

Table S2. Genome-wide expression level changes after transition from YPD to starvation media

GeneID	NAME	Log2(STARVE/YPD)
CNAG_03058	Hmp1 protein	11.07030
CNAG_02701	conserved hypothetical protein	8.86404
CNAG_01047	conserved hypothetical protein	8.27157
CNAG_01052	conserved hypothetical protein	7.79931
CNAG_06312	hypothetical protein	7.74992
CNAG_07939	predicted protein	7.65261
CNAG_03873	conserved hypothetical protein	7.61081
CNAG_04105	hypothetical protein	7.46038
CNAG_05683	conserved hypothetical protein	7.42642
CNAG_06220	allergen	7.32911
CNAG_00091	conserved hypothetical protein	7.30681
CNAG_03566	conserved hypothetical protein	7.23060
CNAG_02489	mannitol-1-phosphate dehydrogenase	7.19003
CNAG_03143	conserved hypothetical protein	7.11915
CNAG_00052	conserved hypothetical protein	6.97867
CNAG_06453	conserved hypothetical protein	6.97607
CNAG_07422	delayed-type hypersensitivity antigen	6.89673
CNAG_00896	transcription factor	6.72196
CNAG_05736	predicted protein	6.66387
CNAG_07869	conserved hypothetical protein	6.56404
CNAG_02899	predicted protein	6.55688
CNAG_02691	conserved hypothetical protein	6.48458
CNAG_07862	fumarate reductase	6.38651
CNAG_00679	conserved hypothetical protein	6.26903
CNAG_07765	bli-3 protein	6.25634
CNAG_05435	conserved hypothetical protein	6.20532
CNAG_04163	conserved hypothetical protein	6.15650
CNAG_02045	acetoacyl-CoA synthetase	6.12459
CNAG_04849	vacuolar protein	6.11939
CNAG_01116	beta-ketoacyl reductase	6.03514
CNAG_00452	isovaleryl-CoA dehydrogenase 2	6.03329
CNAG_01690	MFS transporter	6.03051
CNAG_01750	chaperone	6.02892
CNAG_01751	conserved hypothetical protein	6.02200
CNAG_05785	conserved hypothetical protein	5.96351
CNAG_05303	isocitrate lyase	5.93642
CNAG_01585	conserved hypothetical protein	5.92315
CNAG_01753	conserved hypothetical protein	5.84335
CNAG_00995	conserved hypothetical protein	5.83510
CNAG_02147	cytochrome-c peroxidase	5.79304
CNAG_02129	conserved hypothetical protein	5.77999

CNAG_04585	conserved hypothetical protein	5.75276
CNAG_06493	conserved hypothetical protein	5.72425
CNAG_03525	trehalase	5.71760
CNAG_03666	acyl-CoA dehydrogenase	5.65878
CNAG_06431	acyl-CoA oxidase	5.57608
CNAG_04981	catalase A	5.57474
CNAG_04392	sterol-binding protein	5.49587
CNAG_00588	conserved hypothetical protein	5.46986
CNAG_05167	conserved hypothetical protein	5.44968
CNAG_07347	heat shock protein	5.44605
CNAG_05662	sugar transporter	5.43944
CNAG_06396	hypothetical protein	5.39884
CNAG_02978	conserved hypothetical protein	5.37333
CNAG_02591	hypothetical protein	5.37171
CNAG_00315	HHE domain-containing protein	5.32792
CNAG_03010	enoyl-CoA hydratase/isomerase family protein	5.29189
CNAG_02562	acyl-Coenzyme A dehydrogenase	5.28826
CNAG_03134	3-hydroxybutyryl-CoA dehydrogenase	5.27757
CNAG_01446	hypothetical protein	5.26365
CNAG_06800	conserved hypothetical protein	5.24120
CNAG_03142	conserved hypothetical protein	5.20795
CNAG_01680	methylcrotonoyl-Coenzyme A carboxylase 1	5.19129
CNAG_06150	heat-shock protein 90	5.17807
CNAG_00651	ATP-binding cassette transporter	5.15172
CNAG_04704	carboxylic acid transport protein	5.14612
CNAG_03495	conserved hypothetical protein	5.14496
CNAG_04837	conserved hypothetical protein	5.12371
CNAG_06109	conserved hypothetical protein	5.12135
CNAG_00522	C2 domain-containing protein	5.11779
CNAG_06577	conserved hypothetical protein	5.08791
CNAG_05938	conserved hypothetical protein	5.06467
CNAG_00490	acetyl-CoA C-acyltransferase	5.05438
CNAG_02764	adrenoleukodystrophy protein	5.00063
CNAG_03019	long-chain-fatty-acid-CoA ligase	4.99442
CNAG_02118	conserved hypothetical protein	4.96911
CNAG_03667	conserved hypothetical protein	4.96791
CNAG_05939	conserved hypothetical protein	4.96221
CNAG_06267	Rds1 protein	4.95253
CNAG_05381	myo-inositol transporter 2	4.88511
CNAG_02765	3-hydroxyisobutyrate dehydrogenase	4.85607
CNAG_03268	hypothetical protein	4.82175
CNAG_01671	acetyl/propionyl CoA carboxylase	4.80709
CNAG_06576	allergen	4.78533
CNAG_02230	phosphoketolase	4.77869
CNAG_05721	peroxisomal hydratase-dehydrogenase-epimerase	4.77717
CNAG_06551	carnitine O-acetyltransferase	4.77301

CNAG_07755	conserved hypothetical protein	4.75817
CNAG_02295	phosphotransferase enzyme family domain-containing protein	4.68517
CNAG_06668	mitochondrial protein	4.67756
CNAG_02288	succinate:fumarate antiporter	4.66492
CNAG_06628	aldehyde dehydrogenase	4.63220
CNAG_03115	conserved hypothetical protein	4.60947
CNAG_02440	cation-transporting ATPase	4.60225
CNAG_07557	ATP-binding cassette transporter	4.57620
CNAG_01936	sugar transporter	4.55853
CNAG_00371	enoyl-CoA hydratase	4.55730
CNAG_02674	dJ347H13.4	4.54932
CNAG_04889	conserved hypothetical protein	4.54724
CNAG_04623	conserved hypothetical protein	4.54159
CNAG_07528	conserved hypothetical protein	4.52939
CNAG_07831	predicted protein	4.52157
CNAG_07403	peroxisome biogenesis factor 1	4.51398
CNAG_04274	acyl-CoA thioesterase	4.50507
CNAG_06105	conserved hypothetical protein	4.48282
CNAG_06962	conserved hypothetical protein	4.45837
CNAG_04217	phosphoenolpyruvate carboxykinase	4.45828
CNAG_06157	conserved hypothetical protein	4.45068
CNAG_00751	conserved hypothetical protein	4.43771
CNAG_04238	2,4-dienoyl-CoA reductase	4.41889
CNAG_07747	acyl-coenzyme A oxidase I	4.40814
CNAG_06201	conserved hypothetical protein	4.37455
CNAG_05229	stomatin family protein	4.36605
CNAG_00093	conserved hypothetical protein	4.31811
CNAG_03688	conserved hypothetical protein	4.31330
CNAG_03729	peroxisome targeting sequence binding protein	4.30856
CNAG_06433	AMP binding protein	4.29486
CNAG_03772	glucose transporter	4.28718
CNAG_07367	amino acid transporter	4.26467
CNAG_00254	NADH dehydrogenase	4.23266
CNAG_03713	efflux protein EncT	4.19299
CNAG_05678	membrane protein	4.17769
CNAG_03243	2-nitropropane dioxygenase	4.17506
CNAG_02263	conserved hypothetical protein	4.17028
CNAG_01070	class II aldolase/adducin family protein	4.16175
CNAG_01558	zinc-binding dehydrogenase	4.16157
CNAG_00397	pyruvate dehydrogenase	4.15881
CNAG_00834	phosphatidylserine decarboxylase	4.15682
CNAG_07493	conserved hypothetical protein	4.15141
CNAG_06827	conserved hypothetical protein	4.14503
CNAG_06926	conserved hypothetical protein	4.13201
CNAG_01368	conserved hypothetical protein	4.11527
CNAG_07802	class III aminotransferase	4.11502

CNAG_02678	conserved hypothetical protein	4.10971
CNAG_06209	hypothetical protein	4.10786
CNAG_01969	zinc metalloprotease	4.08252
CNAG_00813	conserved hypothetical protein	4.06478
CNAG_02439	conserved hypothetical protein	4.06210
CNAG_00488	conserved hypothetical protein	4.05453
CNAG_04337	cation diffusion facilitator	4.04658
CNAG_00961	conserved hypothetical protein	4.02791
CNAG_04890	conserved hypothetical protein	4.01275
CNAG_05658	L-arabinitol 4-dehydrogenase	3.99833
CNAG_00984	glucose and ribitol dehydrogenase protein	3.99434
CNAG_03518	PadA2	3.99138
CNAG_03067	pyruvate carboxyltransferase	3.97670
CNAG_07308	conserved hypothetical protein	3.96886
CNAG_06999	conserved hypothetical protein	3.96488
CNAG_06302	PEP2	3.95105
CNAG_07043	conserved hypothetical protein	3.94354
CNAG_05644	2-nitropropane dioxygenase	3.93649
CNAG_03572	opsin 1	3.93541
CNAG_03347	chaperone	3.93091
CNAG_01727	Hsc70-4	3.90297
CNAG_04416	major facilitator superfamily transporter	3.89975
CNAG_02438	conserved hypothetical protein	3.88994
CNAG_04106	conserved hypothetical protein	3.88003
CNAG_05119	GabA permease	3.87867
CNAG_00172	kinesin	3.86371
CNAG_03113	trehalose synthase	3.85743
CNAG_03394	conserved hypothetical protein	3.84610
CNAG_00597	amino acid transporter	3.81365
CNAG_04937	conserved hypothetical protein	3.79966
CNAG_05913	alpha-glucosidase	3.77892
CNAG_03794	endoplasmic reticulum protein	3.77356
CNAG_01341	mannose-6-phosphate isomerase	3.77028
CNAG_03002	conserved hypothetical protein	3.76714
CNAG_04374	conserved hypothetical protein	3.74275
CNAG_01743	conserved hypothetical protein	3.72261
CNAG_05653	malate synthase	3.72239
CNAG_05304	predicted protein	3.70736
CNAG_03128	lincomycin-condensing protein lmbA	3.68472
CNAG_04186	conserved hypothetical protein	3.67086
CNAG_02877	conserved hypothetical protein	3.64507
CNAG_01417	conserved hypothetical protein	3.61690
CNAG_02254	quininate permease	3.60585
CNAG_04345	specific RNA polymerase II transcription factor	3.60170
CNAG_06932	sugar transporter	3.60168
CNAG_04415	oxidoreductase	3.59355

