

UNIQUID	NAME	A mock 0	A mock 10	A mock 20	A mock 40	A mock 80	B
APD 0 B APD 10	B APD 20	B APD 40	B APD 80	C DPTA 0	C DPTA 10	C	
DPTA 20	C DPTA 40	C DPTA 80	D DPTA 0	D DPTA 10	D DPTA 20	D DPTA	
40	D DPTA 80	E DPTA 0 fzf1del	E DPTA 10 fzf1del	E DPTA 20 fzf1del	E DPTA		
40 fzf1del	E DPTA 80 fzf1del	F DPTA 0	F DPTA 10	F DPTA 20	F DPTA 40	F	
DPTA 80	F DPTA 120	G DPTA 0 yhb1del	G DPTA 10 yhb1del	G DPTA 20 yhb1del	G		
DPTA 40 yhb1del	G DPTA 80 yhb1del	G DPTA 120 yhb1 del	H DPTA 0 fzf1del	H			
DPTA 10 fzf1del	H DPTA 20 fzf11del	H DPTA 40 fzf1del	H DPTA 80 fzf1del	H			
DPTA 120 fzf1 del	I NO gas 120						
YGR247W	"YGR247W::CPD1::2',3'-cyclic nucleotide 3'-phosphodiesterase, similar to cyclic phosphodiesterases from Arapidopsis and wheat" 1						
	0.817436507	0.981498472	1.096497401	0.796857505	1	0.884054879	
	0.964853199	1.157992954	1	1.089038511	1.083987124	1.307341348	
	0.985274985	1	1.062283089	0.719952502	1	2.033001074	
	1.545936069	1.652205115	0.984962666	1.019146081	1.301447046		
	1.105292686	1.032464884	1	0.998178988	0.870050025	0.988247227	
	1.275732713	1	1.043527109	0.866086946	0.955031979		
	0.876209386	0.960559531					
YGR261C	"YGR261C::APL6::beta3-like subunit of the yeast AP-3 complex which functions in transport of alkaline phosphatase to the vacuole via the alternate pathway, suppressor of loss of casein kinase 1 function" 1 0.901466102						
	0.812631731	1.20252768	1.029228901	1	1.083020634	1.152734112	
	0.911046713	0.928976895	1	1.030356501	0.924556575	0.708075459	
	1.114642225	1	1.183835744	0.96142098	1.384476464	0.802673149	1
	0.771943707	0.651028007	0.762435762	0.971137361	1	0.988225496	
	1.048242094	1.076140478	1.015068356	1.001789984	1	1.051342623	
	0.944237006	0.948638355	0.91704266	0.709455155	1	0.915771158	
	1.11787401	0.977195035	0.930638264	0.954994312	1.386112744		
YGR263C	YGR263C::molecular_function unknown 1 0.953555686						
	0.896402274	1.155307937	0.884350174	1	0.984929573	0.98900369	
	1.040348799	1.036990616	1	1.064380176	1.02572823	1.016821042	
	1.27922675	1.204346532	1.317608435	1.640756624	0.947581025	1	
	0.974837521	1.090693253	1.046826005	0.740117958	1	1.055159317	
	1.223720223	1.140214401	1.002612396	0.953917328	1	0.959972565	
	0.956625951	1.02260005	0.999659251	0.626166626	1	1.075810265	
	1.026484591	1.093696766	0.809866177	0.978522016	0.964937646		
YGR265W	YGR265W::molecular_function unknown 1 1.079104469						
	0.603597227	1.520947036	0.824600463	1	1.432533307	1.287527418	
	0.732863693	0.663521884	1	1.224990244	0.831613232	0.285267376	
	0.932269729	1	0.29231908	1			
	0.510147189	1	0.779187651	0.645808562	0.756686954	1.150503916	
	0.930578541	1	0.882498985	0.526422485	0.677952551	0.721529379	
	0.157695235	1	0.955803222	0.311828027	0.73372008	0.371715829	
	0.330136105	0.484220049					
YOL128C	YOL128C::YGK3::Yeast homologue of mammalian Glycogen Synthase 3 1						
	1.10440504	0.824111749	1.162624182	0.798854993	1	1.14130043	
	1.080368521	0.736784294	0.909605357	1	1.067618067	0.608309501	
	0.68318737	0.824972124	1	2.408633735	0.889268864	1.41124024	
	1.002323136	1	1.673628666	0.601007502	0.577931589	1.090218855	1
	0.98623209	0.660444286	1.028991089	1.173418448	1.230843466	1	
	0.795103145	0.590634931	0.876797747	0.851454001	0.65108233	1	
	1.193286967	0.77900787	0.758801956	0.681694408	1.07104043	1.185594872	
YGR267C	YGR267C::FOL2::First enzyme in biosynthetic pathway for folic acid and tetrahydrobioptern 1 1.159198175 1.110531756 0.923451864 1.279942294 1						
	1.06842044	1.109448123	1.381398092	1.315650872	1	1.344698867	
	1.354787471	0.927564638	1	1.431682322	1.115540099	0.797658544	1
	2.139740607	1.936193102	1.880769831	1.691150289	1	1.169414994	

1.161418248	0.92884919	0.918042763	1.014975526	1	1.060720866
1.327848447	1.117523325	0.934869749	1.232946614	1	1.187716223
1.419500718	0.989354677	1.340883995	1.252615317	1.170709299	
YOL130W	YOL130W::ALR1::aluminium resistance			1	0.892631537
0.623036494	0.927487571	0.580147926	1	0.931819579	0.782392366
0.660102371	0.723815935	1	0.738862542	0.63394791	0.375312224
0.911915445	1	0.736469264		0.682177171	0.436003509
0.612329133		0.763127523	1	0.910993253	0.751234651
1.128493785	1.290191801	1.121276929	1	1.244699536	0.739479784
0.682113658	1.160636742	0.689006839	1	0.646439275	0.539436836
0.847631338	0.610575541	0.503385199	0.70049921		
YGR269W	YGR269W::YGR269W::molecular_function unknown			1	1.066480282
	1	0.941710632	0.891798638	0.813633318	1
1.185909559	1.082801399	0.803550592	1.0227141	1	0.417378774
	0.176953378			1	0.954734966
1.0644449	1	0.922567606	0.73764975		1.319261198
0.73328422					
YOL132W	YOL132W::GAS4::Hypothetical ORF			1.065063267	0.81425484
1.015276559	0.789049008	0.971003839		0.878461724	0.856166947
0.925925384	0.702324061	0.793456337	0.852699411	1	0.815178718
1.006151325	1		0.82686262	1	
1.071632939	0.934990411	0.9387901	1	0.678914804	0.748232058
0.840724373	0.885344957	0.993759913	1	0.778817844	1.011813857
0.644104008	0.988520095	1.150569945			
YGR271W	YGR271W::SLH1::SKI2-like helicase			1	1.225082852
1.556911396	1	1.293045645	1.213180224	1	0.968061692
	1.669783528				
1	0.970825811	1.213048771	1.171136403	1.173361832	0.914906036
1.181946033	1.343630785	1.425002531		1	0.887699591
1.378705058	1.054017919	0.902732728	1.491187628		
YLR406C	YLR406C::RPL31B::Homology to rat L31			1	1.412114839
1.431351995		1.743863589	1	1.240742282	0.95511423
1.359370588	1	1.088347668	1.291161547		1.431708363
0.948162986			0.606531039		1
1.010803984	1.040546244	0.767362962	1.088849548	1.464285231	1
0.637146858	1.283825638		1	0.766366489	0.810614077
0.826877948	1.253294691	0.903045106			
YOL134C	YOL134C::YOL134C::molecular_function unknown			1	1.068735441
1.207307855	1.046536558	1.133823634	1	0.957513331	1.02516664
1.463554506	1.337837326	1	1.194611899	1.659180376	1.72002401
1.385954909	1	1.093056254	0.99739865	1.079120702	1.379408259
3.150853596	3.036515303	3.192212598	1.987555323	1	1.294751524
1.607598288	1.670658304	1.080960504	1.238635944	1	1.095149747
1.733240531	1.730376082	1.372547861	1.207019401	1	1.22498591
1.30872293	1.285553263	0.074140637	1.109566959	1.281913524	
YGR285C	YGR285C::ZUO1::Zuotin has region of DnaJ homology			1	
0.961567933	0.754603987	0.741886379	0.713038426	1	0.853189757
0.719145859	0.643371902	0.784080415	1	0.804159871	0.726822767
0.859782318	1	0.790860492	0.517365496	0.525273405	0.670874013
1.012778239	0.319566555	0.450054815	1.076277898	1	1.045817645
0.961913347	1.002842845	1.021495686	1.000029279	1	1.003343916
0.884548264	0.753919738	0.604524325	0.736985099	1	0.973957912
0.958808738	0.945303619	0.707997103	0.719260456	0.904519585	
YLR408C	YLR408C::YLR408C::molecular_function unknown			1	0.954078466
1.090454203	2.104233834	1	1.002614016	1.297420238	1.902974055
1.446189195	1	1.223074772	1.593226998	2.334922448	1.323746432
0.836306941	0.900954864	1.068280065	1.408803733	1	1.63687706

	3.699463445	4.024909549	0.964094833	1	0.839138674	1.196972186
	0.614751134	0.690014395	1.249105305	1	0.881981478	1.718381414
	1.437237798	1.808860095	2.694064172	1	0.978579466	1.235030214
	1.501314613	1.654835972	2.469577406	1.271406067		
YOL136C	YOL136C::PFK27::6-phosphofructo-2-kinase				1	0.736238146
	0.503732045	0.624608833	0.544072893	1	0.733606817	0.728142935
	0.471278301	0.53887556	1	0.602008175	0.519709035	0.390998309
	0.524552773	1	0.927191434	0.620915942	0.676432649	1
	0.440946133	0.421372069	0.991984952	1	1.000765834	0.901381596
	1.127101765	1.152137077	1.079232145	1	0.660418205	0.647904592
	0.555556511	0.662557006	0.467139426	1	0.830877809	0.806575119
	0.779643787	0.829142676	0.935698383	0.79331536		
YGR287C	YGR287C::YGR287C::alpha-glucosidase				1	0.975701125 0.861461822
	1.122639746	0.864830685	1	1.018332045	1.055151787	0.884533644
	0.945129634	1	1.095679739	1.070920215	1.115155614	0.917671427 1
	1.34312669	1.204544709	1.956121776	1.71580034	1	1.301166766
	0.954321989	2.499543378	1.240604126	1	1.257486631	1.393286787
	1.758393553	1.3121027	1	0.86652597	0.894612864	
	0.761801242	1	1.68993863	1.283584038	1.398341531	0.356577675
	1.20372373	0.946549518				
YLR410W	YLR410W::VIP1::Homologous to S. pombe asp1+				1	0.840763045
	0.798710237	1.199179966	0.620130569	1	1.068670166	1.119508183
	0.883271324	0.652938377	1	0.959057164	0.976049203	0.531055102
	1.018213321	1	0.866047598	0.711666306	0.888892447	0.686237349 1
	0.605998006	0.646929334	0.377548699	0.576533426	1	0.884012356
	0.771743985	0.882897806	1.180839553	0.997967444	1	0.914090645
	0.524295498	0.609845829	1.191331415	0.344844895	1	0.567363583
	0.484472769	0.831215341	0.582261593	0.502771096	1.04199261	
YOL138C	YOL138C::YOL138C::molecular_function unknown				1	1.288326715
	0.967239591	1.201866578	1.078820036	1	1.268543656	1.222955767
	1.160237843	1	1.156503068	1.389057025	1.044215958	1.29405148 1
	0.960495086	1.133390372	0.686807004	1	0.949900144	1.113523462
	0.277180119	0.659892621	1	1.183974783	1.149900976	1.233617618
	1.213700562	1.25559292	1	0.774079553	0.816340859	0.798848759
	0.972734377	0.612618626	1	0.757514489	0.851560118	0.860433799
	0.61341658	0.649994408	0.675981741			
YGR289C	"YGR289C::MAL11::Part of MAL1 complex locus; encodes funct. maltose permease in all strains, exhibits sign. seq. variability; shows homol. to functional maltose permease from S. carlsbergensis; member of the 12 tm domain superfamily of sugar transporters"				1.051128989	1.177407708
	0.714647389	1.142317238	0.784303478	1.256268611		
	1.251279178	0.94178743	1	2.66785804	1.567769052	
	0.509905139	1.131637589	1	1.164874023	1.042382362	
	1.396382926	0.985049666	1.174932839	1	0.71884106	
	0.557337653	1.108297943	1	1.008543334	0.591337864	0.966969504
	1.283447381	0.961435195				
YLR412W	YLR412W::YLR412W::molecular_function unknown				0.807724294	
	0.908776739	0.860972399	1.083718676	0.899570869	0.844655751	
	1.049384154	0.952810986	0.923514079	0.937137238	0.893952973	
	0.920249658	1	1.088806376	0.789147338	0.562659758	1.312971888 1
	1.216988578	1.218294873	1.229504603	1.077423458	1	1.083961685
	1.068545259	0.674844614	0.873761863	0.977309586	1	0.953513245
	1.106724151	0.655001721	0.923468534	1.372968787	1	1.089263845
	1.138711397	1.02568974	1.279859892	1.171403004	1.632163103	
YOL152W	YOL152W::FRE7::similar to FRE2				1	0.889795265 0.794949688
	0.919536152	0.7302776	1	0.856122295	0.856340477	0.91975191
	0.882550761	1	1.210077068	1.102711602	0.833875894	1.272940422 1

