790	Unknown
0.002	Up	AA914646	unknown
0.002	Up	AU018179	putative
0.002	Up	AV207648	putative
0.003	Up	AA050212	putative
0.003	Up	AA611507	unknown
0.003	Up	AW125656	unknown
0.003	Up	AW122236	ureK
0.003	Up	AI155952	unknown
0.003	Up	AI427124	unknown
0.003	Up	AV110705	SPARC PRECURSOR
0.004	Up	AA759910	DC6 protein
0.004	Up	AW122625	unnamed protein product
0.004	Up	AV329719	L. lactis predicted coding region ORF00041
0.004	Up	AV156722	putative
0.004	Up	AI843040	unknown
0.004	Up	AI840292	putative
0.004	Up	AA207825	putative
0.004	Up	AW124295	Cbp80 gene product
0.004	Up	AW047525	L5801.2
0.004	Up	AI585883	unknown
0.004	Up	AI851386	unknown
0.004	Up	AV260137	putative
0.005	Up	AI835367	unknown
0.005	Up	AW045765	unknown
0.005	Up	AW048045	hypothetical protein
0.005	Up	AI642754	putative
0.006	Up	AW046082	homolog to yeast chl12 protein [imported] - fission yeast
0.006	Up	AI267037	unknown
0.006	Up	AA840458	unknown
0.006	Up	AV272785	putative
0.006	Up	AI849309	putative
0.007	Up	U05837	Seq info not available
0.007	Up	AW123704	unknown
0.007	Up	AW231091	unknown
0.007	Up	AI854303	unnamed protein product
0.007	Up	AU019982	putative
0.008	Up	AW123807	relaxin-like protein
0.009	Up	AW122414	unknown
0.009	Up	AI155444	hypothetical protein W03C9.1
0.009	Up	AW123760	unknown
0.009	Up	AW122996	unknown
0.009	Up	AI846960	HYPOTHETICAL 63.0 KD PROTEIN C02C2.4 IN CHROMOSOME III
0.009	Up	AV374752	hypothetical protein F15N18.150
0.009	Up	AW124947	unknown
0.01	Up	AI853714	CG9853 gene product
0.01	Up	AV153557	putative transport membrane protein C
0.01	Up	AW122322	putative
0.01	Up	AA960452	putative
0.01	Up	AA789854	putative
0.01	Up	AW047030	unknown
0.01	Up	AW123531	unknown
0.01	Up	AI573352	putative
0.011	Up	AW123765	/prediction=(method:""genefinder"", version:""084"").
0.011	Up	AA987153	unknown
0.011	Up	AA959954	putative
0.011	Up	AA242716	unknown
0.011	Up	AW045675	cer-d4 isoform XZ
0.011	Up	AI642811	Unknown (protein for MGC:11931)
0.012	Up	AI849674	unknown
0.012	Up	AW121623	CG1712 gene product
0.012	Up	AW124718	Unknown
0.012	Up	AW045106	putative
0.013	Up	AW050133	putative
0.013	Up	AW123148	hypothetical protein F52F12.2
0.013	Up	AI450803	putative
0.014	Up	AA036386	RIKEN cDNA 1110003B01 gene
0.014	Up	AV100072	putative
0.014	Up	AW121212	unknown
0.014	Up	AI843576	unknown
0.014	Up	AI606832	unknown
0.014	Up	AA960602	hypothetical protein
0.015	Up	AW049314	putative
0.015	Up	AI849900	unknown
0.015	Up	AV340389	hypothetical protein
0.015	Up	AW121340	putative
0.015	Up	AI853805	putative
0.016	Up	AI661057	hypothetical protein C17A2.5

CLN1

T-Test P Value	Change Direction	Gene Accession	Protein Description
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CLN1 Unknown