CNAG_03059	conserved hypothetical protein	3.59222
CNAG_07492	conserved hypothetical protein	3.59061
CNAG_03910	D-xylose-proton symporter	3.58648
CNAG_01847	conserved hypothetical protein	3.58352
CNAG_04096	racemase	3.58267
CNAG_04210	sugar transporter	3.57663
CNAG_06574	antiphagocytic protein 1	3.57116
CNAG_04970	conserved hypothetical protein	3.57021
CNAG_05169	cytochrome b2	3.54444
CNAG_02874	conserved hypothetical protein	3.54017
CNAG_07486	conserved hypothetical protein	3.52279
CNAG_06106	chaperone regulator	3.52160
CNAG_02933	quinone oxidoreductase	3.52098
CNAG_05932	peptidyl-prolyl cis-trans isomerase D	3.51894
CNAG_04314	NAD+ kinase	3.51637
CNAG_03782	conserved hypothetical protein	3.51440
CNAG_05991	glycosyl hydrolase family 88	3.50966
CNAG_06583	conserved hypothetical protein	3.50437
CNAG_04795	adenine nucleotide transporter	3.48019
CNAG_03114	conserved hypothetical protein	3.45793
CNAG_03083	cupin domain-containing protein	3.45259
CNAG_04308	short chain 3-hydroxyacyl-CoA dehydrogenase	3.44063
CNAG_07832	predicted protein	3.43916
CNAG_05994	multidrug transporter	3.43351
CNAG_05867	L-fucose transporter	3.43043
CNAG_03597	conserved hypothetical protein	3.42653
CNAG_04735	extracellular elastinolytic metalloproteinase	3.42336
CNAG_02690	pirin	3.40136
CNAG_03461	hypothetical protein	3.39714
CNAG_04129	conserved hypothetical protein	3.38537
CNAG_00851	conserved hypothetical protein	3.38525
CNAG_05042	carnitine acetyltransferase	3.37488
CNAG_06292	sugar transporter	3.37194
CNAG_07944	allophanate hydrolase subunit 2	3.36584
CNAG_04626	conserved hypothetical protein	3.36420
CNAG_01102	oxidoreductase	3.35701
CNAG_00529	sulfite transporter	3.34730
CNAG_05436	conserved hypothetical protein	3.34218
CNAG_04394	conserved hypothetical protein	3.33382
CNAG_01865	conserved hypothetical protein	3.31385
CNAG_06935	isochorismatase hydrolase	3.30694
CNAG_04085	oxidoreductase	3.30452
CNAG_00979	copper uptake transporter	3.30091
CNAG_05067	conserved hypothetical protein	3.29690
CNAG_06868	enolase 1	3.29678
CNAG_00598	nicotinamide mononucleotide permease	3.29017

CNAG_06169	R,R	3.28614
CNAG_01758	polygalacturonase	3.28612
CNAG_00537	carnitine acetyltransferase	3.28581
CNAG_03775	conserved hypothetical protein	3.27918
CNAG_05178	conserved hypothetical protein	3.27684
CNAG_00484	puruvate dehydrogenase complex	3.27661
CNAG_01252	thiosulfate sulfurtransferase	3.26172
CNAG_07026	conserved hypothetical protein	3.25743
CNAG_04455	peroxisomal protein	3.25634
CNAG_05313	conserved hypothetical protein	3.25398
CNAG_05675	mitochondrial protein	3.25059
CNAG_06871	conserved hypothetical protein	3.24304
CNAG_04459	hypothetical protein	3.23979
CNAG_06879	conserved hypothetical protein	3.21252
CNAG_05310	nipsnap family protein	3.20190
CNAG_00686	conserved hypothetical protein	3.20107
CNAG_04979	conserved hypothetical protein	3.19721
CNAG_06024	peroxin 14	3.19666
CNAG_01954	aldo/keto reductase	3.19186
CNAG_01075	methylmalonate-semialdehyde dehydrogenase	3.18636
CNAG_03408	conserved hypothetical protein	3.18181
CNAG_01338	DNA repair protein rhp42	3.18046
CNAG_00336	conserved hypothetical protein	3.17973
CNAG_02943	cytoplasmic protein	3.17642
CNAG_01359	RNA polymerase II subunit 7	3.17553
CNAG_01686	ThiJ/Pfpl	3.17437
CNAG_01138	cytochrome c peroxidase	3.17086
CNAG_06653	hypothetical protein	3.14991
CNAG_03511	conserved hypothetical protein	3.14936
CNAG_03233	conserved hypothetical protein	3.14612
CNAG_04174	peroxisome assembly factor-2	3.11395
CNAG_01386	conserved hypothetical protein	3.10550
CNAG_06229	conserved hypothetical protein	3.09882
CNAG_05325	conserved hypothetical protein	3.09424
CNAG_01031	conserved hypothetical protein	3.09377
CNAG_07319	conserved hypothetical protein	3.08325
CNAG_04737	DUF323 domain-containing protein	3.08134
CNAG_03519	cytoplasmic protein	3.07856
CNAG_06602	cysteine-type peptidase	3.07723
CNAG_04409	conserved hypothetical protein	3.07018
CNAG_04621	glycogen synthase	3.06350
CNAG_01689	conserved hypothetical protein	3.06321
CNAG_06515	UPF0271 protein	3.06278
CNAG_01584	hydrolase	3.05665
CNAG_01387	conserved hypothetical protein	3.04703
CNAG_02335	UPF0364 protein	3.04674

CNAG_07596	predicted protein	3.04527
CNAG_03728	conserved hypothetical protein	3.04268
CNAG_07645	predicted protein	3.03177
CNAG_04736	conserved hypothetical protein	3.02823
CNAG_05094	predicted protein	3.02723
CNAG_03050	conserved hypothetical protein	3.02446
CNAG_00827	ribose 5-phosphate isomerase	3.02397
CNAG_02006	deamidase	3.01898
CNAG_05499	conserved hypothetical protein	3.00594
CNAG_06355	conserved hypothetical protein	3.00230
CNAG_03076	predicted protein	2.99971
CNAG_05685	neutral amino acid transporter	2.99570
CNAG_03036	potassium ion transporter	2.99124
CNAG_03563	aspartate-tRNA ligase	2.97919
CNAG_02226	conserved hypothetical protein	2.97427
CNAG_05300	mitochondrial carrier protein	2.96721
CNAG_07341	conserved hypothetical protein	2.95551
CNAG_05676	tyrosine aminotransferase	2.94308
CNAG_02170	conserved hypothetical protein	2.94072
CNAG_06698	phosphatase	2.93844
CNAG_03630	conserved hypothetical protein	2.93732
CNAG_05115	sarcosine oxidase	2.93149
CNAG_05383	conserved hypothetical protein	2.92747
CNAG_04402	splicing factor	2.92596
CNAG_04275	metalloendopeptidase	2.92497
CNAG_01185	hsp70-like protein	2.91802
CNAG_00305	chaperone activator	2.91166
CNAG_00848	conserved hypothetical protein	2.91059
CNAG_00054	DUF1264 domain-containing protein	2.89702
CNAG_06247	conserved hypothetical protein	2.89526
CNAG_01695	conserved hypothetical protein	2.89473
CNAG_05871	conserved hypothetical protein	2.89239
CNAG_02284	branched-chain alpha-keto acid dehydrogenase E1-alpha subunit	2.88850
CNAG_04351	methilmalonate-semialdehyde dehydrogenase	2.88638
CNAG_00738	conserved hypothetical protein	2.88629
CNAG_02044	conserved hypothetical protein	2.87112
CNAG_06213	conserved hypothetical protein	2.86909
CNAG_01383	conserved hypothetical protein	2.86494
CNAG_05686	hypothetical protein	2.85308
CNAG_01493	conserved hypothetical protein	2.85213
CNAG_03771	DNA binding protein Ncp1	2.84623
CNAG_05324	sugar transporter	2.84145
CNAG_02934	conserved hypothetical protein	2.84139
CNAG_02449	long-chain-fatty-acid-CoA ligase	2.84024
CNAG_02417	lipase/esterase family protein	2.83863
CNAG_05095	putativepod-specific dehydrogenase SAC25	2.83612