	2.069029251	2.712513365	1.477716964	1.638318916	1		2.154878512
	5.079752959	1	1.358434809	1.429153062	1.488536565	0.910010906	
	0.799625488	1	1.242614011	1.396592747	2.049956304	1.681863751	
	0.495190432	1	1.109251822	1.572672207	1.403125697	0.767076713	
	0.89637979	2.637379561					
YLR414C	YLR414C::YLR414C::molecular_function	unknown			1	1.381591793	
	1.219299786	0.902212753	0.998784538	1	1.046191986	0.929939673	
	1.1269276	1.046611935	1	0.956434409	1.012450372	1.356545979	
	1.031085633	1	1.449879934	0.989607696	1.084788987	1	
	1.495358923	1.61864398	1.232998435	1.533366624	1	0.996324404	
	0.926707743	0.974181694	0.953054137	0.781511138		1.09766496	
	1.449477947	0.791122117	0.775915536	1.36277222	1	1.058798904	
	0.922686861	0.672821783	1.008451277	0.59626341			
YOL154W	"YOL154W::ZPS1::Zinc and pH regulated Surface protein. Similar to Candida albicans protein Pra1, a pH-regulated cell surface glycoprotein with weak similarity to zinc metalloproteinases."				1	1.448316817	0.933546684
	0.9166008	1.771747261	1	0.885272488	0.720818245	1.098188047	
	2.132672401	1	0.665266348	0.965539538	1.085303186	1.095971463	1
	0.686977193		0.345326077	0.243433552	1	1.649616133	0.697714847
	0.550239103	0.611474848	1	1.134239244	1.144566102	1.429601435	
	1.208100578	1.079367634	1	0.970543651	1.214623435	1.486754753	
	1.044448298	1.026149217	1	1.2860259	2.621165306	1.896053781	
	1.99064112	2.082430089	1.238132366				
YLR428C	YLR428C::YLR428C::molecular_function	unknown			1	0.805152631	
	0.991412629	1.129384238	0.772839433	1	1.288772622	1.309356545	
	1.103669071	0.89724067	1	0.954162214	1.097646349	0.741017921	
	1.141850059	1	0.634420817	0.74589181	0.850191866	1	
	0.839990834	0.904174117	0.67214805	0.758185628	1	0.929832799	
	1.005443306	1.201155851	1.200496013	1.192998383	1	0.758002133	
	0.551056396		0.949062389	0.462926503	1	0.822735855	0.500138337
	0.982740875	0.55100407	0.89493873	0.576160585			
YOL156W	YOL156W::HXT11::High-affinity hexose transporter				1		
	1.426950419	0.850977915		0.623383004	1	1.276944112	1.183637643
	0.79543727	1	1.516585324	0.763919396	0.565087916	0.752972241	1
	7.697328873		3.761745638	1.826749453	1	1.554714442	
	0.461684752	1	1.012193571	0.908525916	1.013394582	1.198790827	
	1.029501066	1	0.738613517	0.712390672		0.700677835	0.625225501
	1.032483617	1.112976189	0.850212191	1.03079091	1.035521735	0.682111082	
YLR430W	YLR430W::SEN1::component of a nuclear-localized tRNA splicing complex						
		1.057675566		1.136036372	0.914357061		
	0.95010044			0.980178844	0.905405759	0.69062253	
	1.062203102				0.359727586		
			0.856117081		1	1.276371142	
	1		0.309392215	0.617625896		0.309551407	2.454374049
YLR430W	YLR430W::SEN1::component of a nuclear-localized tRNA splicing complex						
	1	0.774177796	0.786098194	0.902037574	0.744722203	0.834424085	1
	0.927968288	1.032789878	0.973485014		0.866271725	1	0.748350335
	0.738587861	0.709245348	1.104488958	0.824617807	1.01222136		
YOL158C	YOL158C::ENB1::Siderophore transporter for enterobactin; AFT1 regulon						
	1	1.08742867	0.858811174	0.953777694	0.913808055	1	
	0.943475016	0.905627045	0.717204037	0.838866133	1	5.477408609	
	4.987976771	1.237659575	0.928592332	1	3.563784836	2.637914857	
	0.821259753	1	1.660414018	1.164303386	0.407501238	0.471557283	1
	2.29087105	3.165680729	2.794409535	0.763510387	1.206005727	1	

4.597979106 5.398953615 7.015335229 2.85080146 0.461834329 1
 3.218803864 4.444349843 1.578297771 0.749892193 0.71757635 0.852857756
 YLR432W YLR432W::IMD3::IMP dehydrogenase homolog 1 1.044397251
 0.673577392 0.908123045 0.721628654 1 1.079509156 0.923584763
 0.629678665 0.776599547 1 0.95966389 0.638836543 0.313778543
 0.702918145 1 1.015120437 0.520182705 0.310190729 0.446814937 1
 0.647617494 0.273786928 0.137454789 0.426120322 1 1.084316651
 0.592524224 1.093721099 1.205905932 0.855131272 1 1.43037183
 0.548095821 0.847141685 0.740800106 0.389565102 1 0.921954035
 0.582630316 0.722626003 0.821504369 0.726136953 0.645334878
 YLR434C YLR434C::YLR434C::molecular_function unknown 1 1.086866395
 0.844752724 1.148237848 1.148626184 1 1.077977471 0.932352033
 0.974159037 1.147841064 1 0.85611794 0.84583578 0.495325259
 1.007474802 1
 0.76547566 0.805183334 1.005083048 0.966512306 0.894988297 1
 0.656116407 0.545191051 0.751240209 1.568412123 0.924002656 1
 0.980866457 1.154761927 1.39018467 1.233919609 0.795546884 0.736399802
 YLR436C YLR436C::ECM30::ExtraCellular Mutant 1 1.020901364
 0.884217452 1.063602726 1 1.234614303 1.181794589 0.727347303
 0.634455944 1 1.152115922 1.130609313 0.669196008 0.867603803 1
 1.11031168 0.924747939 1.033315989 0.773123432 1 0.629943975
 0.932019927 0.539266699 0.362918803 1 0.982850407 0.869732599
 0.888484761 1.157141466 0.939910731 1 1.034107802 0.679657769
 1.096983906 1.008338988 0.54251533 1 1.013461023 0.772177714
 0.91217888 0.661105303 0.979463507 0.653215497
 YGR291C YGR291C::YGR291C::molecular_function unknown
 1.103610089 1.124835429 0.935821462 0.967235425
 0.847559307 1.177723718 1 0.618903184 1.120469029
 0.892838967 0.21071422 0.05979237 1 0.832765165
 0.940287142 1.006227159 1 1
 1.082248064 1.464180503 1.629193764 1.157574951
 YGR293C YGR293C::YGR293C::molecular_function unknown 1 0.99587474
 0.961338127 0.974110804 0.951582351 1 0.960366402 0.85640757
 0.936664514 0.975084253 1 1.045313694 0.919266856 1.031399109
 1.338349099 1 0.729505913 0.774299434 1 1.496551109
 2.130747582 1.941958528 1 0.718164519 0.811917973 0.664896326
 0.736290129 0.831480168 1 0.898764447 1.124869128 1.082725227
 0.948313489 1.46646726 1 0.904287541 1.102312681 0.895498554
 0.958280764 1.02343639 1.274032958
 YGR295C "YGR295C::COS6::Protein with strong similarity to other
 subtelomerically-encoded proteins such as Cos5p, Ybr302p, Cos3p, Cos1p, Cos4p,
 Cos8p, Cos6p, Cos9p" 1 1.206035941 0.757177423 1.011960057 0.891133404 1
 1.146537881 0.927263926 0.854552046 1.004416845 1 1.130332866
 0.95283288 1.386021414 0.935298566 1 1.16735125 0.589471558
 1.259028383 1.311016561 1 1.075758083 0.757876139 0.999370544
 1.541007418 1 1.154961136 1.231712893 1.513371747 1.249602236
 1.251941648 1 0.811663008 1.008042356 1.313627182 0.683843994
 0.82410624 1 1.19963482 0.989926832 0.955325089 1.050346451
 1.313355505 1.043743836
 YHL013C YHL013C::YHL013C::molecular_function unknown 1 0.794651137
 0.929623671 0.975356378 1.003009585 1 0.811115669 0.697008037
 0.959243016 1.155043857 1 0.743748781 0.584964808 1.549668711
 0.878011948 1 0.589648469 0.339564826 0.841449526 1
 0.866449105 0.694798258 0.98535135 1.349137027 1 0.874238227
 0.847982359 0.908719362 0.81243005 1.183755602 1 0.907655173
 1.094035316 1.094818149 1.300711048 1.861377783 1 0.906260775
 0.712627256 1.087169953 0.625929756 1.073897241 1.04024128

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YOL160W YOL160W::YOL160W::molecular_function unknown 1 1.233675584
1.013602844 1.158701547 0.862616281 1 1.045278068 0.900800407
1.180980672 1.266636341 1 0.938170225 1.06649329 1.181233754
1.216151948 1 0.728655889 1.790236926 1.348385728 0.540487501 1
0.490608677 0.498320693 0.491016815 0.508284056 1 1.076176241
1.04929776 1.132136934 1.453043998 1.321111551 1 0.887708951
0.817690198 0.818682948 1.224630077 0.65804027 1 0.558449284
0.519279588 0.632552249 0.468006143 0.543321364 0.710131055
YHL015W "YHL015W::RPS20::Homology to rat S20, human S20, Xenopus S22, and E.
coli S10" 1 1.290560714 1.015215294 0.748421814 1.448377936 1
1.007285732 0.674199166 0.990660428 1.410478436 1 0.841650073
0.7341954 0.953668045 1 0.620893569 0.36705725 0.179618296
0.557865385 1 1.368659918 0.762918828 0.768741168 0.950497062 1
1.257143991 1.454073008 1.231581918 1.324487945 1.594717397 1
1.228293529 1.823592251 1.314483316 0.55869811 1.466617017 1
1.131272368 1.127472862 0.878314578 1.283623008 1.530673365 1.295923537
YOL162W YOL162W::YOL162W::molecular_function unknown 0.972716756
0.911054414 0.88009312 0.708275854 0.7458014
0.95652809 0.895784541 1.0725251 1.838154265 0.901648873 1
1.846219738 2.773195267 2.158479278 4.030175918 1 2.024648869
3.912357098 5.57746022 3.336490214 1 1.031670754 1.340010377
1.018491155 1 0.585397471 0.945230708 1.33733101 1.021381036
1.8973705 1 1.463148006 1.842345851 2.350174829
YHL017W YHL017W::YHL017W::molecular_function unknown 1 1.277836208
0.847314398 1.176221297 0.837095744 1 1.185607985 1.015714534
0.829323168 0.896855265 1 1.181834832 0.848905612 0.476603699
0.915190662 1 0.992031321 0.533567183 0.650630026 1
0.856008922 0.315146175 0.38637454 0.588582699 1 1.132476105
1.076839788 0.761855629 1.174476348 0.957233879 1 0.935108209
0.916265545 1.203682221 0.659771869 0.825776058 1 1.186765978
1.031084004 0.945584947 0.911835797 0.963542294 0.766171
YOR010C YOR010C::TIR2::cold-shock induced protein of the Srp1p/Tip1p family
of serine-alanine-rich proteins 1 1.402584354 0.972585346
0.831215596 1 0.991978421 0.940774669 0.796535699 0.903050248 1
1.247829939 0.943965601 1.22829664 0.914962581 1 0.775788049
0.683108148 0.881274318 0.761836463 1 0.846945417 0.968407002
0.710571707 0.720359344 1 1.170807909 0.912222093 1.122723573
2.902741879 1.831698369 1 0.761136948 0.834088197 0.720620918
1.875743836 1.732822997 1 0.97758201 1.045776717 0.676461929
1.288311706 0.821062359 1.181216756
YHL019C YHL019C::APM2::homologous to the medium chain of mammalian clathrin-
associated protein complex 1 1.200874743 1.319296386 1.192938296
1.280725775 1 1.315689227 1.393443835 1.356210336 1.087273632 1
1.229572623 1.33269102 1.149827232 1.348606337 1.921928593
0.928326841 1 0.847580838 1 1.054796179
1.349570354 1.113854248 1.376215658 1.253599887 1 0.860660354
0.705186973 1.052636253 1.083653103 0.551387771 1 0.712622884
0.706897809 0.831178039 0.399190863 1.000759875 0.522747531
YLR438W YLR438W::CAR2::ornithine aminotransferase 1 1.38217752
1.352797128 1.185349503 0.855835832 1 1.652720732 1.850275593
1.083285105 1.038200624 1 1.845357107 2.036751462 2.730450563
1.023611984 1 1.467349774 2.070572123 1.085394731
1 0.881697864 0.712231106 0.864080557 0.826763293
0.497058027 1 0.634152081 0.593415388 0.87661463 0.547477302
0.331239204 1 0.805127583 0.588312776 0.652106442 0.373155769
1.354230284 0.598051217

YOR012W YOR012W::YOR012W::molecular_function unknown 1.38642922
 0.961162371 0.873272046 0.783175212 0.871724195 0.860033098
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 0.866405256 1 0.932303963 1.280464654 1.308895378 1
 0.627909237 1.089102641 0.6974603 1 1.175027645 1.060276249
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 0.70425491 0.865982943 1.128679366
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 1.147780827 1 5.252634891 5.504484161 6.548733787 2.580575444 1
 3.787284271 2.241758966 4.864435432 2.575428197 1 1.129721678
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 0.513332616 1.589920581 0.739727348 1.395127329 1 1.856280786
 0.69281144 1.336719128 1.101380161 3.911610194 0.854609034
 YLR452C YLR452C::SST2::Protein involved in desensitization to alpha-factor
 pheromone 1 1.12540194 0.947735922 1.266587613 1 1.169944538
 1.176296438 0.753590588 0.665815394 1 1.093926406 0.980842051
 0.409002565 0.770031159 1 0.643404233 0.457805058 0.514285554
 0.655285644 1 0.634281166 0.511437483 0.356220305 0.482326529 1
 0.782167158 0.621052536 0.704658735 0.886717219 0.760027873 1
 0.835771725 0.574991308 0.690538245 0.693596273 0.422703584 1
 0.667232174 0.783971064 0.676629164 0.788013303 0.664598619
 YOR014W YOR014W::RTS1::B-type regulatory subunit of protein phosphatase 2A
 (PP2A) 1 0.976956671 0.894379188 1.253361601 0.863832488 1
 1.174800565 1.136840984 1.028529811 0.8816565 1 1.340459813
 1.212352339 0.840968221 1.16961153 1 0.928372861 0.921760257
 0.904852697 0.637293629 1 0.831986947 0.550312613 0.583796721
 0.785308467 1 0.836656776 1.074695531 1.075128503 1
 0.84005773 0.431963425 0.704366272 0.733667447 0.388484742 1
 0.803255441 0.726345685 0.93849135 0.544259023 0.628956394 0.751285375
 YHL023C YHL023C::RMD11::Required for Meiotic nuclear Division
 1.120471202 0.850697022 0.996268056 0.878135207 0.909460306
 0.757044888 0.871671924 0.837711859 0.697633905 1.029896473 1
 1.276413467 1.176437355 0.952332817 0.491278463
 1 0.907522786 0.94382438 0.853760638 1.177919417 1
 0.969392552 0.797772315 0.864761899 0.964929557 0.651832108 1
 0.884649555 1.112367387 1.194524067 1.0108024 0.95530575
 YHL023C YHL023C::RMD11::Required for Meiotic nuclear Division
 1 0.561045323
 1.400943776 2.135431269 4.05413922
 YLR454W YLR454W::YLR454W::molecular_function unknown 1 1.607604743
 1.771074462 1.88166164 1 1.475831742 1.681188644 1
 1.482451842 1.512092915 2.054886126 1.270107162 0.662669804
 1 1.235757333 1.395040513
 1.320281388 1.544932676 1.110504722 1 1.097428562 0.763053553
 0.965081961 1.045029118 0.68165965 1 0.932194256 0.746290104
 0.8922615 0.743621132 0.831390217 0.843225912
 YOR016C YOR016C::ERP4::Emp24p/Erv25p related protein 4 1 1.245977638
 0.913308133 0.823764588 1.069345554 1 0.904567217 0.875685451
 0.879657487 1.005390675 1 0.931545266 0.793249519 0.933850003
 0.920304105 1 0.690386306 0.730087385 0.987985291 1
 1.178169329 0.842821034 0.984217444 0.899431676 1 1.142807954
 0.858285225 0.824712457 0.915390961 0.84267544 1 0.740019176