0.016	Up	AI844794	unknown
0.016	Up	AI848318	hypothetical 119.5K protein (uvrA region)
0.016	Up	AW124593	putative
0.016	Up	AA863729	putative
0.017	Up	AW045955	unknown
0.018	Up	AI846077	unknown
0.018	Up	AW046850	unknown
0.018	Up	AW121196	hypothetical protein MGC7599
0.018	Up	AI551067	hypothetical protein
0.018	Up	AI427839	putative
0.019	Up	AW048244	unknown
0.019	Up	AI647257	putative
0.019	Up	AW121296	hypothetical protein F58A4.1
0.02	Up	AW060422	putative
0.02	Up	AI840975	unknown
0.02	Up	AW047476	unknown
0.02	Up	AI447510	Hypothetical protein Y48G8AL.10
0.02	Up	AA939440	unknown
0.02	Up	AV266107	hypothetical protein MGC5528
0.02	Up	AW228836	unknown
0.02	Up	AW045825	putative
0.02	Up	AW121244	hypothetical protein
0.02	Up	AW050017	GL002 protein
0.02	Up	AI788586	unknown
0.021	Up	AW046694	putative
0.021	Up	C80425	putative
0.021	Up	AI449176	putative
0.021	Up	AW048031	unknown
0.021	Up	AV101957	RIKEN cDNA 2310034L21 gene
0.022	Up	AI842264	hypothetical protein; 116909-117445
0.022	Up	U58884	SH3P7
0.022	Up	AA980482	outer membrane protein A
0.023	Up	AV132286	unknown
0.023	Up	AA727483	MFH-amplified sequences with leucine-rich tandem repeats 1
0.023	Up	AI840131	hypothetical protein
0.023	Up	AW049276	RIKEN cDNA 5730493B19 gene
0.023	Up	AW121011	putative integral membrane protein
0.024	Up	AW125086	RIKEN cDNA 1110032G10 gene
0.024	Up	AI851147	putative
0.024	Up	AW060754	unknown
0.024	Up	AI988001	unknown
0.025	Up	AI845667	putative
0.025	Up	C76063	DAX1]
0.025	Up	AI451541	unknown
0.026	Up	AW047047	RIKEN cDNA 1810060K07 gene
0.026	Up	AI586035	hypothetical protein
0.026	Up	AU040981	putative
0.027	Up	AW215736	Unknown (protein for MGC:6469)
0.027	Up	AI851783	putative
0.027	Up	AW210542	PIUS protein
0.027	Up	AV144395	hypothetical protein MTH749
0.027	Up	AI837891	putative
0.028	Up	U67878	Seq info not available
0.028	Up	AA098047	unnamed protein product
0.029	Up	AW122897	CG15148 gene product
0.029	Up	AA710515	putative
0.029	Up	AI666591	fibrosurfin
0.029	Up	AA472051	ORF1
0.029	Up	AW261800	putative
0.03	Up	AW230421	unknown
0.03	Up	AI591666	unknown
0.03	Up	AA959436	unknown
0.031	Up	AA739415	F21D18.10
0.031	Up	AW125150	unknown
0.031	Up	AA189811	unknown
0.031	Up	AW121931	unknown
0.031	Up	AI851992	unknown
0.031	Up	AA562195	putative
0.031	Up	AI502997	putative tumor suppressor
0.031	Up	AI462993	hypothetical protein B13N20.280 [imported]
0.031	Up	AW123387	hypothetical protein F20D22.10
0.032	Up	AW060791	RIKEN cDNA 2400007P05 gene
0.032	Up	AW125747	unknown
0.032	Up	AV138441	putative
0.032	Up	AI839874	putative
0.033	Up	AI853900	RIKEN cDNA 1110055L24 gene
0.033	Up	AW121314	unknown
0.033	Up	AI840545	putative
0.033	Up	AW121889	unknown
0.033	Up	AI854099	putative
0.033	Up	AI647692	putative
0.034	Up	AW123267	putative
0.034	Up	AV354058	unknown
0.034	Up	AA733492	unknown
0.034	Up	AV252822	pectin methyl-esterase-like protein
0.034	Up	AI605168	unknown
0.034	Up	AI662190	unknown
0.035	Up	AI836029	putative
0.035	Up	AW120625	unknown
0.035	Up	AV315635	env polyprotein
0.035	Up	AI852045	hypothetical protein
0.035	Up	AW122051	hypothetical protein B7N4.60

CLN1

T-Test P Value	Change Direction	Gene Accession	Protein Description
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CLN1 Unknown