CNAG_03562	D-amino-acid oxidase	2.83596
CNAG_06066	nucleoside-diphosphate-sugar epimerase family protein	2.83115
CNAG_00036	Sec14 cytosolic factor	2.82552
CNAG_01588	hypothetical protein	2.82465
CNAG_05168	conserved hypothetical protein	2.82387
CNAG_03393	acyl-CoA thiolesterase	2.81458
CNAG_01007	C2 domain-containing protein	2.81201
CNAG_02500	calnexin	2.81133
CNAG_00543	conserved hypothetical protein	2.80411
CNAG_06816	FCY1	2.80386
CNAG_02872	conserved hypothetical protein	2.80119
CNAG_03564	conserved hypothetical protein	2.79053
CNAG_01348	conserved hypothetical protein	2.78831
CNAG_03179	conserved hypothetical protein	2.78574
CNAG_06836	oxidoreductase	2.77786
CNAG_00462	oxidoreductase	2.77370
CNAG_04324	Atg22B-1p	2.76907
CNAG_03446	conserved hypothetical protein	2.76858
CNAG_04185	conserved hypothetical protein	2.75394
CNAG_06931	beta-glucosidase	2.75364
CNAG_01934	predicted protein	2.75046
CNAG_02069	conserved hypothetical protein	2.74547
CNAG_02023	conserved hypothetical protein	2.73388
CNAG_04947	high-affinity nicotinic acid transporter	2.72896
CNAG_01479	conserved hypothetical protein	2.71240
CNAG_01481	conserved hypothetical protein	2.70406
CNAG_02682	MSH1 protein	2.69908
CNAG_03881	conserved hypothetical protein	2.69391
CNAG_05031	succinyl-CoA:3-ketoacid-coenzyme A transferase	2.69345
CNAG_00132	conserved hypothetical protein	2.69006
CNAG_02526	conserved hypothetical protein	2.68714
CNAG_06029	conserved hypothetical protein	2.68389
CNAG_03522	conserved hypothetical protein	2.67235
CNAG_07641	monosaccharide transporter	2.67200
CNAG_05587	conserved hypothetical protein	2.65851
CNAG_05843	translation initiation factor eIF-4E	2.64332
CNAG_01082	conserved hypothetical protein	2.64191
CNAG_03698	zinc finger protein Mlo2	2.63735
CNAG_02448	predicted protein	2.62923
CNAG_05338	conserved hypothetical protein	2.62379
CNAG_01696	DNAj protein	2.62329
CNAG_07551	conserved hypothetical protein	2.61639
CNAG_04934	conserved hypothetical protein	2.61145
CNAG_06208	heat shock protein	2.61037
CNAG_02728	peroxisomal membrane protein pex13	2.60844
CNAG_05654	conserved hypothetical protein	2.60470

CNAG_06296	conserved hypothetical protein	2.59870
CNAG_03304	conserved hypothetical protein	2.59805
CNAG_06186	DUF895 domain membrane protein	2.58240
CNAG_05657	cytoplasmic protein	2.57800
CNAG_02429	conserved hypothetical protein	2.57767
CNAG_04322	conserved hypothetical protein	2.57113
CNAG_03991	integral membrane protein	2.56965
CNAG_06309	hypothetical protein	2.56682
CNAG_00177	conserved hypothetical protein	2.56666
CNAG_01735	conserved hypothetical protein	2.56515
CNAG_03727	conserved hypothetical protein	2.56455
CNAG_02169	conserved hypothetical protein	2.55512
CNAG_04209	voltage-gated potassium channel beta-2 subunit	2.55104
CNAG_00161	auxin-induced protein	2.54794
CNAG_00096	conserved hypothetical protein	2.54179
CNAG_05937	conserved hypothetical protein	2.53885
CNAG_01764	cytoplasmic protein	2.53837
CNAG_00131	alcohol dehydrogenase	2.53110
CNAG_01926	peroxisome targeting signal receptor	2.52793
CNAG_05350	conserved hypothetical protein	2.52443
CNAG_00251	conserved hypothetical protein	2.51859
CNAG_04112	oxidoreductase	2.51269
CNAG_02058	hypothetical protein	2.50347
CNAG_07768	predicted protein	2.50124
CNAG_07826	hypothetical protein	2.49467
CNAG_05870	conserved hypothetical protein	2.49428
CNAG_00654	conserved hypothetical protein	2.48975
CNAG_04401	vesicular-fusion protein	2.48919
CNAG_00840	conserved hypothetical protein	2.48819
CNAG_01633	conserved hypothetical protein	2.48548
CNAG_02398	conserved hypothetical protein	2.48255
CNAG_01074	neutral amino acid transporter	2.48048
CNAG_03894	conserved hypothetical protein	2.47336
CNAG_02427	conserved hypothetical protein	2.47138
CNAG_01983	cAMP-independent regulatory protein	2.46181
CNAG_00107	conserved hypothetical protein	2.45897
CNAG_05299	oxidoreductase	2.45846
CNAG_04938	conserved hypothetical protein	2.45775
CNAG_06527	trehalose transporter	2.45756
CNAG_05599	conserved hypothetical protein	2.45479
CNAG_00149	conserved hypothetical protein	2.45462
CNAG_07775	conserved hypothetical protein	2.45336
CNAG_04519	D-serine dehydratase	2.45300
CNAG_02013	conserved hypothetical protein	2.45190
CNAG_06942	nicotinamide mononucleotide permease	2.44607
CNAG_01942	hypothetical protein	2.44149

CNAG_07348	phosphopantothenoylcysteine decarboxylase	2.43752
CNAG_07703	conserved hypothetical protein	2.43701
CNAG_02553	short-chain dehydrogenase	2.43690
CNAG_00162	alternative oxidase	2.43618
CNAG_04122	galactose dehydrogenase	2.43061
CNAG_04403	CCCH zinc finger protein	2.42967
CNAG_01794	2-hydroxyacid dehydrogenase	2.42798
CNAG_04886	conserved hypothetical protein	2.42581
CNAG_07776	pseudouridylate synthase	2.41449
CNAG_03705	conserved hypothetical protein	2.41355
CNAG_03692	DUF1295 domain-containing protein	2.41108
CNAG_01553	CORD and CS domain-containing protein	2.40794
CNAG_01085	conserved hypothetical protein	2.40646
CNAG_02595	conserved hypothetical protein	2.40358
CNAG_04090	activating transcription factor 2	2.40064
CNAG_01835	receptor	2.40059
CNAG_07796	uroporphyrin-III C-methyltransferase	2.40027
CNAG_07603	conserved hypothetical protein	2.39771
CNAG_00360	nuclear protein SNF4	2.39335
CNAG_07742	predicted protein	2.39226
CNAG_07708	conserved hypothetical protein	2.38857
CNAG_03145	predicted protein	2.38791
CNAG_03668	conserved hypothetical protein	2.38705
CNAG_04902	MMS2	2.38604
CNAG_06949	hypothetical protein	2.38444
CNAG_00374	conserved hypothetical protein	2.37998
CNAG_04067	conserved hypothetical protein	2.36944
CNAG_01307	endoplasmic reticulum protein	2.36830
CNAG_02168	glucoamylase s1/s2	2.36588
CNAG_05177	DNA-directed polymerase kappa	2.36528
CNAG_05993	transmembrane transporter Liz1p	2.36405
CNAG_02939	Pex3p	2.36260
CNAG_04903	conserved hypothetical protein	2.36256
CNAG_05861	conserved hypothetical protein	2.36211
CNAG_04076	predicted protein	2.35709
CNAG_06732	conserved hypothetical protein	2.35265
CNAG_05134	ornithine-oxo-acid transaminase	2.33954
CNAG_00524	acetyl-Coenzyme A acyltransferase 2	2.33770
CNAG_05665	conserved hypothetical protein	2.32589
CNAG_07512	conserved hypothetical protein	2.32287
CNAG_04869	carboxylesterases	2.32142
CNAG_02727	conserved hypothetical protein	2.32016
CNAG_00100	chaperone	2.31891
CNAG_00465	conserved hypothetical protein	2.31645
CNAG_04291	glycosyl-hydrolase	2.31487
CNAG_07683	conserved hypothetical protein	2.31293

CNAG_01763	cytoplasmic protein	2.30834
CNAG_05281	predicted protein	2.30505
CNAG_06121	conserved hypothetical protein	2.29587
CNAG_00575	catalase 3	2.29312
CNAG_07602	conserved hypothetical protein	2.29114
CNAG_00171	peroxisome assembly protein	2.28976
CNAG_07727	predicted protein	2.28645
CNAG_06448	cystathionine gamma-lyase	2.28586
CNAG_04086	conserved hypothetical protein	2.28558
CNAG_06791	conserved hypothetical protein	2.28506
CNAG_06565	conserved hypothetical protein	2.28367
CNAG_06497	microsomal epoxide hydrolase	2.28091
CNAG_05774	conserved hypothetical protein	2.27879
CNAG_00936	lipid particle protein	2.27585
CNAG_03859	transcriptional regulator Medusa	2.27560
CNAG_07766	DNA polymerase lambda	2.27189
CNAG_06807	conserved hypothetical protein	2.26951
CNAG_06973	conserved hypothetical protein	2.26880
CNAG_01776	HpcH/Hpal aldolase/citrate lyase family protein	2.26513
CNAG_05021	conserved hypothetical protein	2.26248
CNAG_04751	conserved hypothetical protein	2.25447
CNAG_06028	conserved hypothetical protein	2.25414
CNAG_03841	conserved hypothetical protein	2.25401
CNAG_01601	lipase	2.24773
CNAG_02017	predicted protein	2.24637
CNAG_03242	peroxisomal membrane protein	2.24614
CNAG_00729	conserved hypothetical protein	2.24410
CNAG_06216	conserved hypothetical protein	2.24077
CNAG_01675	tagatose-bisphosphate aldolase	2.23961
CNAG_07691	hypothetical protein	2.23664
CNAG_00499	carnitine/acyl carnitine carrier	2.23379
CNAG_07357	conserved hypothetical protein	2.23036
CNAG_00735	succinate-semialdehyde dehydrogenase	2.22161
CNAG_04625	serine-type endopeptidase	2.21796
CNAG_01193	conserved hypothetical protein	2.21656
CNAG_01672	RAS1	2.21366
CNAG_03738	pantetheine-phosphate adenyllyltransferase	2.21232
CNAG_01524	conserved hypothetical protein	2.21151
CNAG_04879	glycogen debranching enzyme	2.21071
CNAG_04228	2,4-dienoyl-CoA reductase	2.20561
CNAG_04690	mitochondrial protein	2.20454
CNAG_00855	ligase	2.19549
CNAG_05656	conserved hypothetical protein	2.19382
CNAG_05500	conserved hypothetical protein	2.19084
CNAG_01194	conserved hypothetical protein	2.19039
CNAG_04531	enoyl-CoA hydratase	2.18975