0.819587828 0.567219844 0.552940359 0.832398107 1 0.858403105
 0.944824527 0.773700432 1.207222487 0.865037171 0.998211347
 YOR016C YOR016C::ERP4::Emp24p/Erv25p related protein 4
 1 0.747200208
 0.796100283 1
 1.283555676 0.571245842 0.686219854 24.39225808
 YHL037C YHL037C::YHL037C::molecular_function unknown 1.071219696
 0.989632862 0.906525293 0.916879252
 1.33695435 1 0.640315128 0.909140886 1
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 1.458808418 0.988553858 1.563441623 2.823714369 0.95705708
 YLR456W YLR456W::YLR456W::molecular_function unknown 1 1.187982893
 1.616122173 1.331997177 2.144625593 1 1.300851186 1.059752134
 1 1.178878911 1.258485402 1.815071401 1.447192899 1 1.193819383
 1.490184583 1.341636105 1.730083912 1 1.833114767 2.965060716
 2.285655223 1.691630945 1 1.299732665 1.309524674 1.012767928
 1.238755589 1 0.891127876 1.223368715 1.284829954 1.496205896 1
 1.226791798 1.499641518 1.258724851 1.549770122 1.666335021 1.321316567
 YOR018W "YOR018W::ROD1::Resistance to o-dinitrobenzene, calcium, and zinc"
 0.983798344 0.945218921 1.20647953 0.80862837 1.046069019
 1.282910157 0.878461724 0.765718032 1.29846569 1.561190241
 1.05339214 1 2.098885625 1.170370919 1 1.04368348
 0.981891604 0.525223096 0.667549902 1 1.052328096 1.172866977
 1.364985499 1.256237893 1.030362017 1.035717551 0.821492565
 0.874398102 0.968047012 0.576753798 1 0.788067838 0.954435221
 0.845962696 0.861083675 0.644650699
 YLR458W YLR458W::YLR458W::molecular_function unknown 1 0.893539777
 1.221193207 1.239458167 1.369598864 1 1.014489256 1.150440808
 1.203509346 1 1.044795192 1.028716415 1.072414457 1.351316342 1
 1.504777661 1.216931644 1 0.722646449 1.013438684
 1.094539522 1 0.923543712 1.233454763 1.066248063 1.049456747
 1.406864672 1 0.39501788 0.588387827 0.639062294 0.891870551
 0.829656875 1 0.993570393 0.985620919 1.379797123 0.672144631
 YOR020C "YOR020C::HSP10::Homolog of E. coli GroES protein; regulates Hsp60,
 the yeast mitochondrial chaperonin, and is thereby involved in protein folding
 and sorting in mitochondria" 1 0.823194194 1.249284579 0.895932148
 1.549032769 1 0.708459327 0.93006985 1.622633498 1.356081077 1
 0.930986371 1.265921633 2.10748542 0.850005782 1 1.416962622
 1.789159211 2.460528524 1 2.492692344 3.904269079 4.468599296
 2.549262562 1 1.311414272 1.946673579 1.168668179 0.862535365
 1.108923038 1 1.33500248 2.907832071 1.117666991 0.657154249
 1.363580345 1 1.79693689 3.264424149 1.213824722 1.974888655
 2.554249942 1.473675164
 YLR460C YLR460C::YLR460C::molecular_function unknown 1 0.793814376
 0.837481213 0.804643142 0.463225112 1 0.911846787 0.959332253
 0.765400754 0.66689121 1 12.88088945 19.6753892 6.812656575
 1.712037872 1 8.000472416 9.199147447 6.096734208 2.605771407 1
 7.742444864 8.572063462 5.374008404 2.45184702 1 2.127589712
 3.143832475 2.22627312 1.166729088 1.095668865 1 3.805246298
 4.50757429 3.072235926 0.972792638 0.656197016 1 3.632196524
 3.805444522 2.231672827 0.861471582 0.897589096 2.584841963
 YOR034C YOR034C::AKR2::Protein involved in constitutive endocytosis of Ste3p
 1.294082636 0.847280612 1.026458009 0.787091096 1.037593888
 1.042364519 0.923511095 0.837581575 1.173079924 0.874731982
 1.178702752 1 0.99017083 0.631090327 1 0.935967965

0.633822152	0.542146554	0.359992136	1	1.055181154	0.953012963
1.133878535	1.39394814	0.976559768	1	0.816250871	0.677804211
0.756880297	1.096787841	0.835706435	1	0.673684188	1.011896611
0.919583523	1.307787586	0.682403252	0.84847964		
YLR462W	YLR462W::YLR462W::molecular_function	unknown	1	0.936834922	
0.64410838	1.045662104	0.499500749	1	1.117749736	1.166053973
0.595753557	0.533931724	1	0.961512216	0.868869766	0.337460853
0.805662868	1	0.738612732	0.555776869	0.662019164	1
0.486235575	0.38991794	0.393941566	0.415974929	1	1.148074808
1.140870083	1.598021285	1.509696884	1.352716095	1	1.000121682
0.615282552	0.95710952	1.607171405	0.654106186	1	0.574990106
0.499012636	0.806164822	0.553953217	0.594715848	0.645334878	
YOR036W	YOR036W::PEP12::integral membrane protein; c-terminal TMD; located in endosome	0.96286644	0.876889838	0.893398682	0.768490691
0.755494288	0.732620789	0.90628634	0.908206034	0.86564377	
0.968868781	0.810602901	0.5016559			
	1	1.146655078	1.538836679	0.850060277	0.85105844
1.013183658	1	1.066171338	1.283848161	1.466238498	1.103338726
1.243931109	1	1.355740491	1.333861212	0.982168515	1.49324503
1.407753052	1.242510482				
YOR036W	YOR036W::PEP12::integral membrane protein; c-terminal TMD; located in endosome	1	0.824430581	1.15357824	0.85028089
			1.266025335	1	
0.877834342	0.982339902	1.225554323	1.065459319	1	0.904123138
1.229256576	1.634170583	1.042244846	1	1.501779562	1.404851416
1.32652373	2.088274696	1	1.838671574	3.382904335	3.976913448
1.278019287	1	1.217307662	1.675575841	1.527638804	1.090060721
1.013735949	1	1.242517465	2.495602372	0.66074439	1.332454388
1.69118619	3.316253861	1.010038508	2.021970526	1.501554948	1.156699286
YML010W	YML010W::SPT5::transcription factor	1	0.740067321	0.850385767	
0.829819165	0.447484417	1	0.881862674	0.911533442	0.724190607
0.494584278	1	0.802782047	0.771020108	0.377992357	0.712508603
0.607254441	0.412836317	0.434386753	0.473494004	1	0.784909387
0.58618377	0.653882978	0.974888675	1	0.751566637	0.675227858
0.801253483	0.925129889	0.897311948	1	0.867587838	0.489413462
0.62328225	0.865817745	0.447320373	1	0.676710518	0.434862868
0.779892246	0.503439191	0.670489317	0.715384783		
YML012W	YML012W::ERV25::COPII coat component of certain ER-derived vesicles	1	1.232595261	1.293121708	1.015718976
			1.468097203	1	1.027130798
1.192731164	1.73450713	1.497466897	1	0.981895319	1.192749005
1.522122561	1.438739096	1	1.282738014	0.911456751	1.04717228
1.763115719	1	1.655643379	1.709569798	1.916858241	1.486354123
1.035383444	1.177628635	1.043599669	1.006210032	1.031277432	1
0.91353876	1.272822494	0.906182869	0.766264874	1.157003407	1
1.235886031	1.268429311	1.161397319	1.476504172	1.225655804	1.418510884
YML014W	YML014W::YML014W::molecular_function	unknown	1	0.980065598	
0.980508905	1.064727405	0.972238923	1	0.956083113	0.994072967
1.079653558	1.169437432	1	1.012747909	1.042680881	0.995092232
1.160139802	1	0.844577736	1.858513569	1.700112904	0.746644456
0.577950995	0.402106345	0.31556527	0.325919019	1	0.982404231
0.920102127	0.93473592	1.135089898	1.055121406	1	1.049702934
0.751926661	0.860922661	0.986351619	0.583143797	1	0.899107958
0.683195491	0.826649143	0.886551455	0.883257793	0.603304945	
YHL039W	YHL039W::YHL039W::molecular_function	unknown	1	1.122428242	
0.80968428	0.76421947	0.76555026	1	0.840392584	0.732187324
0.781949858	1	0.766225622	0.613072072	0.601603142	0.734282883
0.676266098	0.461907084	0.524225273	0.563152873	1	0.843701964
0.685540245	0.659502512	0.648974841	1	0.938395913	0.765064529

1.006755329 0.840427322 1 0.824915017 0.794908158 0.623367088
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0.507662418 0.801195979
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1.146868587
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1.213617287 0.801317613 1 0.627960358 0.449680884
1
0.568138 0.900885047
YHL043W YHL043W::ECM34::ExtraCellular Mutant 0.854513185
0.808560756 0.758102958 0.869324483 0.754283575 0.783146365
0.821487606 0.954049996 1.001880156 1.126468666 1.042623341 1
2.068605233 1.943138781 2.011338967 1 2.632205406
1.997514909 1.948782558 1 1.397828908 1.348225796 1.237458294
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YHL045W YHL045W::YHL045W::molecular_function unknown 1 1.126798523
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1.346495764 1.342218562 1.033035098 1.19379546 1 0.719565778
0.737723264 0.553191942 0.679466239 1 0.883106999 2.015310161
0.827439076 0.671061467 0.780500039 0.886055876 0.87745162 1
0.688663272 0.833355556 0.720857712 1.176082575 1 0.473640465
1.121440597 0.974569543
YOR038C YOR038C::HIR2::Involved in cell-cycle regulation of histone
transcription 1 1.251230084 1.199222568 1.00064299 1
1.200119221 1.217998695 0.952788418 1 1.007353399 1.049706069
0.881939358 1.120510313 1 0.732785095 0.860050795 1
1 0.796534527 0.870854955 0.9276073 1.170116001
1.03853343 1 1.005912541 0.879664072 0.963435046 1
0.382845719 0.431284299 0.410915763 0.390306568 0.278456618 0.729394796
YHL047C YHL047C::ARN2::Siderophore transporter for triacetylfulvarinine C 1
1.076808423 0.745704321 1.043380655 0.790178765 1 1.161696508
0.949314723 0.834608114 0.914778144 1 1.478240333 1.944545123
2.254466821 1.593296731 2.881268929 2.499329589
1.800966408 1.101445731 1 2.849277505 8.137897527
13.20672088 1.633109105 2.456739063 1 3.698668068 12.87883339
33.25580558 13.3007286 0.884357541 1 5.438818687 15.92670128
0.695533116 0.700456333 1.413257103
YOR040W YOR040W::GLO4::Mitochondrial glyoxylase-II 1 0.777891146
0.904011805 0.919711675 0.92672196 1 0.798429157 0.904581626
1.059943544 1.10555028 1 0.953340371 1.227989699 1.333912212
1.309285127 1 1.181993827 1.1059915 1.264488418 1
1.975491846 2.222659158 2.295543717 1.831818576 1 1.091637257
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1.123593112 0.992038786 0.835242504 0.881370285 1.04199261
YHR011W YHR011W::DIA4::protein similar to bacterial seryl-tRNA synthases 1
1.090064665 1.054587711 0.970420174 1 1.135839599 1.220898375
1.132799169 1.034474998 1 1.012635994 1.091946278 1.363329445
1.084263087 1.500314181 0.835346565 1.117866371 1
1.25374565 1.259304547 1.0192355 1.005383438 1 1.11290285
1.201730648 1.052419008 0.753989695 0.98205127 1 1.512924161

1.791796805 1.376922417 1.144148692 2.122056365 1 1.299148747
1.29994823 0.909164397 1.062808187 0.865992156
YOR042W YOR042W::CUE5::Hypothetical ORF 1 1.092405217 1.420557496
1.031593819 1.003407017 1 1.211878585 1.292380602 1.214044733
0.973998158 1 1.229633359 1.684330729 1.94946095 1.108595677 1
1.275943722 0.798799967 1.022241154 1.199932311 1 1.87165956
1.374262786 1.740480317 1 0.879266741 1.152437554 1.207640208
0.99367647 1.119965935 1 0.958048306 1.369084153 1.375367832
1.395215289 1.158417975 1 0.87266049 0.84301676 0.99245432
0.930179652 1.048420027 1.205734225
YHR013C YHR013C::ARD1::subunit of the major N alpha-acetyltransferase;
complexes with Nat1p 1 1.145508172 1.246118211 1.001670475 1.501862734 1
0.999570311 1.093595543 1.26369488 1.389356743 1 1.077072
1.111758495 1.180752961 1.026595429 1 1.261751607 0.727875939
0.697389435 1.394079857 1 1.271753201 1.361867697 1.182088035 1
1.198987373 1.351677344 1.02278066 0.890140959 1.042768509 1
1.027314218 1.767304967 1.401804424 1.124293154 1.652594589 1
1.084824342 1.360567463 1.034870167 1.389841897 1.077512081 1.140938049
YML016C YML016C::PPZ1::may play a role in regulating osmotic stability 1
0.800434611 0.779384629 0.894907389 0.929027439 1 1.034275432
0.824691508 1 0.79852609 0.760161114 0.659454414 0.782733618 1
1.107944914 0.816868559 1.002684142 0.843596687 1 0.557759142
0.754587487 0.842180536 0.811506298 1 1.231783762 1.068508317
1.100768222 1.105793604 0.948479741 1 1.003068977 0.669703331
0.941747847 0.684246343 0.560082288 1 1.070321333 0.902368723
0.893915622 0.862791477 0.916493738 0.786310354
YOR044W YOR044W::YOR044W::molecular_function unknown 1 0.881076788
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1.074070682 1.058921007 1 1.080255422 0.752219812 1.237322079
1.203755021 1 0.897780603 0.590093075 0.777659825 1.36683204 1
1.543373162 1.265171368 1.799832568 1.887592064 1 1.223047679
1.200432746 1.256739583 1.514310281 1.81424839 1 0.92030214
0.98500553 1.311728572 1.625768597 2.312103619 1 0.973746346
1.354130842 1.167602434 2.131293242 1.138311158
YHR015W "YHR015W::MIP6::RNA-binding protein, interacts with MEX67" 1
1 1.265484958 1.366576518 1
1.475421046
0.960941771 0.855052547 0.843622188 0.975372371
1.103842588 1 0.892551969 0.854237812
YHR015W "YHR015W::MIP6::RNA-binding protein, interacts with MEX67"
1
0.711126443 0.723410824 0.770054168 0.768254449 0.869396375
0.772712694 0.861654413 0.964248555 0.980055239 1 1.307072856
1.133858536 1.077195388 1.086156813
YML019W YML019W::OST6::Putative new 37kDa subunit of N-
oligosaccharyltransferase complex 1 1.321548159 0.981241315 0.807277483
1.04213518 1 1.022996521 0.752489574 0.969408491 0.810754165 1
0.95303699 0.855621343 0.642510254 0.833209233 1 0.526719836
0.322764523 0.279660254 0.524884172 1 1.269252019 1.033997459
1.306341009 1 1.041839897 1.053370729 1.05240576 1.154346398
0.978335668 1 0.885004861 0.993096841 0.872047514 0.717302578
1.028368433 1 1.006774585 0.89628875 0.92289213 1.150752413
0.971701882 1.141813714
YOL033W YOL033W::MSE1::Mitochondrial glutamyl-tRNA synthetase 1
1.0149673 0.893304081 1.484459899 0.949908167 1 1.381198557