0.035	Up	AA691298	putative
0.035	Up	AU015585	putative
0.036	Up	AI842432	unknown
0.036	Up	AA266467	putative
0.036	Up	AI854863	unknown
0.036	Up	AW121017	unknown
0.036	Up	AA896634	putative
0.036	Up	AW121339	hypothetical protein
0.036	Up	AI850393	Ci-META1
0.036	Up	AU016037	hypothetical protein MGC11349
0.036	Up	AV101961	unknown
0.037	Up	AV372745	unknown
0.037	Up	AI605420	putative
0.037	Up	AI874856	putative
0.037	Up	AI838296	putative
0.038	Up	AA575686	unknown protein
0.038	Up	AI847956	putative
0.038	Up	AW121680	putative
0.038	Up	AV273231	unknown
0.039	Up	AW049584	putative
0.039	Up	AW122448	putative
0.039	Up	AW209204	putative
0.039	Up	AW047590	putative
0.04	Up	AI850356	unknown
0.04	Up	AI646098	unknown
0.04	Up	AA711252	unknown
0.04	Up	AW121049	unknown
0.04	Up	AV113907	unknown
0.04	Up	AV298041	unknown
0.04	Up	AW047541	unknown
0.041	Up	AW122453	RIKEN cDNA 1110001O09 gene
0.041	Up	AV355157	phosphoprotein
0.041	Up	AI181906	hypothetical protein (B2 element)
0.041	Up	AW048860	RIKEN cDNA 2700063N13 gene
0.041	Up	AI854687	putative
0.041	Up	AI850045	envelope glycoprotein
0.042	Up	AI851345	unknown
0.042	Up	AI851172	unknown
0.042	Up	Z67963	FT1 protein
0.042	Up	AW123438	activating transcription factor 2
0.042	Up	AW259673	putative
0.042	Up	AV243025	unknown
0.042	Up	AA888702	unknown
0.042	Up	AI643628	putative
0.043	Up	AV102160	putative
0.043	Up	AI851598	RIKEN cDNA 1110032G10 gene
0.043	Up	AW123904	hypothetical protein MNCb-0091
0.043	Up	AI661590	Unknown
0.043	Up	AI510345	unnamed protein product
0.043	Up	AI551047	hypothetical protein YUP8H12R.44
0.043	Up	AV122463	putative
0.043	Up	AI591860	putative
0.044	Up	AA823660	ORF MSV233 hypothetical protein
0.044	Up	AI849187	putative
0.045	Up	AW226563	unknown
0.045	Up	AW226592	dudulin 2
0.045	Up	AW049618	unknown
0.045	Up	AI605021	unknown
0.046	Up	AA681807	putative
0.046	Up	AI853703	unknown
0.046	Up	AW125686	Dhc16F gene product
0.046	Up	AV368612	unknown
0.046	Up	AI504064	unknown
0.046	Up	AW124306	putative
0.046	Up	AW050170	unknown
0.046	Up	AV277595	I28.2
0.046	Up	AI837749	unknown
0.047	Up	AA674812	SSF1/P2Y11 chimeric protein
0.047	Up	AI836469	putative
0.047	Up	AI595304	hypothetical protein F26D2.3
0.047	Up	AI853959	hypothetical protein APE0600
0.047	Up	AW146426	putative
0.047	Up	AI326191	VP12 protein
0.048	Up	AI853728	unknown
0.048	Up	AI155285	unknown
0.048	Up	AI837100	unknown
0.048	Up	AI846211	unknown
0.048	Up	AV145587	unknown
0.048	Up	AI845691	hypothetical protein
0.048	Up	AA403548	hypothetical protein DKFZp761E10121.1
0.049	Up	AW124297	unknown
0.049	Up	AI551808	clone FLB3816; clone FLB3816 PRO0974
0.049	Up	AI786474	unknown
0.049	Up	AV169017	unknown
0.049	Up	AI428879	putative
0.05	Up	AW124337	putative
0.05	Up	AV258940	unknown
0	Down	AI852646	RIKEN cDNA 1110014J22 gene
0	Down	AI835124	hypothetical protein
0	Down	AW045947	unknown
0	Down	AA388803	unknown