CNAG_00075	conserved hypothetical protein	2.18735
CNAG_02407	phospholipase D	2.17516
CNAG_07718	multidomain RhoGEF	2.17176
CNAG_07558	wos2 protein	2.17074
CNAG_07538	calcium ion transporter	2.16626
CNAG_01960	efflux protein EncT	2.15516
CNAG_01742	water channel	2.15498
CNAG_03046	conserved hypothetical protein	2.15357
CNAG_06843	predicted protein	2.15308
CNAG_03346	conserved hypothetical protein	2.15290
CNAG_01872	copper ion transporter	2.15090
CNAG_00163	conserved hypothetical protein	2.15038
CNAG_01542	taurine catabolism dioxygenase TauD	2.14766
CNAG_03825	conserved hypothetical protein	2.14676
CNAG_02066	conserved hypothetical protein	2.14646
CNAG_05971	hypothetical protein	2.14312
CNAG_01041	conserved hypothetical protein	2.14167
CNAG_05266	membrane protein	2.13746
CNAG_03490	conserved hypothetical protein	2.13679
CNAG_05114	peroxisomal copper amine oxidase	2.13496
CNAG_04333	conserved hypothetical protein	2.13483
CNAG_03526	conserved hypothetical protein	2.13388
CNAG_01796	conserved hypothetical protein	2.13165
CNAG_04070	exonuclease	2.13026
CNAG_05766	endoglucanase C	2.12259
CNAG_03697	hormone-sensitive lipase	2.11703
CNAG_04034	conserved hypothetical protein	2.11677
CNAG_01384	bodown198	2.11592
CNAG_03558	predicted protein	2.11568
CNAG_01086	conserved hypothetical protein	2.11215
CNAG_07702	conserved hypothetical protein	2.10836
CNAG_01892	conserved hypothetical protein	2.10624
CNAG_02873	signal peptidase I	2.10504
CNAG_06712	hypothetical protein	2.10442
CNAG_07942	cell division control protein 25	2.10260
CNAG_07933	hypothetical protein	2.10246
CNAG_07421	conserved hypothetical protein	2.09830
CNAG_00393	1,4-alpha-glucan-branching enzyme	2.09050
CNAG_00376	conserved hypothetical protein	2.09018
CNAG_07552	DNA repair protein rad8	2.08942
CNAG_03455	conserved hypothetical protein	2.08178
CNAG_06011	conserved hypothetical protein	2.08123
CNAG_03783	predicted protein	2.08060
CNAG_03599	mandelate racemase/muconate lactonizing enzyme	2.08016
CNAG_05891	conserved hypothetical protein	2.07872
CNAG_02550	conserved hypothetical protein	2.07703

CNAG_05321	transposase subfamily	2.07306
CNAG_00826	glycerone kinase	2.07160
CNAG_02323	conserved hypothetical protein	2.07081
CNAG_00403	mitochondrial protein	2.06858
CNAG_07767	conserved hypothetical protein	2.06827
CNAG_05652	cytoplasmic protein	2.06672
CNAG_02219	conserved hypothetical protein	2.06275
CNAG_03992	GTP-binding protein 1	2.06257
CNAG_03377	conserved hypothetical protein	2.06248
CNAG_02165	cytoplasmic protein	2.06237
CNAG_03241	conserved hypothetical protein	2.06225
CNAG_03290	STE/STE20/YSK protein kinase	2.06175
CNAG_04307	uricase	2.04850
CNAG_07361	conserved hypothetical protein	2.04630
CNAG_03492	conserved hypothetical protein	2.04621
CNAG_09003	small ribosomal protein subunit 3	2.04584
CNAG_03944	chaperone regulator	2.04402
CNAG_05601	calpain-like protease palB/RIM13	2.04016
CNAG_06511	conserved hypothetical protein	2.03569
CNAG_01314	vacuolar protein	2.03250
CNAG_06907	conserved hypothetical protein	2.03136
CNAG_06531	conserved hypothetical protein	2.03053
CNAG_02924	histone H1	2.02725
CNAG_07644	predicted protein	2.02551
CNAG_04495	conserved hypothetical protein	2.02449
CNAG_05320	oxidoreductase family protein	2.02282
CNAG_00028	high-affinity nicotinic acid transporter	2.02115
CNAG_07434	conserved hypothetical protein	2.02031
CNAG_00531	ENA P-type ATPase 1	2.01803
CNAG_04698	cytoplasmic protein	2.01426
CNAG_00521	conserved hypothetical protein	2.01300
CNAG_03133	UDP-glucose,sterol transferase	2.01236
CNAG_06507	conserved hypothetical protein	2.01096
CNAG_04718	conserved hypothetical protein	2.01095
CNAG_01476	conserved hypothetical protein	2.00774
CNAG_01234	spore wall assembly-related protein	2.00727
CNAG_06399	SH# domain-containing protein	2.00159
CNAG_06134	conserved hypothetical protein	1.99901
CNAG_01725	predicted protein	1.99577
CNAG_02070	conserved hypothetical protein	1.99474
CNAG_02692	nitroreductase family protein	1.99327
CNAG_00130	CAMK/CAMK1 protein kinase	1.99321
CNAG_07676	ATP-dependent RNA helicase DBP2-A	1.99288
CNAG_07654	conserved hypothetical protein	1.98797
CNAG_00526	conserved hypothetical protein	1.98562
CNAG_05643	conserved hypothetical protein	1.98357

CNAG_06578	conserved hypothetical protein	1.98321
CNAG_03294	conserved hypothetical protein	1.98236
CNAG_06010	fatty aldehyde dehydrogenase	1.98216
CNAG_04724	Ube3c protein	1.97873
CNAG_03445	conserved hypothetical protein	1.97766
CNAG_03685	conserved hypothetical protein	1.97697
CNAG_02465	allantoate permease	1.97674
CNAG_01977	predicted protein	1.97669
CNAG_02047	conserved hypothetical protein	1.97482
CNAG_01076	4-aminobutyrate transaminase	1.97191
CNAG_04386	conserved hypothetical protein	1.96704
CNAG_06286	conserved hypothetical protein	1.96553
CNAG_01982	conserved hypothetical protein	1.96372
CNAG_02584	serine/threonine-protein phosphatase 2A activator 1	1.96182
CNAG_04346	dihydrodipicolinate synthase	1.96117
CNAG_04208	machado-Joseph disease protein 1	1.95789
CNAG_05916	conserved hypothetical protein	1.95691
CNAG_05929	MFS maltose permease MalP	1.95406
CNAG_04611	ubiquitin-protein ligase	1.94990
CNAG_03913	conserved hypothetical protein	1.94870
CNAG_04898	MFS transporter	1.94583
CNAG_00047	kinase	1.94569
CNAG_05914	MFS maltose permease MalP	1.94494
CNAG_03790	conserved hypothetical protein	1.94200
CNAG_04195	O-methyltransferase	1.93990
CNAG_02355	UDP-N-acetylglucosamine transporter	1.93697
CNAG_00055	conserved hypothetical protein	1.93480
CNAG_05847	thioredoxin-disulfide reductase	1.93225
CNAG_06539	monocarboxylic acid transporter	1.93160
CNAG_03937	predicted protein	1.92992
CNAG_07586	conserved hypothetical protein	1.92827
CNAG_02699	conserved hypothetical protein	1.92812
CNAG_00745	other/HAL protein kinase	1.92139
CNAG_06035	alcohol dehydrogenase	1.91933
CNAG_02499	predicted protein	1.91875
CNAG_07743	predicted protein	1.91845
CNAG_02603	early growth response protein 1	1.91591
CNAG_04362	ATP-dependent RNA helicase DBP5	1.91348
CNAG_03679	conserved hypothetical protein	1.91185
CNAG_00001	conserved hypothetical protein	1.91028
CNAG_02903	zinc-type alcohol dehydrogenase	1.91012
CNAG_06499	Ppapdc1 protein	1.90986
CNAG_01925	conserved hypothetical protein	1.90976
CNAG_06938	conserved hypothetical protein	1.90845
CNAG_07482	conserved hypothetical protein	1.90696
CNAG_04193	conserved hypothetical protein	1.90609

CNAG_00057	fructose-bisphosphatase	1.90602
CNAG_01555	conserved hypothetical protein	1.90191
CNAG_03060	multiple drug resistance protein	1.90109
CNAG_00883	transcription factor	1.89692
CNAG_02441	conserved hypothetical protein	1.89436
CNAG_05283	coenzyme A transporter	1.88913
CNAG_05670	conserved hypothetical protein	1.88907
CNAG_06244	conserved hypothetical protein	1.88864
CNAG_00032	aldolase	1.88837
CNAG_00295	predicted protein	1.88657
CNAG_07490	predicted protein	1.88505
CNAG_04486	conserved hypothetical protein	1.88453
CNAG_00559	conserved hypothetical protein	1.88305
CNAG_02999	conserved hypothetical protein	1.88201
CNAG_02757	conserved hypothetical protein	1.88100
CNAG_04113	conserved hypothetical protein	1.87901
CNAG_04240	conserved hypothetical protein	1.87752
CNAG_04634	conserved hypothetical protein	1.87675
CNAG_02483	conserved hypothetical protein	1.87476
CNAG_02476	conserved hypothetical protein	1.87394
CNAG_00964	conserved hypothetical protein	1.87061
CNAG_03427	aconitate hydratase	1.86953
CNAG_06238	conserved hypothetical protein	1.86798
CNAG_01188	peroxin19 Pex19p	1.86725
CNAG_02237	cytoskeleton assembly control protein	1.86305
CNAG_06073	predicted protein	1.85827
CNAG_04602	conserved hypothetical protein	1.85727
CNAG_06474	heterogeneous nuclear ribonucleoprotein HRP1	1.85242
CNAG_05608	conserved hypothetical protein	1.85102
CNAG_06214	predicted protein	1.85099
CNAG_02570	predicted protein	1.85014
CNAG_07307	hypothetical protein	1.84839
CNAG_05517	conserved hypothetical protein	1.84797
CNAG_06311	cytoplasmic protein	1.84665
CNAG_04707	conserved hypothetical protein	1.84557
CNAG_06075	conserved hypothetical protein	1.84438
CNAG_07838	cytoplasmic protein	1.83607
CNAG_00516	peroxisome targeting signal receptor	1.83487
CNAG_01834	conserved hypothetical protein	1.83370
CNAG_04273	conserved hypothetical protein	1.83271
CNAG_06522	conserved hypothetical protein	1.83165
CNAG_04892	conserved hypothetical protein	1.82959
CNAG_06151	transferase	1.82958
CNAG_01156	CAP2p	1.82949
CNAG_05518	conserved hypothetical protein	1.82896
CNAG_05889	SH3YL1 protein	1.82831