1.316781614	1.074176684	1.064043282	1	0.862622216	0.767340924	
0.7015201	1.087533872	1		0.457777742	0.566728544	
0.943826661	1.51172565	1.145338347	1	0.942691626	0.948916299	
1.042657519	1.182505789	1.137763646	1	1.047856927	0.961615227	
0.940223367	0.662801321	0.959527019	1	1.199600773	1.099489708	
0.996778623	1.03085403	1.383859633	0.873872775			
YHR017W	YHR017W::YSC83::similar to <i>S. douglasii</i> YSD83				1	1.39906932
1.247734028	1.158365404	1.449186922	1	1.320373127	1.232714734	
1.30367076	1.492806597	1	1.293386737	1.235418876	1.246204834	
1.172050775	1	1.040225259	0.817037286	0.679673057	0.722413837	
0.823374375	1.089170218	0.667426129	0.670002411	1	1.226036713	
1.029969466	1.366612163	1.249077419	1.149752331	1	1.111440054	
1.093844915	0.673630356	0.933858008	0.964907953	1	0.979235534	
1.007489909	0.819576557	1.129101644	0.71194564	1.179465531		
YOL035C	YOL035C::YOL035C::molecular_function unknown				1	1.070709959
1.85887919	1.155280437	2.249028049	1	0.982536869	1.620750624	
2.076401248	1	1.220217611	1.210084564	2.177283953	1.333167241	
0.790147174	0.724848407	0.834855522	0.91305028	1	1.298218504	
3.540922406	2.123076406	1.148509243	1	0.942467993	0.771126705	
0.659710869	0.696707919	0.784071707	1	1.34134933	1.479728433	
0.877439116	0.804151207	1.60299561	1	1.162433838	1.515449668	
1.347477783	1.992079655	1.57443468	1.333575354			
YHR019C	YHR019C::DED81::Asparaginyl-tRNA synthetase				1	1.068129523
0.755615671	0.853820449	0.529294096	1	1.167810196	1.047786103	
0.698284984	0.658623167	1	0.976392833	0.887882882	0.409386779	
0.703017901	1	1.150013476	0.751861962	0.557738484	0.713814394	
0.677132976	0.355047023	0.253916073	0.452271685	1	1.081459976	
0.826309188	0.93053536	1.157095081	0.904348725	1	0.921323429	
0.634066137	0.394322063	0.483323396	0.567366847	1	1.068098128	
0.876070466	0.889806331	0.872572352	0.774896553	0.830967177		
YML040W	YML040W				1	0.662666236
1.135723632	1.094568517	0.88732924	0.719594144	1	1.455449663	
1.447193211	0.47366678	1.148906341	1	1.049212729	1.574723365	
1.028381013	0.873162322	1	0.356027576	0.336746698	0.397426447	
0.536576865	1	0.750501379	1.032463965	1.341405358	1.3682012	
0.762111555	1	1.89900427	1.699199694	4.690947855	6.279388989	
2.009603428	1	0.866487151	1.518174158	1.861543673	1.208798032	
0.405657362	0.956181415					
YOL037C	YOL037C::YOL037C::molecular_function unknown				1	1.022699781
0.994738982	1.404785006	1.144930449	1	1.0968136	1.255862061	
1.072799661	1.034312205	1	1.18552569	1.134127001	0.885034395	
1.184894001	1	0.455220198	0.582796757	0.593902611		
0.669813155	1.173984176	0.82730895	1	0.839772144	0.682966345	
0.794346131	0.979551181	0.802028505	1	1.052163215	0.643647317	
0.753458438	1.057112761	0.699694951	1	0.898386428	0.686576247	
1.192043442	0.643447501	1.030656746	0.837972183			
YML042W	"YML042W::CAT2::Carnitine O-acetyltransferase, peroxisomal and mitochondrial"				1	1.378826431
1.249080223	1.255795101	1.34314875	1	1.095306622	1.332811268	
2.00930443	1.435858791	0.539815264	1.267417239	0.986089393		
0.308504238	0.610617178	0.297874704	1	1.14663502		
1.234748378	1.112805059	0.96247271	1	0.793998861	1.269680723	
1.180480308	0.887764378	0.905376531	1	1.407084207	1.602660891	
1.137849651	1.1887591	1.34631056	1.218868573			
YOL039W	"YOL039W::RPP2A::Homology to rat P2, human P2, and E.coli L12eIB"				1	
1.279778806	1.358871816	0.787416684	1.056969642	1	0.998967018	
1.15974491	1.061688559	1.182300636	1	1.012427334	0.934709265	

1.055139601	0.80776006	1	0.826149337	0.344775634	0.21958414
0.290742438	1	1.249767584	0.929429824	0.312451403	0.423928595
1.01072898	0.789713789	0.783172604	1.135320604	1.153812716	1
1.16633859	0.80104267	0.666749751	0.58123828	0.592336574	1
0.889938427	0.578213332	0.752118463	0.829384777	0.720215272	1.053375628
YML045W	YML045W	1	0.859440733	0.767147385	1.408885555
0.756425422	1	0.889938427	0.578213332	0.752118463	0.829384777
1.123932292	1.114610987	0.895677055	0.732389169	1	1.492584768
1.420872839	0.461105825	1.171983192	1	0.811066936	1.2700203
0.90255638	0.861607138	1	0.411099066	0.299162513	0.398078801
0.64652258	1	0.605647765	0.87863581	1.369512895	1.077859098
0.450922556	1	1.303394454	1.648739185	4.203069113	7.127162468
2.438702319	1	0.921482513	1.541043788	1.024440797	1.236709902
0.965539804	0.818708442				
YOL041C	YOL041C::NOP12::Nucleolar Protein; isolated as a mutant exhibiting synthetic lethality with a nop2 ts allele.	1	1.149886114	1.074740105	
1.487229373	1.791157032	1	1.173887706	1.35958124	1.380849962
1.59312719	1	0.636393604	0.624689879	0.598136553	1.311775285
0.170602377	0.209207596	0.294636016	0.457619064	1	0.519823341
1.124289147	0.986271392	0.716582099	1	0.594640167	0.62513578
0.578878955	0.60470524	0.728718067	1	0.735753243	0.8969351
0.632533626	1.080684154	1.334562825	1	0.650536221	0.918078395
0.950743616	1.282570936	0.67765019	0.943047067		
YOL043C	YOL043C::NTG2::Endonuclease III-like glycosylase	1			
1.797505251	1.97134533	1.594205224	1.813868436	1	1.521733943
1.551757486	1.723427528	1.845019415	1	1.458553048	1.89278927
1.381452013	1.510263056	1	0.984869078	0.892343177	1.68288907
1.455698796	2.065767932	0.988560924	0.852489488	1	0.966617156
1.026238149	0.922210422	0.866500029	1.109798052		0.954207789
1.079502092	0.841526023	1.561828867	1	1.051592172	0.90789881
1.012218699	1.090738885	1.221991659	1.159326177		
YML047C	YML047C::PRM6::pheromone-regulated membrane protein	1			
1	1				
				0.302223249	
0.902737461		0.990362488	1	0.749500453	
1.339180817	1.266697826	0.572683113	1.028595205	1.111414314	
0.95530575					
YML049C	YML049C::RSE1::RNA splicing and ER to Golgi transport	1			
1.207265955	1.070020475	1.351141319	1.027370243	1	1.342747971
1.423530072	0.997187651	1.049784476	1	1.131389133	1.520394564
0.800262721	1.05256119	1	0.969591585	1.132443871	0.470168955
	1.212601866		1	0.870190167	1.509186119
0.92348639	0.727235878		1.161042799		1
0.881367002	0.585533834	1.139098613		13.40843007	
YML049C	YML049C::RSE1::RNA splicing and ER to Golgi transport				
				1	0.957229556
0.907629609	1.097032284	1.100042138	1.003735698	1	1.135147055
0.909745265	0.900740427	0.874059809	0.668547027	1	0.922840746
0.952762206	0.989011422	0.925147097	0.778646182	0.828340286	
YML051W	YML051W::GAL80::inhibits transcription activation by Gal4p in hte absence of galactose	1	1.528711078	1.263716166	1.328659182
1.340640293	1	1.448348716	1.596350884	1.419108486	1.071211741
1.53540468	1	1.451299053	1.212665186	1.158086498	1
0.946959374	0.747620969	0.826616619	0.591001887	1	0.597944929
0.604573551	0.584847631	0.636467947	1	1.103304954	0.911473625
1.142487184	1.020517182	0.726996199	1	0.999392845	1.247237143
0.921609961	0.985361251				

0.899100566 1 0.930367229 1.129926231 1.096471468 0.965174269
 0.859364728 0.873872775
 YML068W YML068W::ITT1::Inhibitor of Translation Termination 1
 1.344823879 1.32928211 1.353319158 1.641949441 1 1.295450625
 1.419449426 1.614702314 1.482405905 1 1.224660503 1.535922567
 1.446819992 1.333175919 1 0.835571992 0.98508975 0.720216765
 0.914742966 1 1.420611903 1.811598019 1.734851446 1.25843292 1
 1.185710415 1.242212283 0.98169684 0.858617736 1.210957175 1
 1.198161823 1.136404086 1.719062503 1 1.241620854
 1.093955193 1.082920693 1.428771667 0.924658939
 YHR021C YHR021C::RPS27B::Homology to mammalian S27 1 1.247438443
 1.3309715 0.768998981 1.466942271 1 1.056649857 0.975334775
 1.244314774 1.004492843 1 0.724209112 0.778083725 1.007137059
 0.821376658 1 0.811602568 0.289948857 0.208194781 0.619262328 1
 1.849050862 1.15739699 0.736306439 0.636639311 1 0.873554403
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 1.396127717 0.897805706 2.145640991 1.010165957 1.407127762
 YHR035W YHR035W::YHR035W::molecular_function unknown 1 1.105733622
 1.252418374 1.247856501 1 1.231349275 1.254536293 1.388184924
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 0.796115246 0.798522846 1.127314688 1.450577529 1 1.33339296
 3.124781708 1.399315542 1.238186555 0.78975258 0.825599711
 0.673887438 0.715531566 0.865969133 1
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 YHR035W YHR035W::YHR035W::molecular_function unknown
 1 1.256787964
 1.05867742 0.974737396 1.183228367 0.987530543 1 0.844724694
 0.832462896 0.401301532 0.415364424 0.839927687 1 0.78518086
 0.767614732 0.654267864 1.165541416 0.590548617 0.954430189
 YHR037W YHR037W::PUT2::delta-1-pyrroline-5-carboxylate dehydrogenase 1
 0.675721501 0.813880088 0.974181755 0.733029173 1 0.975073451
 1.085522345 0.862707908 0.799059168 1 0.750421868 0.997781045
 0.852350159 0.87722467 1 1.158998861 1.064765917 1.10347601
 1.270931017 1 1.322272307 1.319354642 1.135860201 1.402430512 1
 1.038562785 1.025869813 1.111844875 1.088635869 1.13064621 1
 0.9174432 1.032294374 1.020226295 1.200542283 1 0.984702921
 1.205774804 0.853637746 1.162987084 0.958329747 1.679446817
 YER042w YER042w::MXR1::peptide Methionine sulfoxide Reductase 1 1
 1.463566559 1.51754874 0.897577206 1.548749373 1 1.097093992
 0.966018986 1.278310042 1.241613954 1 1.089905705 1.341821602
 1.521063016 0.778565127 1 1.990233392 1.209747584 1.046046473
 1.165703406 1 1.611008977 1.556473917 1.362824166 0.912029223 1
 0.923582646 0.772282985 0.39375329 0.887220992 0.765806599 1
 1.451127361 1.402107355 0.609506927 0.880379561 2.691974196 1
 1.482678498 1.493342078 0.724715905 2.089143348 1.036562288 2.02531828
 YHR040W YHR040W::YHR040W::molecular_function unknown 1 1.123906142
 1.196241646 0.975079252 1.064981578 1 1.017155502 1.043711365
 1.308633383 1.319237899 1 0.929242407 0.839693866 1.08338187
 1.1954339 1 0.602539643 0.432136773 0.941313782 1
 0.914616268 1.125987456 0.835649448 0.809987838 1 0.913021545
 1.258005787 0.744436407 0.781060072 1.014454097 1 1.045365431
 1.263576833 0.963495566 1.462393828 1.334029046 1 1.211841731
 1.125818641 1.091298324 1.255186242 1.214033024 0.979823219
 YHR040W YHR040W::YHR040W::molecular_function unknown