CLN1

T-Test P Value	Change Direction	Gene Accession	Protein Description
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CLN1 Unknown

0.001	Down	AI852001	CG8454 gene product
0.001	Down	AI181308	RIKEN cDNA 4733401F03 gene
0.001	Down	AI848674	Similar to hypothetical protein FLJ20211
0.001	Down	AW122502	unknown
0.001	Down	AA796095	cell wall protein
0.001	Down	AI847565	INSERTION ELEMENT IS110 HYPOTHETICAL 11.7 KD PROTEIN
0.002	Down	AI848952	unknown
0.002	Down	AA763213	unknown
0.002	Down	AW048884	Hypothetical protein R05D3.9
0.002	Down	AI839070	hypothetical protein MGC2991
0.002	Down	AI853427	unknown
0.003	Down	AI847547	Unknown (protein for IMAGE:3355405)
0.003	Down	AV212934	CG2974 gene product
0.003	Down	AA790279	PsbAb
0.003	Down	AW048314	FrgA
0.003	Down	AI132554	transcription factor MEF-2C, myocyte enhancer factor 2C
0.003	Down	AU019046	unknown
0.004	Down	AW122839	hypothetical protein, CHR1.170
0.004	Down	AI848510	unknown
0.004	Down	AI591488	putative
0.004	Down	AI152582	UL35 capsid protein VP26
0.004	Down	AI481334	F3F9.7
0.004	Down	AV206474	unknown
0.004	Down	AA727298	unknown
0.004	Down	AU022830	putative
0.005	Down	D70848	Zic2 protein
0.005	Down	AW046102	unknown
0.005	Down	AI852214	TAT PROTEIN
0.005	Down	AI847273	unknown
0.005	Down	AU040162	putative
0.006	Down	AA726565	bA346K17.2
0.006	Down	AI844597	putative
0.006	Down	AW122058	unknown
0.006	Down	AW120723	putative
0.006	Down	AW123302	hypothetical protein F6G3.60
0.006	Down	AI604376	putative
0.006	Down	AV165185	polyprotein
0.007	Down	AI854607	putative
0.007	Down	AI846684	putative
0.007	Down	AI851984	unknown
0.007	Down	AI465543	unknown
0.007	Down	AI467462	unknown
0.007	Down	C86532	ALU SUBFAMILY SP SEQUENCE CONTAMINATION WARNING
0.008	Down	AW046793	legumin-like protein
0.008	Down	AA693221	putative
0.008	Down	AI853182	unknown
0.008	Down	AV303759	unknown
0.009	Down	AW212667	unknown
0.009	Down	AI837395	unknown
0.009	Down	AI852470	putative
0.009	Down	AW124784	unknown
0.009	Down	AI429303	putative
0.01	Down	AW045753	RIKEN cDNA 1110015E22 gene
0.01	Down	AI118078	unknown
0.01	Down	AI853191	hypothetical protein F28F8.4
0.01	Down	AV099879	unknown
0.01	Down	AI644076	putative
0.011	Down	AW048547	unknown
0.011	Down	AI851792	putative
0.011	Down	AW125399	ancient conserved domain protein 2; mACDP2
0.011	Down	AV241443	hypothetical protein 3
0.011	Down	AI591613	putative
0.011	Down	AI746453	putative
0.012	Down	AI183109	unknown
0.012	Down	AI666712	dJ858B6.2 (novel protein)
0.012	Down	AI428869	conserved hypothetical protein
0.013	Down	X66091	unknown
0.013	Down	AA683883	putative
0.013	Down	AI838633	CG12031 gene product
0.013	Down	AA183187	RIKEN cDNA 2010322C19 gene
0.013	Down	AI854417	hypothetical protein
0.013	Down	AW120690	putative
0.013	Down	AW047060	unknown
0.013	Down	AW049572	unknown
0.013	Down	AW259452	hypothetical protein [Mesorhizobium loti]
0.013	Down	AI413901	unknown
0.014	Down	AV297834	unknown
0.014	Down	AI851656	E1 protein
0.014	Down	AV133099	unknown
0.014	Down	C85363	unknown
0.014	Down	AV040485	unknown
0.014	Down	AV225619	putative
0.015	Down	AW125453	putative
0.015	Down	AI837497	unknown
0.015	Down	AI649103	RIKEN cDNA 3200001F04 gene
0.015	Down	AA863524	unknown
0.015	Down	AI645433	putative
0.015	Down	AI593866	unknown
0.015	Down	AV154296	unknown
0.016	Down	AI852470	putative
0.016	Down	AI846333	putative