CNAG_00292	zinc-finger protein zpr1	1.82783
CNAG_07662	hypothetical protein	1.82711
CNAG_05930	conserved hypothetical protein	1.82591
CNAG_07401	predicted protein	1.82557
CNAG_01882	protein-lysine N-methyltransferase	1.82383
CNAG_07395	conserved hypothetical protein	1.82340
CNAG_01097	short-chain dehydrogenase/reductase SDR	1.82304
CNAG_01265	charged multivesicular body protein 6-A	1.81524
CNAG_02604	conserved hypothetical protein	1.81493
CNAG_01441	conserved hypothetical protein	1.80922
CNAG_01604	haloacid dehalogenase-like hydrolase domain-containing protein 2	1.80779
CNAG_03542	arginase	1.80655
CNAG_03016	chaperone regulator	1.80579
CNAG_07402	pantothenate transporter	1.80038
CNAG_06509	conserved hypothetical protein	1.80000
CNAG_02107	conserved hypothetical protein	1.79980
CNAG_01497	integral membrane protein	1.79827
CNAG_06498	conserved hypothetical protein	1.79683
CNAG_03162	vacuolar protein	1.79292
CNAG_00090	conserved hypothetical protein	1.79124
CNAG_07908	aconitate hydratase	1.78919
CNAG_04946	conserved hypothetical protein	1.78840
CNAG_03395	NifU-like protein c	1.78801
CNAG_06217	conserved hypothetical protein	1.78746
CNAG_04760	cytoplasmic protein	1.78640
CNAG_05846	UBC25	1.78623
CNAG_03407	predicted protein	1.78518
CNAG_07911	streptomycin biosynthesis protein StrI	1.78427
CNAG_03275	glutaryl-CoA dehydrogenase	1.78374
CNAG_00907	conserved hypothetical protein	1.78337
CNAG_07734	predicted protein	1.78251
CNAG_05910	conserved hypothetical protein	1.77976
CNAG_05092	predicted protein	1.77954
CNAG_00915	conserved hypothetical protein	1.77933
CNAG_03695	Cas41p	1.77889
CNAG_05732	predicted protein	1.77862
CNAG_02501	conserved hypothetical protein	1.77860
CNAG_05592	calcium-transporting ATPase	1.77772
CNAG_06781	conserved hypothetical protein	1.77332
CNAG_06172	transketolase	1.77211
CNAG_00303	high-affinity nicotinic acid transporter	1.76761
CNAG_02988	acetyltransferase	1.76752
CNAG_03082	cupin domain-containing protein	1.76676
CNAG_07823	predicted protein	1.76675
CNAG_07616	C6 zinc finger domain-containing protein	1.76652
CNAG_00897	glucosidase	1.76440

CNAG_07729	hypothetical protein	1.76393
CNAG_06116	conserved hypothetical protein	1.76325
CNAG_06294	DUF1338 domain-containing protein	1.75301
CNAG_06892	preconditioning-inducible gene 1 protein	1.75148
CNAG_04561	monooxygenase protein	1.74632
CNAG_03614	predicted protein	1.74482
CNAG_05649	conserved hypothetical protein	1.74264
CNAG_03454	pria protein	1.73952
CNAG_02752	short-chain dehydrogenase	1.73934
CNAG_07833	conserved hypothetical protein	1.73917
CNAG_00497	conserved hypothetical protein	1.73911
CNAG_00796	multidrug resistance protein 1	1.73873
CNAG_07369	predicted protein	1.73185
CNAG_07304	conserved hypothetical protein	1.73050
CNAG_03958	conserved hypothetical protein	1.73033
CNAG_06914	tubulin gamma chain	1.73024
CNAG_00797	acetate-CoA ligase	1.72853
CNAG_03828	aromatic amino acid aminotransferase I	1.72734
CNAG_07573	DNA ligase 4	1.72682
CNAG_03882	conserved hypothetical protein	1.72669
CNAG_02160	conserved hypothetical protein	1.72361
CNAG_02660	conserved hypothetical protein	1.72254
CNAG_02353	conserved hypothetical protein	1.72130
CNAG_03851	conserved hypothetical protein	1.71845
CNAG_01422	endoplasmic reticulum protein	1.71803
CNAG_04993	conserved hypothetical protein	1.71618
CNAG_05066	conserved hypothetical protein	1.71598
CNAG_05936	DNA-directed RNA polymerase III largest subunit	1.71565
CNAG_02043	conserved hypothetical protein	1.71014
CNAG_07584	conserved hypothetical protein	1.70848
CNAG_04103	DUF895 domain membrane protein	1.70636
CNAG_00079	conserved hypothetical protein	1.70343
CNAG_05981	conserved hypothetical protein	1.70054
CNAG_00284	efflux protein EncT	1.69854
CNAG_02000	short-chain dehydrogenase	1.69794
CNAG_02255	BNR/Asp-box repeat family protein	1.69205
CNAG_03401	conserved hypothetical protein	1.69096
CNAG_02586	sugar transporter	1.68895
CNAG_07042	conserved hypothetical protein	1.68469
CNAG_07633	predicted protein	1.68372
CNAG_02927	thioredoxin family protein	1.68343
CNAG_02497	thaumatin family protein	1.68260
CNAG_00678	urease accessory protein ureG	1.68137
CNAG_03122	predicted protein	1.68002
CNAG_02321	conserved hypothetical protein	1.67945
CNAG_05746	conserved hypothetical protein	1.67893

CNAG_07366	conserved hypothetical protein	1.67807
CNAG_05677	phospholipase	1.67795
CNAG_04728	conserved hypothetical protein	1.67515
CNAG_01952	aryl-alcohol dehydrogenase	1.67459
CNAG_06164	conserved hypothetical protein	1.67145
CNAG_05472	endodeoxyribonuclease	1.66917
CNAG_06443	heat shock protein 70	1.66821
CNAG_01002	conserved hypothetical protein	1.66799
CNAG_03595	conserved hypothetical protein	1.66691
CNAG_06532	conserved hypothetical protein	1.66158
CNAG_04359	prib protein	1.65981
CNAG_05407	conserved hypothetical protein	1.65976
CNAG_06873	5-oxoprolinase	1.65560
CNAG_03891	heat shock protein	1.65559
CNAG_03075	conserved hypothetical protein	1.65494
CNAG_00003	drug transporter	1.65442
CNAG_02362	conserved hypothetical protein	1.65313
CNAG_07539	purine nucleotide binding protein	1.64932
CNAG_01851	conserved hypothetical protein	1.64866
CNAG_04558	predicted protein	1.64479
CNAG_04953	conserved hypothetical protein	1.64408
CNAG_06021	rab GTPase activator	1.64408
CNAG_01256	conserved hypothetical protein	1.64398
CNAG_03875	UTP-hexose-1-phosphate uridylyltransferase	1.64175
CNAG_01308	conserved hypothetical protein	1.64033
CNAG_07821	conserved hypothetical protein	1.63821
CNAG_05072	endopeptidase	1.63533
CNAG_03730	DNA-directed RNA polymerase II kda polypeptide	1.63386
CNAG_06523	conserved hypothetical protein	1.63329
CNAG_05046	predicted protein	1.63317
CNAG_05735	hypothetical protein	1.63207
CNAG_01034	hypothetical protein	1.63154
CNAG_05872	endopeptidase	1.62949
CNAG_02673	NAD dependent epimerase/dehydratase family protein	1.62863
CNAG_06372	hypothetical protein	1.62827
CNAG_00550	msh5	1.62778
CNAG_07583	conserved hypothetical protein	1.62514
CNAG_01445	APG9	1.62479
CNAG_06463	predicted protein	1.62389
CNAG_01769	mitochondrial inner membrane protein	1.62374
CNAG_06592	ubiquitin conjugating enzyme	1.61788
CNAG_05842	cytochrome P450	1.61606
CNAG_00637	cystathionine beta-synthase	1.61473
CNAG_02599	aldolase	1.61198
CNAG_06705	predicted protein	1.61116
CNAG_05244	conserved hypothetical protein	1.60962

CNAG_03195	conserved hypothetical protein	1.60775
CNAG_01001	conserved hypothetical protein	1.60635
CNAG_01759	vacuolar membrane protein	1.60425
CNAG_06794	conserved hypothetical protein	1.60292
CNAG_04338	cation diffusion facilitator 1	1.60237
CNAG_02289	Rab4	1.60228
CNAG_03837	protein-L-isoaspartate O-methyltransferase	1.60107
CNAG_02904	predicted protein	1.60081
CNAG_05309	conserved hypothetical protein	1.59967
CNAG_06490	CAMK/CAMKL protein kinase	1.59712
CNAG_00549	conserved hypothetical protein	1.59680
CNAG_03838	conserved hypothetical protein	1.59555
CNAG_07780	farnesyltranstransferase	1.59492
CNAG_01605	rossman fold oxidoreductase	1.59292
CNAG_06853	hypothetical protein	1.59216
CNAG_07276	conserved hypothetical protein	1.59112
CNAG_00638	GTPase	1.59042
CNAG_06440	DNA dependent ATPase	1.58538
CNAG_05180	conserved hypothetical protein	1.58347
CNAG_03852	predicted protein	1.58339
CNAG_07704	conserved hypothetical protein	1.58334
CNAG_04502	conserved hypothetical protein	1.58033
CNAG_06905	cytoplasmic protein	1.58031
CNAG_07668	conserved hypothetical protein	1.57951
CNAG_06969	conserved hypothetical protein	1.57809
CNAG_02155	predicted protein	1.57757
CNAG_06876	alpha-ketoglutarate-dependent taurine dioxygenase	1.57481
CNAG_02892	GPI mannosyltransferase 3	1.57405
CNAG_07813	conserved hypothetical protein	1.57328
CNAG_02420	conserved hypothetical protein	1.57178
CNAG_07723	predicted protein	1.56740
CNAG_05941	conserved hypothetical protein	1.56687
CNAG_00710	glutamine synthetase	1.56610
CNAG_06052	galactose-1-phosphate uridylyltransferase	1.56546
CNAG_07589	xylitol dehydrogenase	1.56497
CNAG_02751	short-chain dehydrogenase	1.56336
CNAG_02423	conserved hypothetical protein	1.55902
CNAG_05397	conserved hypothetical protein	1.55864
CNAG_07606	predicted protein	1.55833
CNAG_03756	conserved hypothetical protein	1.55705
CNAG_04836	nuclear protein	1.55675
CNAG_02372	conserved hypothetical protein	1.55425
CNAG_03117	conserved hypothetical protein	1.55211
CNAG_05282	protein transporter	1.55027
CNAG_03040	transketolase	1.54976
CNAG_05260	glutamate decarboxylase	1.54967