					1	1.197296455
	1.074483849	1.293232982	1.165034879	1.087053874	1	1.04879752
	1.316795994	0.8267748	0.857596411	1.092549542	1	0.996564044
	1.036442104	0.738114501	1.129018999	0.646728069	1.629536213	
YER045c	YER045c::ACA1::contains an ATF/CREB-like bZIP domain;					
transcriptional activator	1	0.870678077	0.933382474	1.094852835		
	0.878338258	1	1.011322254	1.07741594	0.936931064	0.856704532 1
	1.096418954	1.009859794	0.885422386	0.932133079	1	1.006274614
	0.594585506	0.870858207	0.886917408	1	0.923268258	1.814378089
	0.615231747	0.475076344	1	0.972595935	1.122755249	1.05070676
	1.124942653	1.142501126		0.80966377	0.918854624	1.123130399
	1.038248873	0.825574607		0.897658064	1.12714894	1.083667484
	0.751738129	0.624319912				
YHR042W	YHR042W::NCP1::NADP-cytochrome P450 reductase 1 1.330983532					
	0.954234664	1.010935735	0.640681482	1	1.308759883	1.204976394
	0.754350127	0.735880395	1	1.727406503	1.299408786	0.727187307
	0.946228106	1	1.478081317	0.988016379	0.647017803	0.567952016 1
	0.780804076	0.580115195	0.415382492	0.439963463	1	0.99908543
	0.868634879	0.822885547	0.946360838	1.143398026	1	1.128028732
	1.71497769	1.55878074	1.654695494	2.16580636	1	1.06230247
	1.101672582	1.287108378	1.392459279	0.851054362	1.376480951	
YER047c	YER047c::SAP1::interacts with Sinlp 1 0.637586222 0.659382746					
	0.864178281	0.696083872	1	0.85151597	0.921060115	0.616980138
	0.649573651	1	0.736116716	0.706434313	0.419963007	0.78121878 1
	0.93717702	0.669084728	1.052090293	0.696125949	1	1.22023894
	1.461980184	0.520116891	0.790979747	1	0.989703073	1.077209012
	1.011693597	0.98593043	1	0.950406977	0.816494503	0.925875129
	1.021252174	0.753438875	1	0.801710362	0.869243907	1.081274459
	1.000420302	0.985308447	0.852857756			
YHR044C	YHR044C::DOG1::2-deoxyglucose-6-phosphate phosphatase 1					
	1.281727891	1.367376649	1.168492765	1.70684861	1	1.102990675
	1.10174685	1.685960439	1.49440501	1	1.020011312	1.271430602
	1.964649313	1.28943915	1	1.893363386	1.490458497	1.68906536
	2.947043603	1	1.819295953	2.722053169	2.366663601	1.579117803 1
	1.035270544	2.255807867	1.398627872	0.637512296	1.019512498	1
	1.0508003	3.622312952	2.910094325	2.13599033	2.409052281	1
	1.738903263	3.715454963	1.631371383	1.914351524	2.110955182	1.323943457
YHR044C	YHR044C::DOG1::2-deoxyglucose-6-phosphate phosphatase					
	0.677718946	0.788462529	1			1
	0.867041743	1.00600979	0.810524817	0.84596758	0.644738152	3.133858293
YML070W	YML070W::DAK1::putative dihydroxyacetone kinase 1 0.866056777					
	0.901284226	1.25880435	0.822231427	1	1.007302813	1.231121107
	1.263583088	1.512561431	1	0.905261391	1.237860405	1.714398835
	1.705511418	1	2.302037215	2.110684466	3.176443917	2.365023678 1
	2.006848925	1.523990134	2.309863469	2.41705121	1	1.099229548
	1.409062775	1.937885717	1.2886178	0.961162192	1	1.006896726
	0.987653682	1.418882786	1.124426998	0.465104704	1	1.069072716
	1.01433295	1.151829686	0.642530526	0.918171715	0.604180558	
YER049w	YER049w::YER049W::molecular_function unknown 1 0.831672035					
	0.639305707	0.97324564	0.692377292	1	0.93162258	0.719879808
	0.747476795	1.015928974	1	0.660143251	0.569646161	0.382131307
	0.893408339	1	0.550886431	1.459391773	1.13932427	0.337210075 1
	0.557281382	0.377912123	0.218451439	0.342774103	1	0.948171429
	0.647382844	0.73621955	1.150850742	0.906760881	1	0.896127077

0.582251811 0.443112375 0.732527737 0.701426156 1 0.731877706
 0.620751949 0.786242928 1.024129687 0.578854906 1.015723811
 YHR058C YHR058C::MED6::RNA polymerase II transcriptional regulation mediator
 0.998573744 1.171816983 0.73912159 0.991586239
 1.097283632 1.068040398 1.159817999 1.021754644 0.73035375
 1.311845293 1 0.544778274 0.637021327 0.70242759 0.817621176 1
 1.002052351 1.142498318 1.363069305 1 1.045789887 1.106225908
 0.982100476 1.259840179 0.967269286 1 0.796002779 0.809834014
 0.739371179 0.71181933 0.690001144 1 0.854142877 0.881277329
 1.019515081 0.543519644 0.765029552 0.616439293
 YML072C YML072C::YML072C::molecular_function unknown 1 0.877485453
 0.826648979 1.103069621 0.623027773 1 1.134117953 1.239100629
 0.710254027 0.603448063 1 1.225957801 1.116694774 0.49458088
 0.796699697 1 1.105979583 1.058582815 1.292188092 0.496910149 1
 0.472648208 0.441789319 0.248585682 0.447068167 1.226855629
 0.861495326 0.827999943 0.586562513
 1.29421843 1.740480101 1.09691098 1.18232286 0.581155912
 16.75331348
 YML072C YML072C::YML072C::molecular_function unknown
 1 0.939125926
 0.910873354 1.137050089 1.389799864 0.767339617 1 0.901188547
 0.455325123 0.626978274 0.953267274 0.363057479 1 0.665535197
 0.587806318 1.034652326 0.572701681 0.603838072 0.494727558
 YER051w YER051w::YER051W::molecular_function unknown 1 0.789077208
 0.86335513 0.982438629 0.850587203 1 0.921814788 0.931085606
 1.009950271 1 0.776563059 1.045619416 0.857360598 0.943078877
 0.832990802 1.198273212 1.77309309 0.766041517 1 0.64891163
 0.840682299 0.449840344 0.595957035 1 0.971284898 1.224267339
 1.177495443 1.109880065 1.170295638 1 0.908078719 0.759940906
 0.939665533 0.917888832 1 0.867182856 0.991321346
 0.840690611 0.889692466 0.593673049
 YHR060W "YHR060W::VMA22::Required for V-ATPase activity. Required for the
 biogenesis of a functional vacuolar ATPase (V-ATPase), but not part of the final
 enzyme complex." 1 0.789029661 0.967503307 0.843547653 1.208104722 1
 0.734711243 0.812640522 1.117941789 1.036997626 1 0.854530799
 0.999245964 1.139139782 1.046538462 1 1.074898261 0.823963585
 1.074837696 1 1.468225277 1.556319786 0.919307118 1
 1.011692305 1.027914083 0.968158891 1.18625682 1.376834929 1
 0.785183211 0.568520158 0.591667643 0.796497062 0.487111821 1
 0.716994682 0.627479994 0.728018833 0.430514423 0.914517103 0.563026238
 YML075C YML075C::HMG1::Induces cell to assemble stacks of paired nuclear-
 associated membranes called karmellae. 1 0.965660977 0.748647514
 1.261595595 0.712755898 1 1.104184902 1.332827707 0.687119684
 0.803972438 1 0.962993534 1.000666305 0.517442777 0.636908324 1
 0.69226908 1.143231534 1.062062729 0.567100178 1 0.596082269
 0.568847499 0.46445103 0.412432365 1.046536332
 0.781461324 1 1.227478792 1.139730472 1.313227822
 1.166955396 1.328764362 2.194313781
 YML075C YML075C::HMG1::Induces cell to assemble stacks of paired nuclear-
 associated membranes called karmellae.
 1 0.653998936 0.637490612 0.985459095
 1.213285091 0.819624011 1 0.520508969 0.320486448 0.409019373
 1.078009069 0.416086788 1 0.353399904 0.327514695 0.930420725
 0.604970699 0.563065009 0.571782469

YER064c YER064c::YER064C::molecular_function unknown 1 0.605221784
0.604527667 0.546679237 0.402195678 1 0.644603585 0.744800744
0.483943349 0.478520237 1 0.788463819 0.782075914 0.459268773
0.573037953 1 1.002805114 0.677305879 0.726665137 0.415043202 1
0.85949467 1.255759938 1.052851498 1.400866108 1 0.956620916
1.08680823 1.156119403 1.351447107 1.338274394 1 0.96835132
0.996137149 0.78257735 1.061599197 0.780773048 1 0.534857393
0.575714504 0.606903909 0.534888638 0.600886141 0.937793286
YHR062C "YHR062C::RPP1::Ribonuclease P protein 1; required for processing of
precursor tRNA and 35S precursor rRNA; ortholog of the human scleroderma
autoimmune antigen, Rpp30" 1 0.869804412 0.760949947 0.783040674
0.714763938 1 0.761792614 0.750725645 1.175053468 0.997468315 1
0.576083071 0.498936144 0.564625741 0.991708499 1 0.356707449
0.318519146 0.651445852 1 0.58083546 0.821684831 0.530455144
0.763789937 1 0.919931179 0.974332444 0.904349625 1
0.843901666 1.032165505 1.68004409 1.29540713 1.956439346 1
0.735441171 1.075340118 0.793518525 0.740197207 0.739593208 1.547227573
YML077W YML077W::BET5::Bet5p/18kD component of TRAPP 1 1.03796873
1.382194354 0.935493617 1.978649721 1 1.002192392 1.340678214
1.516402042 1 0.921442351 1.063534486 1.261040681 1.179508128 1
1.040993654 0.678759039 0.782471186 1.342810514 1 1.267677282
1.973944365 2.018502116 0.982819414 1 0.919284061 0.977797493
0.533305709 0.675394397 0.974385759 1 0.926155367 1.660737029
1.113391538 1.002769049 1.737061921 1 1.055926406 1.530386836
0.970259691 2.013172344 1.241451147 1.609396964
YER066w YER066w::YER066W::molecular_function unknown 1 1.258157592
1.401609703 1.35082269 1 1.146241142 1.269369591 1.169338699
1.495278554 1 1.212263142 1.115330054 1.4929027 1.082384801 1
0.936479298 0.691214402 1.208983015 1.225161342 1 1.112139047
1.963260211 2.185200855 0.974391279 1 1.366920589 1.245937961
1.407444198 1.316881574 1.304001722 1 0.963595247 1.276236283
0.900998273 0.979924192 1.064803052 1 0.780019399 1.199248945
0.875351398 1.512916246 1.138966333 2.492025866
YML079W YML079W::YML079W::molecular_function unknown 1 1.367849389
1.558044086 1.153938284 1.966544027 1 1.293425968 1.260068476
1.589019547 1.632575272 1 1.057781296 1.385332102 1.969385845
1.254411881 1 1.076519017 0.787813772 0.940158436 1.69166156 1
1.572215484 1.848640221 1.389588928 1 1.08901952 1.280769936
1.007947305 0.926175803 1.08223147 1 1.09366729 1.464586991
1.339193855 1.093302959 1.312013918 1 1.018009442 1.356144675
0.982408308 1.554489144 1.222224638 1.949139086
YER068w YER068w::MOT2::Negative regulator of gene expression 1
0.768974886 0.846527163 0.925551418 0.825650888 1 0.925532139
0.994186893 0.75706431 0.749596317 1 0.885826542 0.83584688
0.827537193 0.86010243 1 0.927025283 1.228741756 1.319468451
0.87274427 1 0.519635813 0.763490114 0.663536289 0.440596448 1
1.120679243 1.044508828 0.950412458 1.02390699 1.052692429 1
1.025930091 0.792321052 0.869667573 0.780002862 0.680455358 1
0.96394814 0.843400727 0.851385443 0.802567637 1.540222567
YML096W YML096W::YML096W::molecular_function unknown 1 1.254986905
1.044664217 1.468872493 1 1.190984505 1.14295564 1.185598697
1.24525332 1 0.86733105 0.872489387 0.875289635 1.293701628 1
0.616561704 0.860474573 0.755655394 0.959242795 1 0.948997666
1.331353184 1.252188919 1.125233101 1 1.103841263 0.885271656
1.16742173 1.150561777 0.984178078 1 0.861026542 0.64432879
0.801268212 0.826425963 0.59483299 1 1.001128882 0.853797823
0.89486462 1.094144559 0.734285147 2.828265537

YER070w YER070w::RNR1::ribonucleotide reductase 1 0.837805344
0.750001004 1.12227381 0.717020032 1 1.043683251 1.049466901
0.683905315 0.772115061 1 0.966612666 0.726876128 0.420898339
1.330792771 1 0.656357073 0.569920806 0.54603287 0.628130043 1
0.368903368 0.335350004 0.274914474 0.422970466 1 1.049221474
1.257800288 1.627241637 1.066159095 1.212331657 1 1.62809644
1.261165598 2.138355857 1.855317981 0.37272395 1 1.46622187
1.053506357 0.905037436 0.725611645 0.70841601

YML098W YML098W::TAF13::TFIID subunit (TBP-associated factor) with predicted
molecular weight of 19 kD. 1 1.121580671 1.443339857 1.225677154
1.56226939 1 1.145336316 1.117681238 1.415208732 1.791200348 1
1.181127362 1.177251344 1.587651338 1.52520187 1 0.729023869
0.434589411 0.544276233 1.114227779 1 1.275881991 1.630443357
1.446815388 0.988343777 1 0.834757628 0.956295518 0.766840727
0.779330815 0.982647729 1 1.011793671 1.086111464 0.944895953
1.16398749 1.253939655 1 0.9526569 0.950539195 0.851068151
1.174775195 0.929960048 6.484871464

YML100W YML100W::TSL1::123 kD regulatory subunit of trehalose-6-phosphate
synthase/phosphatase complex; homologous to TPS3 gene product 1
0.944834625 1.200326739 1.322773534 0.676742952 1 1.645875407
2.0199319 0.758165389 0.6024296 1 1.742628184 2.504903739
1.752182902 0.947675422 1 6.44785849 5.947197199 8.297192871
1.64823861 1 2.187101143 1.63098496 2.206956509 1.047904964 1
1.292924212 1.543714244 1.478531088 1.161540218 1.096964766 1
1.312125405 0.81759389 1.35069684 0.915205675 0.68873729 1
1.398246415 0.961767184 1.1028449 0.969259003 1.493412236 0.785434741

YML102W YML102W::CAC2::Involved in DNA-replication-linked nucleosome
assembly; homologous to the p60 subunit of the Human CAF-I 1 0.898743474
0.894922123 0.765631127 0.566857995 1 0.992233616 1.081877108
0.872752964 0.87782048 1 0.886481223 0.92111422 0.878022828
0.872049371 1 0.867479617 0.522747277 0.794076228 0.916440045 1
1.228017716 1.280771971 0.906456053 0.737059271 1 0.935950115
0.934401165 1.260726323 1.178668784 1.096573767 1 1.036472335
0.761415772 1.134644983 1.022449073 0.925226118 1 0.744149858
0.711122077 0.914929669 0.736591862 0.747859776 0.889634012