CLN1

T-Test P Value	Change Direction	Gene Accession	Protein Description
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CLN1 Unknown

0.016	Down	AI574286	unknown
0.016	Down	AW125398	unknown
0.016	Down	AI046503	hypothetical protein
0.016	Down	AV328910	unknown
0.017	Down	AW208630	HYPOTHETICAL 34.1 KD PROTEIN Y4IF
0.017	Down	C80153	CG12941 gene product
0.017	Down	AI846422	unknown
0.017	Down	AV348065	unknown
0.017	Down	AV245837	probable fission yeast
0.017	Down	AW122987	hypothetical protein F52F12.2
0.017	Down	AV331842	unknown
0.018	Down	Y07812	MAL protein
0.018	Down	AW124890	RIKEN cDNA 0610012F07 gene
0.018	Down	AA396008	unknown
0.018	Down	AW125159	unknown
0.018	Down	AI464230	unknown
0.018	Down	AI481615	unknown
0.018	Down	AV302400	K1R
0.019	Down	M17551	gag protein
0.019	Down	AI846291	unknown
0.019	Down	AI854550	RIKEN cDNA 2810428115 gene
0.019	Down	X80992	Vg-1 related protein
0.019	Down	AI847023	unknown
0.019	Down	AW045696	unknown
0.019	Down	AI481269	unknown
0.019	Down	AI461638	unknown
0.02	Down	AF060245	zinc finger protein 106
0.02	Down	AI551807	putative
0.021	Down	AW121875	hypothetical protein MGC2217
0.021	Down	AB025217	Sid47Op
0.021	Down	AA981581	putative
0.021	Down	AI839886	unknown
0.021	Down	W41560	unknown
0.021	Down	AI415094	putative
0.022	Down	AI643902	unknown
0.022	Down	AA466818	hypothetical protein aq_818
0.022	Down	AI854681	unknown
0.022	Down	AI448922	unknown
0.023	Down	AW050340	unknown
0.023	Down	AW125104	Similar to zinc finger protein 281
0.023	Down	AW214335	unknown
0.023	Down	AI853934	hypothetical protein F15G9.4b
0.023	Down	AV368659	putative
0.024	Down	AV170373	hypothetical protein FLJ10378 [Homo sapiens]
0.024	Down	AW107230	OM2=cytoplasmically polyadenylated oocyte-specific
0.024	Down	L22550	Seq info not available
0.024	Down	AA624819	hypothetical protein APE1543
0.024	Down	AW124528	putative
0.024	Down	AV258211	unknown
0.024	Down	AV092644	putative
0.025	Down	AI844196	unknown
0.025	Down	AI646536	putative
0.025	Down	AW061075	maturation
0.025	Down	AI841492	unknown
0.025	Down	AU020423	unknown
0.026	Down	AW121228	hypothetical protein F20G2.4
0.026	Down	AI645519	putative
0.026	Down	AW121546	hypothetical protein DKFzP761D221
0.026	Down	AW048871	CG1332 gene product
0.026	Down	AI853702	unknown
0.026	Down	AI846120	ooxA
0.026	Down	AI591562	PAN2 protein
0.027	Down	M29260	unknown
0.027	Down	M61007	alpha-1-acid glycoprotein
0.027	Down	AI837737	RIKEN cDNA 2810405K02 gene
0.027	Down	AA821712	putative
0.027	Down	AI842014	RIKEN cDNA 4933439F18 gene
0.027	Down	AI449711	unknown
0.028	Down	AI117157	unknown
0.028	Down	AI838572	unknown
0.028	Down	AI465137	unknown
0.028	Down	AI042716	unknown
0.029	Down	AW212475	putative
0.029	Down	AI846379	unknown
0.029	Down	AV359754	hypothetical protein
0.029	Down	AW122102	unknown
0.029	Down	AU015902	putative
0.03	Down	AI854160	RIKEN cDNA 2410001P07 gene
0.03	Down	AW124245	RIKEN cDNA 1110002A21 gene
0.03	Down	AI836582	hypothetical protein
0.03	Down	AI851881	unknown
0.03	Down	AI837915	N33 protein form 2
0.03	Down	AI595383	unknown
0.03	Down	AW123948	unknown
0.031	Down	AA763368	unknown
0.031	Down	AI851750	unknown
0.031	Down	AI503564	unknown
0.031	Down	AI851383	pothetical protein C03H5.3
0.031	Down	AI839990	putative deoxyribonuclease.
0.032	Down	AW123272	unknown