CNAG_04523	glyceraldehyde 3-phosphate dehydrogenase	1.54958
CNAG_06285	predicted protein	1.54709
CNAG_07799	ABC transporter	1.54656
CNAG_01913	conserved hypothetical protein	1.54587
CNAG_06884	conserved hypothetical protein	1.54549
CNAG_04713	CLYBL protein	1.54190
CNAG_05777	conserved hypothetical protein	1.54136
CNAG_04911	conserved hypothetical protein	1.54111
CNAG_07525	predicted protein	1.54096
CNAG_01466	conserved hypothetical protein	1.54088
CNAG_07390	conserved hypothetical protein	1.53926
CNAG_03217	conserved hypothetical protein	1.53916
CNAG_05253	conserved hypothetical protein	1.53778
CNAG_00247	saccharopine dehydrogenase	1.53591
CNAG_06806	ETF1	1.53580
CNAG_05328	conserved hypothetical protein	1.53399
CNAG_02164	conserved hypothetical protein	1.53380
CNAG_01552	BET1 protein	1.53023
CNAG_04371	conserved hypothetical protein	1.52886
CNAG_00801	conserved hypothetical protein	1.52857
CNAG_05693	conserved hypothetical protein	1.52854
CNAG_04043	DUF636 domain-containing protein	1.52732
CNAG_04256	conserved hypothetical protein	1.52647
CNAG_03654	ATP dependent DNA helicase	1.52379
CNAG_03282	conserved hypothetical protein	1.52350
CNAG_02409	conserved hypothetical protein	1.52270
CNAG_00850	plant-inducible protein	1.52113
CNAG_02298	vacuolar membrane protein	1.52053
CNAG_07861	conserved hypothetical protein	1.51706
CNAG_02662	peptidase family C54 protein	1.51642
CNAG_05326	predicted protein	1.51524
CNAG_07874	sugar transporter	1.51297
CNAG_02966	carboxypeptidase D	1.51147
CNAG_00014	conserved hypothetical protein	1.51055
CNAG_01795	conserved hypothetical protein	1.50928
CNAG_03548	predicted protein	1.50863
CNAG_06760	conserved hypothetical protein	1.50835
CNAG_02596	predicted protein	1.50731
CNAG_02293	conserved hypothetical protein	1.50720
CNAG_01540	dehydrogenase	1.50538
CNAG_07670	predicted protein	1.50443
CNAG_04960	conserved hypothetical protein	1.50340
CNAG_03503	ATP-binding cassette transporter protein YOR1	1.50179
CNAG_07458	hypothetical protein	1.50053
CNAG_02697	conserved hypothetical protein	1.49996
CNAG_02504	conserved hypothetical protein	1.49960

CNAG_07717	ubiquitin carboxyl-terminal hydrolase 12	1.49807
CNAG_07617	conserved hypothetical protein	1.49136
CNAG_07809	hypothetical protein	1.49135
CNAG_07629	endopolyphosphatase	1.49091
CNAG_01670	conserved hypothetical protein	1.48839
CNAG_03847	conserved hypothetical protein	1.48765
CNAG_00582	conserved hypothetical protein	1.48117
CNAG_06266	conserved hypothetical protein	1.47882
CNAG_03054	conserved hypothetical protein	1.47722
CNAG_03250	conserved hypothetical protein	1.47384
CNAG_03889	conserved hypothetical protein	1.47292
CNAG_01154	conserved hypothetical protein	1.47208
CNAG_07785	predicted protein	1.46914
CNAG_00419	conserved hypothetical protein	1.46896
CNAG_05064	conserved hypothetical protein	1.46685
CNAG_01180	conserved hypothetical protein	1.46623
CNAG_06114	GTPase	1.46482
CNAG_05430	conserved hypothetical protein	1.46339
CNAG_00445	HMG1	1.46302
CNAG_03644	CAS3p	1.46252
CNAG_05482	conserved hypothetical protein	1.46040
CNAG_01564	RNA-binding protein	1.45876
CNAG_06243	conserved hypothetical protein	1.45829
CNAG_01069	conserved hypothetical protein	1.45638
CNAG_01706	predicted protein	1.45625
CNAG_00696	alpha-mannosidase	1.45505
CNAG_05963	conserved hypothetical protein	1.45466
CNAG_05339	conserved hypothetical protein	1.45287
CNAG_06349	conserved hypothetical protein	1.44971
CNAG_05990	predicted protein	1.44969
CNAG_00757	ubiquitin-specific protease	1.44780
CNAG_06956	conserved hypothetical protein	1.44619
CNAG_05974	predicted protein	1.44261
CNAG_02096	peroxisomal membrane protein pex16	1.44229
CNAG_05215	conserved hypothetical protein	1.44103
CNAG_02834	UDP-glucose:sterol glucosyltransferase	1.44015
CNAG_07840	conserved hypothetical protein	1.43857
CNAG_03051	polyamine transporter	1.43548
CNAG_00008	conserved hypothetical protein	1.43281
CNAG_04688	acyl-CoA dehydrogenase	1.43000
CNAG_04065	UDP-N-acetylglucosamine transferase subunit ALG13	1.42914
CNAG_02225	cellulase	1.42716
CNAG_04557	predicted protein	1.42413
CNAG_04142	tartrate transporter	1.42282
CNAG_04225	DUF1479 domain-containing protein	1.42048
CNAG_02531	CMGC/MAPK/ERK protein kinase	1.41801

CNAG_01186	gp165	1.41565
CNAG_02283	glucan 1,4-alpha-glucosidase	1.41438
CNAG_03135	DUF803 domain membrane protein	1.41249
CNAG_03309	pre-mRNA-splicing factor CWC21	1.41213
CNAG_05718	multidrug resistance protein fnx1	1.41187
CNAG_00752	transducin family protein	1.41041
CNAG_06809	other/IKS protein kinase	1.40841
CNAG_02217	chitin synthase 7	1.40745
CNAG_03976	conserved hypothetical protein	1.40673
CNAG_05467	predicted protein	1.40646
CNAG_04013	potassium channel	1.40557
CNAG_03489	RNA recognition domain-containing protein (RRM)-containing protein	1.40402
CNAG_06904	conserved hypothetical protein	1.40228
CNAG_00596	Utr2p	1.40154
CNAG_00029	D-3-phosphoglycerate dehydrogenase	1.40125
CNAG_07587	hypothetical protein	1.40018
CNAG_06334	conserved hypothetical protein	1.39952
CNAG_05768	conserved hypothetical protein	1.39784
CNAG_06771	conserved hypothetical protein	1.39734
CNAG_06009	cyclohydrolase	1.39323
CNAG_00080	conserved hypothetical protein	1.39036
CNAG_02052	dimeric dihydrodiol dehydrogenase	1.39024
CNAG_05727	conserved hypothetical protein	1.38969
CNAG_01317	conserved hypothetical protein	1.38730
CNAG_01064	conserved hypothetical protein	1.38721
CNAG_04675	conserved hypothetical protein	1.38045
CNAG_03381	conserved hypothetical protein	1.38016
CNAG_07626	NAD-binding Rossmann fold oxidoreductase family protein	1.38011
CNAG_04649	L-A virus GAG protein N-acetyltransferase	1.37700
CNAG_04956	high-affinity nicotinic acid transporter	1.37504
CNAG_00893	conserved hypothetical protein	1.37376
CNAG_04618	PRO1 protein	1.37284
CNAG_00889	conserved hypothetical protein	1.37148
CNAG_01893	glutathione S-transferase Gst3	1.37128
CNAG_05539	conserved hypothetical protein	1.36896
CNAG_00242	predicted protein	1.36808
CNAG_02484	peptidylprolyl isomerase	1.36712
CNAG_06657	conserved hypothetical protein	1.36675
CNAG_05018	conserved hypothetical protein	1.36616
CNAG_04466	UPF0061 protein	1.36523
CNAG_01401	conserved hypothetical protein	1.36473
CNAG_05784	conserved hypothetical protein	1.36305
CNAG_05346	peroxisomal sarcosine oxidase	1.35703
CNAG_07754	conserved hypothetical protein	1.35496
CNAG_01651	glycosidase	1.35487