YML104C YML104C::MDM1::Required for nuclear and mitochondrial transmission
to daughter buds. 1 1.354578071 1.399655302 1.384076373 1.566016732 1
1.292941618 1.496377522 1.420774706 1.495589642 1 1.117952379
1.241100118 1.369575545 1 0.955631192 1.435577932
1.113976643 1 1.322424646 1.673630775 1.181120791 1
1.075652302 0.685674181 1.158192501 1.154241941 0.983302581 1
1.126503244 0.985740544 0.921145387 1.224449368 1.02000035 1
0.942114849 0.982405471 0.758904791 1.108095932 0.792818258 1.592760061

YHR064C "YHR064C::SSZ1::DnaK homolog, interacts with Zuolp (DnaJ homolog) to
form a ribosome-associated complex (RAC) that is bound to the ribosome via the
Zuolp subunit" 1 0.95473625 0.610397626 0.869564619 0.573982245 1
0.963718686 0.790548623 0.559657445 0.760465448 1 0.900832473
0.716926159 0.352818714 0.886742292 1 1.233094338 0.57419378
0.677083963 1 0.749566686 0.397411317 0.234534141 0.755228433 1
0.669110717 0.742415063 0.635036252 0.606483464 0.654867023
0.869437613 1.073416967 0.836047344 0.930174935 1 1.731954457
1.602282604 1.217954285 2.061520851 1.168958073

YHR066W YHR066W::SSF1::putative involvement in mating 1 0.550300167
0.544049786 0.710592175 0.800602552 1 0.566987646 0.56408712
0.992248838 1 0.403178289 0.327783538 0.279865246 0.873849974 1
0.516056356 0.3599512 0.325796725 0.517053101 1 0.895689209
0.616462432 0.52405277 1.325102326 0.907302514 1.029008346

	1.064883624	0.950163918	0.923381455	1	1.069475355	0.934048085
	1.214209013	1.253741283	0.723081561	1	0.984611918	0.824998737
	0.979126403	0.648309007	0.800809151	0.899265805		
YHR068W	"YHR068W::DYS1::Deoxyhypusine synthase carries out the first step in hypusine biosynthesis, converting lysine and spermidine into deoxyhypusine." 1					
	1.27504525	0.988957502	1.217175521	1	0.947494729	0.858334273
	1.025607889	1	1.228056304	0.9758622	0.66641013	1.045841592
	1.016292396	0.648182612	0.497750914	0.464056309	1	0.899957008
	0.605504227	0.496344296	0.700209868	1	0.77475291	0.756880446
	0.973627892	0.668570628	0.878058891	1	1.354530957	1.485843825
	1.678252478	1.275176091	1.096344306	1	0.948183779	1.246047638
	1.16099396	1.121656551	0.971340997	0.875624		
YER072w	YER072w::VTC1::Null mutant identified in different genetic screens both by its ability to reverse the Cdc42p suppression of a cdc24-4ts mutant and its ability to suppress the vacuolar ATPase null phenotype 1 1.242523282					
	1.404972911	0.657641007	1.313259952	1	0.887678063	0.982299469
	1.090206821	1.003261184	1	1.078214749	1.084413201	1.446380806
	0.753266581	1	1.135998753	0.744006692	0.813750043	0.97721654
	1.444399667	2.001339289	1.725696278	1.079058974	1	1.121580882
	1.155389443	0.811946628	1.032868033	1.156463299	1	1.158309756
	1.510218896	1.044227938	0.826629674	1.498541602	1	0.932246631
	1.091678099	0.792651728	1.606302203	0.825979646	1.443904019	
YHR081W	YHR081W::YHR081W::molecular_function unknown 1 0.554354874					
	0.634573968	0.84886202	1	0.451725327	0.42201908	
	0.806628511	1	0.631596458	0.558517313	0.640595383	0.812829215
	0.547428499	0.341709635	0.712446197	1	1.695930091	1.848444183
	1.143098994	1.020248597	1	1.494506939	1.771457474	1.991557092
	1.405034981	1.021936124	1	1.00988388	1.683808622	1.602730345
	1.24494024	0.744348799	1	1.225420273	1.38948262	1.028191515
	0.786631652	0.891179371	1.134808707			
YER074w	YER074w::RPS24A::Homology to rat S24 1 1.000168601					
	1.129303697	0.730007163	1.65080779	1	0.945554537	0.856772253
	1.175604092	1.129910314	1	0.741361328	0.746762644	0.717459996
	0.78408005	1	0.761733471	0.336702878	0.223188369	0.53582739
	1.578035134	0.948351278	0.616207909	0.757673558	1	0.914056445
	0.814237125	0.643966537	0.979980201	1.150977875	1	1.157802153
	1.503986045	0.85048057	0.58949818	1.466825983	1	1.062024328
	1.168477896	0.710399127	1.634124031	0.769687418	1.599765067	
YHR083W	YHR083W::YHR083W::molecular_function unknown 1					
	0.994792468	0.974281357	1	0.947415593	1.030099568	
	1.04065207	1	1.173619538	1.080904331	1.079736005	0.925876678
	1.365163607	1.110583201	1.126795899	1	1.418170266	1.379796551
	1.40532927	1.298664572	1	1.14141116	1.308110317	1.343424716
	1.173826214	1.099343052	1	1.107533317	0.834547417	0.86655078
	1.007911207	0.643788429	1	0.874078632	0.849576963	1.214706218
	0.627858108	0.686956858	0.93253961			
YER087w	YER087w::YER087W::not yet annotated 1 0.837076597 1.101311525					
	1.265006224	1.155087929	1	1.127071338	1.386770617	1.203311921
	1.048441835	1	1.123573082	1.409740573	1.396904132	1.224903738
	1.43868657	1.140670393	2.338121779	1.502421266	1	1.371625399
	2.031236084	2.231245592	1.166457578	1	1.294521635	1.378938077
	1.490195405	1.199848771	1.228605306	1	1.361346541	1.191444096
	1.397100791	1.098225299	0.791650569	1	1.075443244	1.095032541
	1.105644448	0.821718939				
YHR085W	YHR085W::YHR085W::molecular_function unknown 1 0.808287042					
	0.620708334	0.609996067	1	0.826291781	0.883714368	
	0.813367363	1	0.756860072	0.64706816	0.367185356	0.875172844

0.55171702	0.295365933	0.54069082	1	0.578392796	0.830809845
0.50710549	0.725093297	1.941361583	1.879342227	2.163261186	
1.347580958	1.32428145	1	2.687643969	3.810579813	2.634024343
1.466910603	0.70357692	1	2.761868019	3.776695762	1.937787854
0.940814509	0.852633953	1.45003336			
YER089c	YER089c::PTC2::Protein phosphatase type 2C		1	1.031715986	
0.849782282	0.818712704	0.369056464	1	1.153769793	1.119278652
0.545842433	0.658747009	1	1.168593155	1.113192484	0.839280928
0.589741414	1	0.997833128	0.958301896	1.126952701	0.738543098
0.788879231	0.872520666	0.594146935	0.952620018	1	1.179669844
1.171709169	1.425990409	1.345638189	1.220786378	1	0.738369465
0.678558891	0.999632707	0.680992692	1	0.967706359	0.6269169
0.805881761	0.694414128	0.633008476	0.815205939		
YHR087W	YHR087W::YHR087W::molecular_function unknown		1	1.233932299	
3.12225589	2.01248966	2.159015128	1	1.586661207	2.900951546
2.979838333	2.026567641	1	1.483001888	3.920897126	16.66140449
1.955622118	1	10.77116833	10.06772521	15.68153491	10.75517344
5.760939283	12.55299098	22.51967183	6.126923142	1	1.302759244
1.356423698	1.167622532	1.182372218	0.978882348	1	0.786644149
1.360819081	1.214637539	0.849103293	1.081255588	1	1.075598456
1.425721315	1.038663382	1.299810159	1.111073424	1.342331585	
YML106W	YML106W::URA5::Fifth step in pyrimidine biosynthesis pathway				1
1.450183097	1.194827351	0.885559952	1.565653539	1	1.019431967
0.914747597	1.215700873	1.219032171	1	0.925316511	0.763214527
0.881364222	0.902242499	1	0.743616273	0.500140928	0.585520693
0.811073617	1	0.986582588	0.885581237	0.848281448	0.703158693
1.160223018	1.098422716	0.717628646	1.242793851	1.165553935	1
1.01061088	0.971163303	0.548924329	0.500122972	1.026488101	1
0.94008555	0.964438437	0.624620475	1.578141649	0.843184614	1.663685579
YER091c	YER091c::MET6::cobalamin-independent methionine synthase		1		
1.085383694	0.898606585	1.627624199	0.577516778	1	1.291995236
1.338844831	0.782142143	1	1.128002635	1.46971249	0.502314009
0.462022861	1	1.64974277	1.435827624	0.979899708	0.326186636
0.49475102	0.258528496	0.149872506	0.509461854	1	0.423368629
0.412079339	0.562194362	1.896802678	0.918017245	1	0.845514382
0.193230805	0.179508909	0.83062895	1.325154943	1	0.711396194
0.247304034	0.819515677	0.870398215	1.844307543	0.830967177	
YHR089C	YHR089C::GAR1::small nucleolar RNP proteins		1	1.215281076	
0.865123844	0.997137237	1	0.89459512	0.786483195	1.235054291
0.93281288	0.500689974	0.590039879	1.032313798	1	0.226894065
0.265434934	0.378472952	1	0.276865768	0.287631469	0.597964631
1.177400376	1.062483402	1.730779361	1.671330324	1.405523918	1
0.926034346	0.73637089	0.985352473	0.535823488	0.554251199	1
1.071451557	0.965105226	1.078902151	0.56362067	0.690491221	1.61377508
YML120C	YML120C::NDI1::NADH dehydrogenase (ubiquinone)		1	0.870746695	
0.95723228	1.072299738	0.661389287	1	1.22694773	1.302949549
0.839351796	0.783814324	1	0.942518664	0.92525648	1.082716272
0.823747135	1	1.425264423	0.869383831	1.731448626	1.037432975
1.699548009	0.891434727	1.198377283	1.057043751	1	0.758517653
0.644108628	1.015906993	1	0.43033339	0.194482488	
0.268976967	0.33754179	0.551832945	1	0.69829171	0.31034434
0.892176948	0.814577942	1.896990065	0.733772912		
YER093c	YER093c::TSC11::Binding Protein of TOR		1	0.860270581	
0.887616527	0.948889535	0.813035313	1	0.985560865	1.047953213
0.887523397	0.850364954	1	0.883072696	0.892379103	0.939686524
0.873546799	1	1.22669947	1.249569061	1.646321919	1.130637604
1.160732449	1.445017134	0.952506265	1.172343729	1	0.972460851

1.073575124 0.872370599 0.878474275 0.978413129 1 1.138503509
1.213710549 1.10233753 1.121188388 1.192994913 1 0.735887018
0.992558978 0.927060974 1.252173513 0.841345724 1.751248
YHR091C YHR091C::MSR1::Nuclear-encoded mitochondrial protein
0.865594772 0.860946388 1.008567703 0.815481181 0.871724195
0.945706904 0.898336405 0.845015709 0.894578924 0.882135969
0.788782064 0.905564837 1.396074
1 0.851899624 1.105250133 0.892386052
0.717286049 0.861249297 1.174957807 1 1.394662314
1.937416346 1.386283867 0.686489198
YML122C YML122C::YML122C::molecular_function unknown 1 1.254038666
1.417988259 1.211108227 1 1.320202392 1.873243089 1.577488472
1.737325707 1 1.409885127 1.125007115 1.587427747 1.561905906 1
1.062801772 0.927009358 1 0.592169848 1.709518532 0.992123508
0.562101105 0.954094225 0.957217005 0.848673814 1.117896912 1
0.761968104 1 0.773009861 0.638496919
1.552481354
YER095w "YER095w::RAD51::Involved in processing ds breaks, synaptonemal
complex formation, meiotic gene conversion and reciprocal recombination." 1
0.983265235 0.872518438 0.895502736 0.659408059 1 0.976285686
0.856691377 1.025772797 1 0.862314221 0.791611848 0.977357791
0.887537507 1 0.759791593 0.486829234 0.647005031 1.04559379 1
1.170743291 1.503897263 1.368849266 2.156913286 1 1.3010482
1.113429469 1.647571693 1.32530188 1.305349366 1 1.243562198
1.565107729 1.300947689 1.426414267 0.843088585 1 1.081734671
0.833088899 0.774328764 0.877473201 0.662931832 0.917653933
YHR105W YHR105W::YHR105W::molecular_function unknown 0.887757946
1.144981558 0.822333934 1.084812321 1.252155464 0.93174752
1.199603846 1.204739725 1.070406466 1.29813939 1 0.564742561
0.854080833 0.841006516 0.92837175 1 0.951472158 1.381089744
1.322099431 0.970415221 1 1.887410532 2.170914623 3.15379066
1.350268791 1.030482978 1 1.985981594 3.072404954 3.553246797
2.540720259 1.12408399 1 2.170168834 3.488771198 2.066693291
0.827815438 0.754047244 1.433396457
YML125C YML125C::YML125C::molecular_function unknown 1 1.119755765
0.963140891 1.069330329 0.993103213 1 0.938740733 0.816046054
1.213843715 1.227845305 1 1.113935103 0.880370259 0.87341166
1.196560685 1 0.667482555 0.514214213 0.668207204 0.769358101 1
0.652628382 0.633726497 0.594288342 0.545642788 1 1.138994029
1.019597071 1.22394748 1.100653461 0.857723743 1 1.142141941
1.343310197 1.307771266 0.896373656 0.692431628 1 1.007153043
0.933378651 1.032215922 0.717978199 0.597424038 1.415883994
YER097w YER097w::YER097W::molecular_function unknown
0.89078779 0.818996203 1.121237769
1.179354465 3.06748575 1.050455152 2.034850094 1
1.119577048 0.898311386 0.729455375
1.09268846 1.021939257 1 0.954442434 0.986798798 1.140937279
0.898562177 1.019364056 1 0.995479136 1.103971419
0.947464693 0.857235872
YML127W YML127W::RSC9::Remodels the Structure of Chromatin 1
0.92039404 0.907350302 0.890879939 0.799747617 1 0.98321411
0.864493139 0.828923648 0.885171053 1 0.948905383 0.970808239
0.931995247 0.868518379 1 1.083290792 0.682253911 0.996448949
0.839177247 1 1.003577219 1.003708234 0.876603854 0.590437228 1
0.902237646 0.847878742 0.920564915 0.898843411 0.908721597 1
1.097896658 0.748009577 0.942847948 0.745963905 0.559913167 1
0.972008595 0.739856094 0.888767343 0.655789017 0.849113555 0.727643518