CLN1

T-Test P Value	Change Direction	Gene Accession	Protein Description
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CLN1 Unknown

0.032	Down	AW228811	PROBABLE INTRON MATURASE
0.033	Down	AW120733	hypothetical protein
0.033	Down	AW122090	putative
0.033	Down	AV046381	putative
0.033	Down	AW048878	putative
0.033	Down	AI843729	putative
0.034	Down	AA934166	YII054cp
0.034	Down	AA388982	hypothetical protein R09D1.12
0.034	Down	AI644627	hypothetical protein
0.034	Down	AI505054	Unknown (protein for MGC:15853)
0.034	Down	AV116730	RIKEN cDNA 5730493B19 gene
0.034	Down	AV245877	RIKEN cDNA 9030605E16 gene
0.034	Down	AW045327	unknown
0.035	Down	AW108492	Unknown (protein for IMAGE:3346045)
0.035	Down	AI852560	unknown
0.035	Down	AI506730	putative
0.036	Down	AA521672	putative
0.036	Down	AW123263	unknown
0.037	Down	AI414938	putative
0.037	Down	AI464940	unknown
0.037	Down	AV361404	unknown
0.037	Down	AI853239	unknown
0.037	Down	AV100979	PUTATIVE CYTOCHROME P450 CYP13A4
0.038	Down	AA692074	unknown
0.038	Down	AB009392	protein L
0.038	Down	AI021175	unknown
0.038	Down	AA189677	unknown
0.038	Down	AA038443	unknown
0.038	Down	AW120926	ORF16
0.038	Down	AV335569	unknown
0.038	Down	AV115627	Vng1401c
0.038	Down	AV230938	unknown
0.039	Down	AI849280	CG18249 gene product
0.039	Down	AW047228	hypothetical protein hc1
0.039	Down	Z12171	putative homeotic protein
0.039	Down	C77757	putative
0.04	Down	AW121088	unknown
0.04	Down	D78255	PAP-1
0.04	Down	AI317347	unknown
0.04	Down	AI893630	unknown
0.04	Down	AA656924	unknown
0.04	Down	AI854723	unknown
0.04	Down	AW125063	putative
0.04	Down	AI480578	unknown
0.04	Down	AV220665	unknown
0.041	Down	AI842363	TPRA40 protein
0.041	Down	AW125713	novel protein with IBR domain
0.041	Down	AI844714	OM2=cytoplasmically polyadenylated oocyte-specific
0.041	Down	AW125303	CG15157 gene product
0.041	Down	AI847267	Similar to HNOEL-iso protein
0.041	Down	AV000878	unknown
0.041	Down	AV068407	unknown
0.041	Down	AV207828	putative
0.042	Down	AW124582	unknown
0.042	Down	AV363719	Mcr gene product
0.042	Down	AI852555	unknown
0.042	Down	AU042241	CG12151 gene product
0.042	Down	AV044163	unknown
0.042	Down	AI666497	fibrosurfing
0.042	Down	AV257281	PRO0644 protein
0.042	Down	AI852771	putative
0.043	Down	AW045323	unknown
0.043	Down	AW061073	unknown
0.043	Down	AW048306	tex264
0.043	Down	AV254630	hypothetical protein F13G3.7
0.043	Down	AW049301	putative
0.043	Down	AI562101	conserved hypothetical protein TC0515 [imported]
0.043	Down	AI835913	putative secreted molecule
0.044	Down	AW121489	DNA segment, single copy, probe pH4 (transforming sequence,
0.044	Down	AV359829	unknown
0.044	Down	AI448101	putative
0.044	Down	AW107440	unknown
0.044	Down	AA929873	putative
0.044	Down	AW124865	putative
0.044	Down	AI505409	unknown
0.044	Down	AI844841	unknown
0.044	Down	AV331862	unknown
0.044	Down	AA710133	unknown
0.045	Down	AI839117	unknown
0.045	Down	U89434	unknown
0.045	Down	AA870215	putative
0.045	Down	AW121125	La related protein
0.045	Down	AV133448	unknown
0.046	Down	AW209004	putative
0.046	Down	AW123563	L4286.4
0.047	Down	AW123888	unknown
0.047	Down	AI643692	hypothetical protein SCD82.01c
0.047	Down	AV254892	putative
0.048	Down	M28845	Krox-24
0.048	Down	AW121294	putative