CNAG_07338	N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D	1.35027
CNAG_01823	myo-inositol monophosphatase	1.34801
CNAG_03280	dihydrodipicolinate synthetase family protein	1.34663
CNAG_07315	conserved hypothetical protein	1.34406
CNAG_02706	predicted protein	1.34385
CNAG_04263	conserved hypothetical protein	1.34369
CNAG_00765	conserved hypothetical protein	1.34337
CNAG_02397	conserved hypothetical protein	1.34327
CNAG_05540	urease	1.34291
CNAG_00262	conserved hypothetical protein	1.34279
CNAG_02312	patatin-like phospholipase domain-containing protein	1.34246
CNAG_03909	conserved hypothetical protein	1.34168
CNAG_06202	conserved hypothetical protein	1.34164
CNAG_07841	conserved hypothetical protein	1.33857
CNAG_07394	conserved hypothetical protein	1.33838
CNAG_05364	conserved hypothetical protein	1.33648
CNAG_05231	nuclear protein	1.33604
CNAG_00436	palmitoyltransferase AKR1	1.33487
CNAG_04443	conserved hypothetical protein	1.33284
CNAG_06390	conserved hypothetical protein	1.33188
CNAG_04167	conserved hypothetical protein	1.32959
CNAG_06260	hydrolase	1.32889
CNAG_02929	transcription initiation factor tfiid 111 kda subunit	1.32794
CNAG_01848	conserved hypothetical protein	1.32794
CNAG_00967	conserved hypothetical protein	1.32516
CNAG_00866	transketolase	1.32070
CNAG_04974	conserved hypothetical protein	1.31759
CNAG_06337	conserved hypothetical protein	1.31692
CNAG_00816	microtubule binding protein	1.31655
CNAG_06595	conserved hypothetical protein	1.31481
CNAG_00181	macrophage erythroblast attacher isoform 1	1.31416
CNAG_04631	ribitol kinase	1.31134
CNAG_04033	alpha glucosidase	1.31057
CNAG_06787	metacaspase	1.30904
CNAG_04987	conserved hypothetical protein	1.30857
CNAG_06321	conserved hypothetical protein	1.30812
CNAG_06601	amidohydrolase family protein	1.30742
CNAG_00544	conserved hypothetical protein	1.30727
CNAG_02973	tRNA-intron endonuclease	1.30712
CNAG_00884	exocyst complex component protein	1.30567
CNAG_06805	predicted protein	1.30527
CNAG_05053	conserved hypothetical protein	1.30521
CNAG_04758	ammonium transporter	1.30461
CNAG_03752	conserved hypothetical protein	1.30212
CNAG_05645	conserved hypothetical protein	1.30086
CNAG_02776	conserved hypothetical protein	1.30073

CNAG_05446	Kex2	1.29987
CNAG_03734	conserved hypothetical protein	1.29939
CNAG_00287	cytoplasmic protein	1.29928
CNAG_01213	conserved hypothetical protein	1.29919
CNAG_07684	predicted protein	1.29542
CNAG_03436	transaminase	1.29345
CNAG_06249	taurine catabolism dioxygenase TauD	1.29253
CNAG_02592	thioredoxin reductase GlIT	1.29149
CNAG_02049	proline dehydrogenase	1.29130
CNAG_07858	predicted protein	1.29125
CNAG_03478	conserved hypothetical protein	1.28980
CNAG_04157	conserved hypothetical protein	1.28954
CNAG_01061	serine/threonine protein kinase	1.28860
CNAG_01078	aldehyde dehydrogenase	1.28842
CNAG_00898	multidrug efflux pump	1.28837
CNAG_04565	conserved hypothetical protein	1.28542
CNAG_04158	transcription corepressor	1.28484
CNAG_06252	conserved hypothetical protein	1.28384
CNAG_07763	conserved hypothetical protein	1.28351
CNAG_01261	myosin I binding protein	1.28345
CNAG_04107	conserved hypothetical protein	1.28265
CNAG_01827	conserved hypothetical protein	1.28052
CNAG_03110	conserved hypothetical protein	1.28006
CNAG_06801	conserved hypothetical protein	1.27964
CNAG_04673	NAD dependent epimerase/dehydratase family protein	1.27951
CNAG_05355	ubiquitin-protein ligase	1.27791
CNAG_04563	fungal specific transcription factor	1.27719
CNAG_04509	conserved hypothetical protein	1.27676
CNAG_03840	pre-mRNA-splicing factor CWC26	1.27641
CNAG_07475	predicted protein	1.27430
CNAG_00756	conserved hypothetical protein	1.26896
CNAG_04622	endoplasmic reticulum protein	1.26784
CNAG_00133	conserved hypothetical protein	1.26753
CNAG_07909	MmLim15 protein	1.26610
CNAG_05129	predicted protein	1.26498
CNAG_06985	beta-glucosidase	1.26459
CNAG_04936	conserved hypothetical protein	1.26427
CNAG_06561	allantoate transporter	1.26322
CNAG_03447	conserved hypothetical protein	1.26292
CNAG_04660	conserved hypothetical protein	1.26249
CNAG_05155	protein-tyrosine-phosphatase	1.26222
CNAG_01499	conserved hypothetical protein	1.26064
CNAG_00229	predicted protein	1.25986
CNAG_00923	membrane protein	1.25982
CNAG_01606	conserved hypothetical protein	1.25901
CNAG_07436	predicted protein	1.25862

CNAG_04108	kinase	1.25735
CNAG_00960	pre-mRNA splicing factor	1.25584
CNAG_05380	conserved hypothetical protein	1.25563
CNAG_00011	conserved hypothetical protein	1.25443
CNAG_05999	peptide alpha-N-acetyltransferase	1.25396
CNAG_05154	membrane fraction protein	1.25154
CNAG_03742	transcription factor	1.24813
CNAG_04397	conserved hypothetical protein	1.24789
CNAG_07943	conserved hypothetical protein	1.24778
CNAG_03355	CnHHK4	1.24731
CNAG_04534	conserved hypothetical protein	1.24421
CNAG_05548	conserved hypothetical protein	1.24348
CNAG_07853	predicted protein	1.24145
CNAG_01931	conserved hypothetical protein	1.24106
CNAG_06159	conserved hypothetical protein	1.24099
CNAG_03949	4-nitrophenylphosphatase	1.24073
CNAG_02524	conserved hypothetical protein	1.24013
CNAG_04784	monosaccharide transporter	1.23900
CNAG_00868	predicted protein	1.23882
CNAG_04361	conserved hypothetical protein	1.23865
CNAG_05306	conserved hypothetical protein	1.23743
CNAG_06867	conserved hypothetical protein	1.23687
CNAG_02684	conserved hypothetical protein	1.23597
CNAG_04140	conserved hypothetical protein	1.23590
CNAG_00141	monooxygenase	1.23381
CNAG_01162	conserved hypothetical protein	1.23365
CNAG_05598	conserved hypothetical protein	1.23331
CNAG_04154	conserved hypothetical protein	1.23324
CNAG_07404	predicted protein	1.23252
CNAG_05019	conserved hypothetical protein	1.23237
CNAG_06815	FAO1	1.23236
CNAG_00048	sugar transporter	1.23167
CNAG_06102	eukaryotic ADP/ATP carrier	1.23159
CNAG_06593	rhamnogalacturonan lyase	1.22864
CNAG_00503	conserved hypothetical protein	1.22848
CNAG_01846	flavoprotein	1.22787
CNAG_05038	conserved hypothetical protein	1.22782
CNAG_07513	conserved hypothetical protein	1.22714
CNAG_07692	nucleoside phosphatase	1.22608
CNAG_06636	conserved hypothetical protein	1.22558
CNAG_02332	conserved hypothetical protein	1.22540
CNAG_02229	farnesyltransferase	1.22509
CNAG_00460	conserved hypothetical protein	1.22317
CNAG_07440	nuclear migration protein nudF	1.22262
CNAG_00060	chaperone regulator	1.22241
CNAG_06381	DUF221 family protein	1.22214

CNAG_02363	SCR1 protein	1.22111
CNAG_02667	conserved hypothetical protein	1.22047
CNAG_01048	conserved hypothetical protein	1.21897
CNAG_03037	WDR8 protein	1.21693
CNAG_00566	DNA ligase	1.21672
CNAG_00421	GH14561p	1.21509
CNAG_01207	conserved hypothetical protein	1.21478
CNAG_06482	amidase	1.21091
CNAG_02703	conserved hypothetical protein	1.20810
CNAG_07906	conserved hypothetical protein	1.20784
CNAG_04677	xylitol dehydrogenase	1.20735
CNAG_03212	fork head domain-containing protein	1.20437
CNAG_06338	ABC transporter PMR5	1.20379
CNAG_00164	conserved hypothetical protein	1.20130
CNAG_02119	conserved hypothetical protein	1.20018
CNAG_05060	conserved hypothetical protein	1.19824
CNAG_07500	hypothetical protein	1.19531
CNAG_05220	phosphatidylinositol 3-kinase	1.19402
CNAG_04750	conserved hypothetical protein	1.19308
CNAG_01897	bromodomain transcription factor	1.19215
CNAG_07391	hypothetical protein	1.19191
CNAG_05528	conserved hypothetical protein	1.19161
CNAG_05560	short chain dehydrogenase	1.18978
CNAG_01541	conserved hypothetical protein	1.18978
CNAG_02942	conserved hypothetical protein	1.18892
CNAG_05292	alpha,alpha-trehalose-phosphate synthase	1.18793
CNAG_06533	ATP-dependent permease	1.18763
CNAG_03890	conserved hypothetical protein	1.18514
CNAG_04582	conserved hypothetical protein	1.18122
CNAG_04745	conserved hypothetical protein	1.18092
CNAG_06259	alpha-glucoside:hydrogen symporter	1.18000
CNAG_00823	cadmium ion transporter	1.17809
CNAG_07730	tricarboxylate transport protein	1.17688
CNAG_05580	predicted protein	1.17595
CNAG_07305	conserved hypothetical protein	1.17569
CNAG_06263	conserved hypothetical protein	1.17564
CNAG_03980	conserved hypothetical protein	1.17538
CNAG_04315	RCC2 protein	1.17441
CNAG_02986	phosphoribosyl-ATP diphosphatase	1.17305
CNAG_06562	predicted protein	1.17166
CNAG_03707	efflux protein	1.17128
CNAG_00586	conserved hypothetical protein	1.16895
CNAG_03516	conserved hypothetical protein	1.16748
CNAG_04746	conserved hypothetical protein	1.16711
CNAG_09001	conserved hypothetical protein	1.16244
CNAG_00074	integral to plasma membrane protein	1.15994