YER111c YER111c::SWI4::Involved in cell cycle dependent gene expression 1
0.614976747 0.6616896 0.911310198 0.696304659 1 0.706070656
0.868479681 0.671253483 0.676470611 1 0.760036826 0.767452374
0.483309198 0.940801089 1 0.973832206 0.848063734 0.896298231
0.4551893 0.646330592 0.749944519 0.40767525 1 1.108412617
1.186697301 1.278464317 1.049200987 0.929211456 1.06611476
1.068343601 0.774068142 1.042495232 1 0.884710082 1.320650847
0.621734074 0.973438001 0.612183247
YER111c YER111c::SWI4::Involved in cell cycle dependent gene expression
1
0.863256504 1.078751475 1.034795744 0.708248668 1.066386758 1
1.359513372 1.104394541 1.83581325 1.440912155 0.723457181 1
1.194704745 1.396197164 1.438366916 0.81672533 1.2514555 0.813454714
YML129C "YML129C::COX14::Mitochondrial membrane protein, required for
assembly of cytochrome c oxidase" 1 1.613805391 1.307974549 1.387580458
1.664322728 1 1.375889654 1.304803803 1.391292117 1.625826004 1
1.342696539 1.359847557 1.097704116 1 1.744655455
1.646525102 1.687931301 1 1.287585258 1.616802532 1.420905207
0.792335796 1 1.517225303 1.779792991 1.151644348 1.038564261
1.339045607 1 1.490236276 2.129785864 1.549146287 1.372383504
1.946379019 1 1.461192827 1.690864663 1.304087836 2.106493221
2.034219804 1.278411073
YER113c YER113c::YER113C::molecular_function unknown 1 0.74045178
0.700001773 0.746824699 0.642613416 1 0.823311108 0.826656088
0.576353982 0.57719456 1 0.726482566 0.598958074 0.509729321
0.556745557 1 0.553949943 0.570778236 0.536882142 1
0.675273113 0.544116201 0.720532264 0.879131871 1 0.836263396
0.751856314 0.551268543 0.914736316 0.847099572 1 0.8434479
0.576946235 0.701254378 0.749366629 0.708324816 1 0.872500501
0.684977586 0.982345937 0.752721736 0.943907568 0.809076598
YML131W YML131W::YML131W::molecular_function unknown 1 0.863762281
0.858071481 0.935460689 0.999614753 1 1.110433188 1.04306639
1.055142082 1.012446853 1 3.744859363 4.252764225 2.240684724
1.240005474 1 24.31625015 29.40788357 25.00709897 9.369986715 1
12.27280927 7.950810309 10.14463954 7.97092569 1 2.541619824
5.501287278 5.350702454 1.560214834 1.190599415 1 3.187105563
4.759644307 5.133510774 1.805161542 0.899890209 1 4.332328664
6.061247079 3.354685667 0.983375221 0.940612679 3.565540951
YMR014W YMR014W::BUD22 1 0.590224382 0.773139075 0.948026281
0.981958459 1 0.691944001 1.079833634 1.087458363 1
0.442431788 0.456077792 0.518169154 0.925095549 1 0.309905416
0.211638558 0.297391513 0.746659678 1 0.833565003 0.92250576
0.773194343 0.720121337 1 0.548703687 0.593635072 0.436846189
0.442683603 0.81181934 1 0.835567334 0.941736435 0.464757338
1.748840263 1.659142756 1 0.639297002 0.877166811 1.068188473
1.203457485 0.712553761 0.870370271
YMR016C YMR016C::SOK2::Protein that can when overexpressed suppress mutants
of cAMP-dependent protein kinase 1 0.708751714 0.810199245 0.854149865
0.658486834 1 0.925088644 0.719835764 0.74793181 1
0.999822496 0.737298828 0.522331152 0.73659171 1 1.214370116
0.868088481 0.680026995 1 0.739079712 0.918085406 0.548803239
0.37959612 1 1.144336004 1.017235138 0.718205796 0.692125101
0.677343161 1 1.603544014 1.220829747 1.164539363 1.405394684
0.590033551 1 1.563008976 1.340324922 1.111140114 0.730826536
0.643458945 0.747782872

YMR018W YMR018W::YMR018W::molecular_function unknown 1
1.217819019 1 1.843411983 1 1.641379546
1.67231423 1.440331124 1 0.634948465 0.690178394
0.801013177 1 2.231015205 5.61351053 3.465718471 1.676873989 1
0.701012064 0.886131412 1.092639989 1 0.961494175
1 1.470833645 0.747704248 2.051552013
YLR157CA YLR157CA
1 1.108428283 1.204696223 0.928324998 1.031030497
0.950697492 1 0.937077197 1.577235882 1.178972964 0.972586711
1.836816831 1 1.390646759 1.391161242 1.271994973 1.643144563
1.26639468 1.281037964
YHR107C YHR107C::CDC12::involved in proper bud growth 1 0.91310221
0.870402798 0.939961795 0.895028547 1 0.917661648 1.008195433
0.824840249 0.835515026 1 0.974061719 0.906465198 0.788001585
1.027613343 1 0.987995179 1.262032849 0.821290213 0.635153517 1
0.976028878 0.582142398 0.541225511 0.815981974 1 0.941512371
1.095560363 0.831622537 1.114273742 1 1.197703402 1.330973988
1.220242456 0.845879656 0.850178086 1 1.005011399 1.146986435
0.881720795 0.835733135 0.882705526 1.257396055
YHR109W YHR109W::CTM1::cytochrome c trimethylase 1 0.676152851
0.528333324 0.832559703 0.566724881 1 0.722178838 0.8007588
0.614699705 0.672023334 1 0.741153583 0.703157424 0.528699568
0.839511482 1 0.65555642 0.935709736 0.8937817 1
1.149528021 1.588845657 1.404128853 1 1.132055148 0.902107898
1.040951033 1.193580857 0.974577208 1 1.301984293 1.321595604
0.765965868 0.57362462 1.205550195 1 1.13357911 1.115546774
0.95006419 0.834822763 1.087570148 0.950052073
YHR111W YHR111W::UBA4::Ubiquitin activating enzyme 1 0.89020633
0.810356895 0.851242209 0.77481127 1 0.751985253 0.790536399
1.086676896 1 1.26080863 1.138885459 0.952491258 1.112367662 1
1.51154418 0.745200758 1.198878198 1.105240907 1 1.669235089
2.221333802 1.596809914 1.3523205 1 0.716814431 0.601021819
0.994108337 1.358532718 0.656334632 1 0.684126773 0.519475209
0.544635014 0.698641992 0.435719478 1 0.719520158 0.650712741
1.135852903 0.783940311 0.768225718 0.605056171
YER115c YER115c::SPR6::sporulation-specific protein 1 0.848931657
0.839651335 0.74787068 0.661241327 1 0.787191392 1.098202749
0.846092617 1 0.69005131 0.731877814 1.358874949 0.812237347 1
0.717190202 0.548336277 0.826939308 1.239584407 1 1.419853226
1.855251829 1.830500699 1.950686518 1 0.930460302 0.932875432
0.998614129 0.90299228 1.092921683 1 0.871945831 1.069539605
1.008173479 1.219047482 1.722517169 1 0.861155893 0.760079137
0.881082922 0.502280869 0.985550522 1.34058036
YHR113W YHR113W::YHR113W::molecular_function unknown 1 1.429356545
1.222613175 1.360036941 1 1.157151867 1.092918858
1.267109513 1 1.208404673 1.297105968 1.720331512 1.370033829
0.41211512 1 0.92291717
0.972616748 0.878157021 1.12721081 1.12597335 1 1.375214359
0.972343263 1.017200902 1.208680673 1.335149965 1 1.033454789
0.964560829 0.879586443 1.251959583 1.01826099 0.854609034
YER117w YER117w::RPL23B::Homology to rat L23 and E. coli L14 1
1.163181192 1.219887216 0.839588481 1.563331414 1 1.072098769
0.905055911 1.594599858 1.271148686 1 0.997626467 0.912056931
0.809638676 1.156616169 1 0.623236234 0.640353164 0.199392166
0.434087602 1 0.816416542 0.488798751 0.846042274 1
1.185027614 0.774743609 1.172771327 1.310355795 1.238016475 1

	1.226027956	1.339884303	1.050597046	0.648142868	1.319325652	1		
	0.935754155	0.867663177	0.768702503	1.031277024	0.881801392	1.086649433		
YHR115C	YHR115C::YHR115C::molecular_function unknown						1	0.832983801
	0.707854363	0.675806258	0.54394939	1	0.783318712	0.805685723		
	0.62518287	0.594837885	1	1.044169229	0.907346005	0.776908058		
	0.668351965	1	1.472245462	2.987398434	1.4000142	1.596642883	1	
	0.969890287	1.206944275	1.368969194	1.065220649	1	0.919312737		
	1.104424177	1.00359729	0.813372532	0.880609645	1	1.199803004		
	1.785761875	1.422513711	1.302449004	1.957892336	1	0.811559613		
	1.418625627	0.878438824	1.146595156	1.00039387	1.238132366			
YER119c	YER119c::YER119C::molecular_function unknown						1	1.077473184
	1.177930643	0.815223333	0.513658529	1	1.055197364	1.095287643		
	0.767894361	0.719175933	1	1.266241005	1.43751233	0.820964994		
	0.882679201	1	0.904058808	0.357601703	1.864536159	1.096389305	1	
	0.906743978	1.008897621	1.287734289	1	1.041133081	1.258983061		
	1.170205701	1.281631422	0.910785467	1	0.986243289	0.965941049		
	1.217957536	0.902524636	0.659968281	1	0.997097063	0.997331387		
	1.152868474	0.476443143	1.83525669	0.791564082				
YHR129C	YHR129C::ARP1::actin-related protein of the dynactin complex						1	
	1.094765307	0.887438274	0.898395703	0.988910666	1	0.906277115		
	0.956144183	1.107755789	1.1339458	1	0.763276782	0.767123525		
	0.758305854	1.071873419	1	0.578181594	2.374145391	1.801684512		
	0.697214139	1	0.518674965	0.286053433	0.184840504	0.286323039	1	
	1.050926651	1.042354589	1.167616915	1.294577864	1	1.079246631		
	1.005568732	0.928022818	1.178043389	1	0.6758881	0.737854134		
	1.052193385	0.926331737	0.685407381	0.784559128				
YER121w	YER121w::YER121W::molecular_function unknown						1	1.001754535
	1.060260737	0.934547337	1.087511619	1	0.976061669	1.015641721		
	1.149473221	1.156178012	1	0.904350292	1.00937307	1.670260713		
	1.163143411	1	1.372413303	1.307635629	2.064338484	2.515251018	1	
	1.334477343	2.340953487	2.546102247	0.927317947	1	0.926884495		
	1.168045296	0.883822952	1.052232246	1.049274781	1	0.850284359		
	0.940337571	0.794314826	1.273074408	1.737181674	1	1.115478295		
	1.007536944	1.145072411	1.032543933	1.543192715	1.457913927			
YHR131C	YHR131C::YHR131C::molecular_function unknown						1	0.856335096
	0.823064965	1.141402187	0.689460542	1	0.980424554	1.096117789		
	0.947126181	0.86389619	1	1.020819634	1.122495793	0.813741352		
	1.121579803	1	1.185185538	0.981084751	1.344990856	1.044648917	1	
	0.690197759	0.751745499	0.916179739	0.711117555	1	0.940451462		
	1.010472705	0.646959188	0.965112062	1		1.445752879		
	1.182020542	1	1.563291	1.584078901	1.044748351			
	1.368870499	1.674119651	1.454411476					
YMR020W	"YMR020W::FMS1::Multicopy suppressor of fenpropimorph resistance (fen2 mutant), shows similarity to Candida albicans corticosteroid-binding protein CBP1"						1	
	0.962464201	1.001875781	1.319845434	1.105961965	1	1.116186327		
	1.210627968	1.355761389	1.345195731	1	1.223073155	0.767896052		
	1.306999644	1.60424054	1	2.026856844	1.724429812	1.478848073	1	
	0.823384866	1.174024711	1.082688057	0.943864361	0.801730928	1		
	1.077378734	1.28904541	1.137822516	1.703516479	1.021143588	1		
	1.108558849	1.116084804	1.169738543	1.158656242	1.067126488	1.381734628		
YER135c	YER135c::YER135C::molecular_function unknown							
					0.946421152		1	
	0.548894593		1	0.471676417		0.760019017		
	0.660790115	0.69582314		0.819274003	0.642061116			
	0.769160467		1			0.241659218		