CLN1

T-Test P Value	Change Direction	Gene Accession	Protein Description
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CLN1 Unknown

0.048	Down	D50263	DAN
0.048	Down	AI852694	putative
0.048	Down	AI853983	unknown
0.048	Down	AA106133	hypothetical protein VCA0283 [imported]
0.048	Down	AI790278	putative
0.048	Down	AI846032	similar to hypothetical protein PRO2822
0.048	Down	AI842509	unknown
0.048	Down	AI851680	unknown
0.049	Down	M17979	Seq info not available
0.049	Down	AI853190	RIKEN cDNA 2010110109 gene
0.049	Down	AW125299	putative
0.049	Down	AW045473	unknown
0.049	Down	AI836364	unknown
0.049	Down	AV103624	putative
0.05	Down	AW049376	unknown
0.05	Down	AV016261	hypothetical protein F14P22.230
0.05	Down	AI844829	Putative gene. Genscan predictions confirmed by EST

CLN1 No Category

0.003	Up	U95114	fertilization antigen-1
0.004	Up	U20611	peroxidase
0.004	Up	AW121862	PPE family protein
0.004	Up	AI837724	MLL2 protein
0.004	Up	AW124029	KIAA0916 protein
0.004	Up	AW121204	hypothetical protein FLJ21868
0.004	Up	AV316504	KIAA1214 protein
0.005	Up	AB025413	Ten-m4
0.005	Up	AI853072	Yni205cp
0.005	Up	AW049272	molybdopterin synthase sulfurylase
0.006	Up	AW048096	sulfite oxidase
0.011	Up	AF103875	placenta-specific ATP-binding cassette
0.011	Up	AI428677	Sh3 containing, expressed in astrocytes
0.012	Up	U33958	PH-20
0.013	Up	AI854179	hypothetical protein FLJ21432
0.015	Up	AI174009	KIAA1712 protein
0.016	Up	AI852171	RES4-22D
0.017	Up	U76253	E25B protein
0.017	Up	AA657164	KIAA1263 protein
0.019	Up	AF028074	sulfotransferase-related protein
0.02	Up	AI747092	52kD Ro/SSA autoantigen; Sjogren syndrome antigen A1
0.021	Up	X06454	gamma-chain
0.022	Up	D86232	Ly-6C variant
0.022	Up	AF024637	DAP12
0.023	Up	X04653	mature polypeptide (AA 1-108)
0.023	Up	AI481380	hypothetical protein FLJ23191
0.024	Up	L15429	L6 antigen
0.025	Up	AF003115	JIP-1
0.026	Up	AF096875	type 2 deiodinase
0.026	Up	Y00516	aldolase A
0.028	Up	AA170498	YAR1 encodes a 200-amino-acid protein with two ANK repeat motifs
0.029	Up	AA414976	capsid protein
0.029	Up	AI834895	Yki222cp similarity
0.036	Up	X59382	parvalbumin
0.037	Up	AW045610	KIAA1784 protein
0.038	Up	AF041472	ataxin-2
0.038	Up	J04103	similar to ets2
0.039	Up	AF056194	short-chain dehydrogenase CRAD2
0.039	Up	AW125484	hypothetical protein FLJ12547
0.041	Up	AA636558	hypothetical protein FLJ13078
0.043	Up	AV319021	GLUTAMATE RACEMASE
0.043	Up	U53586	Evi-5
0.044	Up	AI838709	Pip1p
0.045	Up	AV277003	CD44
0.048	Up	AA717815	transcriptional coactivator Sp110b
0.049	Up	AW125881	KIAA0377 gene product
0.002	Down	AI854510	unnamed protein product
0.002	Down	AI586015	BCR downstream signaling 1; stem cell adaptor protein STAP-1
0.004	Down	U16959	FKBP51
0.005	Down	AF063095	SELIL
0.006	Down	AI846334	BRG1-Associated Factor 250a
0.007	Down	AW125800	paired box gene 4; paired domain gene 4
0.008	Down	X92864	testican
0.01	Down	AI849588	KIAA0097 protein
0.011	Down	AB025349	LAP2 binding protein 1
0.011	Down	AI851865	HisH
0.012	Down	AI846382	hypothetical protein FLJ23263
0.012	Down	AA710824	putative transcription factor Pig1p
0.013	Down	AA624599	envelope protein
0.016	Down	AA138581	hypothetical protein FLJ13078
0.016	Down	AI852594	KIAA1474 protein
0.017	Down	AA656014	Similar to transmembrane 7 superfamily member 1
0.018	Down	AI847863	TTF-2 protein
0.018	Down	AI663783	KIAA1470 protein
0.018	Down	AA881499	hypothetical protein FLJ22439
0.018	Down	AV322737	Yor359wp
0.019	Down	M29264	SRP14
0.019	Down	U09268	PAC-1
0.019	Down	AW121950	hypothetical chloroplast RF1
0.02	Down	AF071186	WW domain binding protein 11