CNAG_06540	dihydroxy-acid dehydratase	1.15915
CNAG_05508	conserved hypothetical protein	1.15892
CNAG_07607	chaperone regulator	1.15887
CNAG_00333	conserved hypothetical protein	1.15689
CNAG_00328	single-stranded DNA specific endodeoxyribonuclease	1.15607
CNAG_02064	helicase	1.15557
CNAG_05293	glycogenin glucosyltransferase	1.15555
CNAG_06695	conserved hypothetical protein	1.15352
CNAG_06330	conserved hypothetical protein	1.15227
CNAG_03024	AGC-group protein kinase	1.15170
CNAG_05733	cytoplasmic protein	1.15096
CNAG_01391	CDC37	1.14909
CNAG_05461	cytochrome b2	1.14301
CNAG_03830	conserved hypothetical protein	1.14289
CNAG_07835	predicted protein	1.14273
CNAG_00064	COPII-coated vesicle protein	1.14202
CNAG_00981	conserved hypothetical protein	1.14057
CNAG_04562	predicted protein	1.14023
CNAG_04915	predicted protein	1.14006
CNAG_07830	conserved hypothetical protein	1.13750
CNAG_05639	conserved hypothetical protein	1.13745
CNAG_01999	predicted protein	1.13735
CNAG_04651	conserved hypothetical protein	1.13607
CNAG_02512	DNA repair protein rad16	1.13582
CNAG_05104	CAMK-group protein kinase	1.13545
CNAG_03177	conserved hypothetical protein	1.13467
CNAG_03307	predicted protein	1.13406
CNAG_05015	catalase 4	1.13342
CNAG_04865	mannitol dehydrogenase	1.13261
CNAG_02735	hypothetical protein	1.13247
CNAG_00357	ribonuclease H	1.12576
CNAG_01465	5' flap endonuclease	1.12572
CNAG_03178	conserved hypothetical protein	1.12459
CNAG_03141	conserved hypothetical protein	1.12403
CNAG_07591	mitochondrial metalloendopeptidase OMA1	1.12347
CNAG_06459	vacuolar membrane protein	1.12226
CNAG_01055	phospholipid transporter	1.12025
CNAG_07164	Aim25p	1.11663
CNAG_00908	conserved hypothetical protein	1.11633
CNAG_00791	conserved hypothetical protein	1.11543
CNAG_02282	carboxypeptidase A4	1.11525
CNAG_07522	conserved hypothetical protein	1.11389
CNAG_04039	iron sulfur cluster assembly protein 1	1.11348
CNAG_01380	conserved hypothetical protein	1.11306
CNAG_00363	two-component sensor molecule	1.11296
CNAG_00396	AGC/PKA protein kinase	1.11289

CNAG_03946	galactokinase	1.11264
CNAG_03531	3-beta hydroxysteroid dehydrogenase/isomerase	1.11236
CNAG_05714	conserved hypothetical protein	1.11230
CNAG_05257	predicted protein	1.11220
CNAG_00547	conserved hypothetical protein	1.10949
CNAG_05879	predicted protein	1.10878
CNAG_05256	catalase	1.10804
CNAG_01212	conserved hypothetical protein	1.10677
CNAG_02953	tuberin	1.10616
CNAG_04097	glucose 1-dehydrogenase	1.10561
CNAG_00492	conserved hypothetical protein	1.10357
CNAG_01857	conserved hypothetical protein	1.10304
CNAG_02889	predicted protein	1.10250
CNAG_06161	Pip5k3 protein	1.10108
CNAG_00375	transcriptional activator gcn5	1.09902
CNAG_01266	ATP-dependent protease La	1.09773
CNAG_05272	conserved hypothetical protein	1.09718
CNAG_07632	aspartate aminotransferase	1.09661
CNAG_01567	DUF1688 domain-containing protein	1.09588
CNAG_04042	conserved hypothetical protein	1.09557
CNAG_07866	predicted protein	1.09535
CNAG_06552	CAMK/CAMKL/AMPK protein kinase	1.09484
CNAG_04339	nuclear mRNA splicing protein	1.09471
CNAG_01870	mitochondrial protein	1.09449
CNAG_07501	hypothetical protein	1.09240
CNAG_00369	conserved hypothetical protein	1.08339
CNAG_06529	conserved hypothetical protein	1.08253
CNAG_00078	vacuolar protein	1.08156
CNAG_04479	conserved hypothetical protein	1.08147
CNAG_06553	conserved hypothetical protein	1.08011
CNAG_00124	CAS3p	1.07746
CNAG_04744	mannose-6-phosphate isomerase	1.07723
CNAG_05065	conserved hypothetical protein	1.07711
CNAG_04485	long-chain-fatty-acid-CoA-ligase	1.07592
CNAG_04309	conserved hypothetical protein	1.07557
CNAG_00425	predicted protein	1.07376
CNAG_00583	conserved hypothetical protein	1.07263
CNAG_04530	DNA-binding protein	1.07202
CNAG_05043	conserved hypothetical protein	1.07151
CNAG_00241	arginine methyltransferase-interacting ring finger protein	1.07146
CNAG_05097	cytoplasmic protein	1.07004
CNAG_02349	conserved hypothetical protein	1.06962
CNAG_01713	conserved hypothetical protein	1.06954
CNAG_05096	histone deacetylase 3	1.06951
CNAG_02095	cyclin	1.06905
CNAG_07316	alcohol dehydrogenase	1.06892

CNAG_02206	predicted protein	1.06677
CNAG_01919	conserved hypothetical protein	1.06646
CNAG_04907	conserved hypothetical protein	1.06628
CNAG_05628	DUF300 domain-containing protein	1.06601
CNAG_02828	conserved hypothetical protein	1.06597
CNAG_07491	conserved hypothetical protein	1.06441
CNAG_05330	trehalose transporter	1.06397
CNAG_02993	imidazoleglycerol-phosphate dehydratase	1.06256
CNAG_00152	conserved hypothetical protein	1.06200
CNAG_06137	predicted protein	1.06188
CNAG_03923	endonuclease	1.06167
CNAG_00364	O-sialoglycoprotein endopeptidase	1.06059
CNAG_00443	conserved hypothetical protein	1.06041
CNAG_07621	conserved hypothetical protein	1.05966
CNAG_06612	conserved hypothetical protein	1.05932
CNAG_02540	conserved hypothetical protein	1.05885
CNAG_03421	conserved hypothetical protein	1.05879
CNAG_00581	endopeptidase	1.05770
CNAG_01131	conserved hypothetical protein	1.05763
CNAG_03277	inositol oxygenase	1.05606
CNAG_01722	vacuolar protein sorting-associated protein vps13	1.05354
CNAG_03460	phosphoglycerate dehydrogenase	1.05287
CNAG_02505	conserved hypothetical protein	1.05185
CNAG_02089	conserved hypothetical protein	1.04897
CNAG_00595	conserved hypothetical protein	1.04876
CNAG_05965	conserved hypothetical protein	1.04873
CNAG_06014	predicted protein	1.04768
CNAG_01711	glycerol-3-phosphate O-acyltransferase	1.04717
CNAG_02192	conserved hypothetical protein	1.04451
CNAG_04410	endoplasmic reticulum protein	1.04283
CNAG_06704	predicted protein	1.04087
CNAG_03754	short-chain dehydrogenase/reductase SDR	1.04054
CNAG_06281	predicted protein	1.04006
CNAG_04610	conserved hypothetical protein	1.03980
CNAG_01989	conserved hypothetical protein	1.03631
CNAG_07575	conserved hypothetical protein	1.03528
CNAG_02381	conserved hypothetical protein	1.03489
CNAG_00156	conserved hypothetical protein	1.03333
CNAG_04520	D-aminoacylase	1.03291
CNAG_04178	conserved hypothetical protein	1.03187
CNAG_04874	conserved hypothetical protein	1.03162
CNAG_06265	high-affinity nicotinic acid transporter	1.02723
CNAG_01472	endoplasmic reticulum protein	1.02699
CNAG_05438	conserved hypothetical protein	1.02555
CNAG_04059	conserved hypothetical protein	1.02451
CNAG_06869	HPP family protein	1.02233

CNAG_02305	conserved hypothetical protein	1.02192
CNAG_01427	acetyltransferase	1.02190
CNAG_05738	hypothetical protein	1.02150
CNAG_03103	ubiquitin-protein ligase	1.02131
CNAG_01910	conserved hypothetical protein	1.02091
CNAG_00015	conserved hypothetical protein	1.02003
CNAG_06866	conserved hypothetical protein	1.01973
CNAG_05468	DNA-(apurinic or apyrimidinic site) lyase	1.01973
CNAG_07673	predicted protein	1.01944
CNAG_03995	predicted protein	1.01900
CNAG_03689	zf-C3HC4 type zinc finger	1.01897
CNAG_01399	conserved hypothetical protein	1.01889
CNAG_06912	conserved hypothetical protein	1.01870
CNAG_06232	TFC7	1.01867
CNAG_05284	conserved hypothetical protein	1.01640
CNAG_06966	conserved hypothetical protein	1.01594
CNAG_00835	conserved hypothetical protein	1.01584
CNAG_03231	predicted protein	1.01568
CNAG_02788	conserved hypothetical protein	1.01505
CNAG_07312	conserved hypothetical protein	1.01476
CNAG_01873	conserved hypothetical protein	1.01471
CNAG_06058	conserved hypothetical protein	1.01415
CNAG_06371	hydrolase	1.01342
CNAG_07463	cysteine-type endopeptidase	1.01262
CNAG_00264	nuclease I	1.01205
CNAG_04159	IBR domain-containing protein	1.01195
CNAG_02228	conserved hypothetical protein	1.01179
CNAG_03061	multiple drug resistance protein	1.01030
CNAG_06538	monocarboxylic acid transporter	1.01025
CNAG_05564	peroxisome assembly protein per8	1.00716
CNAG_02347	conserved hypothetical protein	1.00537
CNAG_07913	conserved hypothetical protein	1.00464
CNAG_07339	conserved hypothetical protein	1.00323
CNAG_00031	conserved hypothetical protein	1.00271
CNAG_02996	flavoprotein oxygenase	1.00078