CLN1

T-Test P Value	Change Direction	Gene Accession	Protein Description
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CLN1 No Category

0.022	Down	AF093140	tip associating protein
0.022	Down	AV234690	period clock protein
0.022	Down	AV025377	STE12alpha
0.023	Down	AV378740	lung alpha/beta hydrolase 1; alpha/beta hydrolase-1
0.025	Down	X94310	CHL1-like protein
0.025	Down	AI847904	capsid precursor protein
0.026	Down	AI836977	bromodomain-containing 7; bromodomain-containing protein;
0.028	Down	AW123514	isomyl alcohol oxidase
0.028	Down	AI851925	KIAA1768 protein
0.029	Down	AB012161	KF-1
0.03	Down	AU024680	beta-transducin repeat containing protein-3
0.032	Down	AF071310	OPA-containing protein 1
0.032	Down	AV047081	11 kDa secreted protein precursor
0.033	Down	AV308932	Ykr033cp
0.034	Down	U2921	osmotic stress protein 94
0.035	Down	AA879937	FIBRILLIN 1 PRECURSOR
0.035	Down	AA432434	gag-pol precursor
0.036	Down	AW209414	Kruppel-type zinc finger protein KROX-25
0.037	Down	AB013603	topoisomerase III beta
0.037	Down	AV268319	dJ355C18.1 (KIAA0027)
0.039	Down	AW061267	hypothetical protein FLJ22584
0.04	Down	AI850357	MMAN-7
0.04	Down	AA895554	similar to transcription initiation factor TFIIID-cDNA EST
0.04	Down	AA833488	retinal short-chain dehydrogenase/reductase retSDR2
0.041	Down	AI854008	4-hydroxyphenylacetate-3-hydroxylase (hpaA)
0.041	Down	AI845464	proline and glutamic acid rich nuclear protein isoform
0.045	Down	AI449658	KIAA0948 protein
0.046	Down	AF044334	pleiotropic regulator 1
0.046	Down	AI854008	4-hydroxyphenylacetate-3-hydroxylase (hpaA)
0.046	Down	AI850488	FLAGELLAR M-RING PROTEIN
0.047	Down	D49686	Tat binding protein-1
0.047	Down	AI853140	KIAA1410 protein
0.048	Down	AF069988	nitrilase 1
0.05	Down	AI035632	KIAA0305 gene product