YHR133C YHR133C::YHR133C::molecular_function unknown 1 1.32578591
0.945092345 0.948133823 0.968635221 1 1.027853831 0.919250458
0.981250908 1.060581006 1 0.987232215 0.980744472 0.977988378
0.887115081 1 1.053937428 0.897335367 0.725717084 0.921157463 1
0.971967006 0.789669983 0.673990955 0.765801333
0.998202063 1
0.83857166 0.771803055 1.398131438 0.977612464 2.703051194
YMR022W YMR022W::QRI8::part of the HRDDER pathway of ER-associated protein
degradation 1 1.251467705 1.624265836 1.243016654 2.136615348 1
1.280014378 1.342319405 1.763530918 1 1.276450226 1.343816108
1.984833575 1.323751341 1 1.082363343 0.786628653 0.798742916
1.512825377 1 2.153713247 2.10774149 3.315516951 1.879651486 1
1.230997208 1.583781979 1.261529971 1.023515609 1.204677718 1
1.062009452 1.339246915 1.137310482 0.835303805 1.160525939 1
1.040527676 1.257371065 0.964937412 1.23225969 1.116697836 1.466670158
YER137c YER137c::YER137C::molecular_function unknown 1 1.370910344
1.452593539 1.414995762 1.359666257 1 1.334122889 1.427807433
1.452414934 1.342194311 1 1.164173855 1.564646318 1.16359205
1.323173294 1
0.865418864 1.075261521 0.945895856 1.083571913
0.895731138 1.025907242 0.9044757 0.790349171
0.822683173 1.058629408
YHR135C YHR135C::YCK1::membrane-bound casein kinase I homolog 1
0.794471168 0.86941385 0.748625413 0.833768011 1 0.869422245
0.86877737 0.883887648 0.703167763 1 1.003386861 0.953070863
0.665072678 0.796534153 1 1.210883618 0.833685414 1.085473047
0.579600389 1 0.921928095 0.761718959 0.818813085 0.73971394 1
1.143711848 0.985677993 0.851868033 0.863388768 1.0255903 1
1.181482862 1.38858671 1.430004013 1.313257401 2.061131621 1
0.731252924 1.404477782 0.830756921 1.132094091 0.707621795 2.219706915
YMR024W YMR024W::MRPL3::Mitochondrial ribosomal protein MRPL3 (YmL3) 1
0.771223025 0.874556973 0.949020488 0.881449607 1 1.052092938
0.941371863 0.970088015 1 0.897749453 0.746200891 0.854575897
0.75752401 1 0.714759665 0.802746894 0.568094824 0.90234754 1
1.479841887 1.545436157 1.553995518 1 1.033217507 1.118259716
0.921630081 1.008335954 0.990442698 1 1.169636367 1.138172188
0.803698024 0.74988463 0.903431181 1 1.218958875 0.914407285
1.118324541 1.27900619 0.832718402
YHR137W YHR137W::ARO9::aromatic amino acid aminotransferase II 1
0.804619336 0.759926348 0.608645995 0.407104097 1 0.955108519
0.971188231 0.665401501 0.475877587 1 1.608188984 1.77548012
0.715199168 0.401026014 1 2.269646072 2.263489961 1.312872721
0.396098441 1 1.542587994 1.864026689 1.08624202 0.387646857 1
1.025183837 1.363621401 1.266210559 0.957261526 1.109659179 1
1.17645534 1.264606572 1.706464803 1.429120888 1.620713636 1
0.997655194 1.01068683 0.769324303 1.34955305 1.226456812 1.152321171
YER139c YER139c::YER139C::molecular_function unknown 1 0.926729774
1.010577654 1.242940177 1.088229893 1 0.988999601 1.089161028
1.225987375 1.159497926 1 0.984836864 1.171313205 0.889363565
1.187184092 1 0.803311829 1.161081778 1.458272231 1
0.922914458 1.07035612 0.624650864 1 1.202737583 1.519219096
1.008578688 1.057718362 1.256677901 1 0.712111098 1.058798895
0.840548975 1 1.020550213 0.996587237 0.96261996
1.75390776
YMR039C YMR039C::SUB1::Suppressor of TFIIB mutations 1 0.462429818
0.857959172 0.65918538 0.874492542 1 0.655794817 0.599050949
0.93179423 0.94457722 1 0.72880104 0.79923353 0.986155032

0.870848307	1	0.939641122	0.783487217	0.648912719	1.204300408	1	
1.273358171	1.909016671	1.768798046	1.231628556	1	0.952135523		
1.220725324	0.770201029	0.590164781	0.970431	1	1.45638007		
1.584720657	1.473348965	1.947166206	2.035262056	1	1.280699431		
1.399904096	1.323410548	1.4211767	1.674891685	1.293296646			
YER141w	YER141w::COX15::cytochrome oxidase assembly factor					1	
1.196736915	0.995183606	1.470551777	0.98243336	1	1.362766453		
1.399079712	1.079904784	1.030100253	1	1.560650743	1.335757018		
1.09248392	0.852313043	1	2.652390364	1.698406617	2.13245044		
0.89903925	1	1.976762879	0.757755176	0.621775278	0.934270425	1	
0.982251167	0.81320217	0.923781055	1.279647038	1.040377253	1		
0.863537805	0.457148204	0.489514337	0.767395667	0.73173987	1		
1.19362183	0.574211863	0.987543977	0.966669406	1.536275149	0.80732532		
YMR041C	YMR041C::YMR041C::molecular_function unknown					1	1.311625058
1.325971366	1.226949062	1.599217753	1	1.22444446	1.15564285		
1.758979331	1.814594163	1	1.974758946	2.019174214	2.641180449		
1.637769319	1	2.151452948	1.481830272	2.325460773	2.513484229	1	
2.48071512	3.3325351	4.198652865	2.440226294	1	1.389977058		
2.111316116	1.749947638	0.859326389	0.858358227	1	1.281082913		
2.14906161	2.596820395	1.440816908	1.25309922	1	2.163748168		
2.589226471	1.426794588	1.20217617	2.182046405	1.277535408			
YER143w	YER143w::DDI1::DNA Damage Inducible; binds to T- and V- snare complexes					1	
0.834949767	0.943634674	0.795304737	1	1.062076533	1.194245338		
1.273972515	0.881854838	1	1.25871013	1.226736982	1.586302984		
1.537487462	1	1.463684769	1.595713752	1.921196966	1.30361665	1	
1.250423671	1.365462853	1.4324076	0.889643591	1.147159814	1		
1.714400651	1.752427737	1.856778228	1.093525353	0.993364931	1		
1.417878939	1.115106337	1.101251681	0.747863413	1.05342465	0.958808305		
YMR043W	YMR043W::MCM1::Involved in cell-type-specific transcription and pheromone response					1	
0.914502981	1.004375357	0.963414966	1	0.80154048	0.951059753		
0.999905927	1.016699305	1	1.100342379	1.385763778	1.377715085		
1.194925494	1	0.748391303	0.884671313	0.795908908	0.842066527	1	
0.981977561	1.024141013	1.190693305	1.049294331	1.391253212	1		
1.149927645	0.948188593	0.862144342	1.165001345	0.897349441	1		
0.768761319	0.780111221	0.873790125	0.946622018	0.677216546	0.798569088		
YER145c	"YER145c::FTR1::high-affinity iron transporter, primarily expressed under oxygenated conditions."					1	
0.923372663	1	0.714534647	0.643372171	0.565076478	1.043682143	1	
2.520747513	1.707981802	0.589357712	0.750147346	1	2.171728586		
0.721133022	0.459367042	0.642486793	1	1.302763461	0.60426179		
0.234923072	0.376003472	1	1.568365529	1.32643564	2.254247986		
1.188930398	1.115509129	1	1.679484565	1.676485542	1.547666303		
0.765749059	0.408172622	1	1.740065868	1.026947831	0.770328227		
0.501087483	0.407377905	0.943922628					
YMR046C	YMR046C					1	
0.97554183	1.001114935	0.87376778	0.659551589	1	1.445149162		
1.437165102	0.499425851	1.20122365	1	1.050249431	1.329860515		
0.939918878	0.740694294	1	0.571481339	0.359973932	0.358635625		
0.74257399	1	0.926958585	0.854366885	1.622553204	1.47825495		
0.797701898	1	1.107647842	1.369581121	2.770422164	5.598798035		
1.783998479	1	1.09187146	1.673906858	2.232400724	0.890482493		
1.00088268	0.869494607						
YMR048W	YMR048W::CSM3::Chromosome segregation in meiosis					1	
0.797844084	1.072528238	0.911471683	1.118583393	1	0.804884024		
0.888841195	1.312766049	1	0.808652433	0.771177624	1.070487712		

1.277438684	1	0.512871018	0.370792926	0.455040448	1.162200281	1
1.054215183	1.042079784	1.126767502	0.830955946	1	1.020265344	
1.107797688	1.039795267	0.918557919	1.107879912	1	0.924596537	
1.077802925	1.119765864	1.340677062	1.453087677	1	0.979829251	
0.936772364	1.103268498	0.674798799	1.106324071	0.998211347		
YMR051C	YMR051C	1	0.871375309	0.815645585	1.295731128	0.633622496 1
	1.111915453	0.944870613	0.726068154	1	1.507385479	1.392958082
0.479163898	1.180762595	1	0.785265923	0.908913591	0.727764562	
0.509769644	1	0.376825745	0.32018004	0.328643292	0.594869151	1
0.973763342	1.070809238	1.395465305	1.671883587	0.839891921	1	
1.216873534	1.172005851	2.684069231	8.284715875	3.032995608	1	
1.183537575	1.689822782	2.247783388	1.459328683	0.8339807	0.961435195	
YMR067C	YMR067C::YMR067C::molecular_function	unknown	1	0.688779393		
0.822523341	0.851579316	0.849563224	1	0.933520598	0.937636263	
0.902772763	0.891975157	1	0.800586825	1.024421662	0.704260345	
0.818770707	1	0.772459544	1.001325955	1.017579221	1	
1.363336439	1.843649765	1.926015481	1.648044558	1	0.923158062	
1.071255212	1.24452432	0.969071246	1.145621642	1	1.533863085	
1.508328789	1.676055136	1.149060339	1.173819935	1	1.315436156	
1.238288152	1.115019129	0.761957672	0.81968591	0.757414768		
YHR139C	YHR139C::SPS100::involved in spore development	1	1.118453237			
1.340421702	1	1.086311564	1.342520412	1.362397529	1	
1.223289089	1.360790932	2.351141901	2.275819458	0.418822189		
1.710061382	0.49510766	1	0.880955265	0.730197224		
0.881607064	1	0.714302271	0.468524597	0.323954346	1.508740818	
1.286194815	1	0.458696531	0.238485636	0.304642791	0.526521571	
0.729469692	1	0.50137726	0.295475688	0.804603933	0.879851287	
0.74645314	0.628698027					
YHR152W	YHR152W::SPO12::Thought to be a positive regulator of exit from M-phase in mitosis and meiosis; interacts with Dbf2p and Dbf20p protein kinases	1	0.929385678			
0.796797956	1.17659296	0.988062985	1.508424465	1	0.929385678	
0.937509701	1.197179431	1	0.778850788	0.959446977	1.249049625	
0.854172341	0.961429621	1.027267074	0.794018602	0.942079818	1	
1.195232045	1.421339601	1.587572473	0.951926159	1	0.94428922	
1.04485932	0.536222391	0.640943279	0.957453028	1	1.510894868	
2.184404374	1.848961466	1.620716007	2.920138004	1	1.218084545	
1.365411754	1.082363692	2.107355801	1.72963547	1.373854061		
YHR154W	YHR154W::RTT107::Regulator of Ty1 Transposition; Establishes Silent Chromatin	1	0.896184531	1		
0.942778978	0.855296532	0.727387981	1	0.694131931	0.518684996	
0.358279282	1.181862199	1.116859244	0.596676118	0.829523556		
1.285904568	1	0.403088764	0.492268578	1	1.301712386	
1.165070011	1.086489562	1.120918622	1.181524529	1	0.776585404	
0.807212004	1.208974258	1.020830958	0.756759203	1	0.911210518	
0.819434808	0.906360693	1.120559726	0.767962034	1.154948061		
YER159c	YER159c::BUR6::Homolog of DRAP1 (NC2alpha)	1	0.607102237			
1.20465231	0.81885132	1.241347417	1	0.736530945	0.733090158	
1.293762669	1.30945298	1	0.741606007	0.959025339	1.549677882	
1.290686217	1	0.832629383	0.756165286	0.729944611	1.713905622	1
1.543440816	1.725861656	2.525689715	1.667944931	1	0.791893641	
1.083480227	0.807412833	0.757330943	1.254022272	1	1.203381081	
1.494762707	2.456166278	3.65746819	1	0.95027083	1.123350637	
1.491914389	1.262676936	2.189961954	1.557735134			
YHR156C	"YHR156C::LIN1::LIN element of a link between sister chromatid cohesion, DNA replication and splicing"	1.06136938	1.129707438			
0.937006347	1.154204471	1.006114932	0.868820171	0.965910383		
0.976352473	0.839119848	0.948772165	0.82383901	0.872279172		

					1	0.929993463
	0.870772833	1.033907664	1.149068999	1.380931527	1	1.749896672
	1.767124613	1.572109634	1.245615415	1.093312357	1	0.942864063
	1.185932042	1.681935257	0.976320768			
YER161c	YER161c::SPT2::non-specific DNA binding protein (sin1)					1
	0.705322627	1.011095893	0.901385694	1.090467375	1	0.846323647
	0.919355543	1.060906469	0.989833766	1	0.920470656	0.981340079
	0.953700714	0.950068009	1	1.00716407	0.888404897	1.070276687
	1.253732686	1	1.48737686	1.629841161	1.733572516	1.320142922
	0.835258761	1.181027527	0.932402159	0.707066423	0.853995242	1
	1.218555249	1.41593496	1.256952565	1	1.302681677	
	1.149266934	1.045579969	0.846197278	1.034987604		
YHR158C	"YHR158C::KEL1::protein containing kelch repeats, similar to					
YGR238c"	1	1.847849647	1.390998835	1.241448967	0.978095776	1
	1.771570789	1.500342739	0.92610641	1.091574155	1	1.479309487
	1.729933977	1.308795669	0.885609732	1	1.400985651	1.241034172
	1.169886561	1.066893778	1	0.906440383	0.843105338	0.586469609
	0.986901239	0.703442114	0.868842057	1.458826096	1.349329718	1
	1.423733764	0.769786985	0.776796434	0.94187356	0.592589275	1
	0.874828548	0.534595243	1.056190008	0.486385517	0.844977137	
YER163c	YER163c::YER163C::molecular_function unknown					1
	1.346878734	1.159622101	1.512838202	1	1.031120211	1.154212716
	1.772716513	1.574320602	1	0.977097224	1.316341919	1.958322021
	1.320566626	1	1.003418085	0.748158497	0.943895438	2.023328009
	1.438755426	1.425212657	1.88968817	1.222685677	1	1.134889821
	1.270358912	1.44660531	1.048277452	0.97172777	1	1.038424848
	1.820324986	1.582206324	1.36528342	1.747481287	1	1.36886459
	1.454098709	1.375816782	1.166716315	1.61015901	1.47980461	
YHR160C	YHR160C::PEX18::Peroxin; Pex18p and Pex21p are partially					
functionally redundant.	1	1.419654574	1.286747613	1.360574261	1.599374848	1
	1.241392875	1.288792126	1.502614568	1	1.25417816	1.390466573
	1.918647787	1.276335205	1	1.770673641	1.561191526	2.310087406
	1.060657723	1.118008393	1	0.793626071	0.817298316	
	1.171658923	0.94068204	0.683333094	1	0.769006665	0.874096234
	1.036954265	1	0.942523659	0.914341156	1.267942603	
	0.778429735					
YER165w	"YER165w::PAB1::Poly(A) binding protein, cytoplasmic and nuclear" 1					
	1.434076219	0.99787091	0.839099144	0.628491381	1	1.199180534
	1.296752254	0.559422048	0.648539433	1	1.231613214	0.875573037
	0.719797369	0.557726703	1	1.114984349	0.844612413	0.770474053
	0.623697992	1	0.313416281	0.17174497	0.110793205	0.258900328
	0.746784859	0.751172663	1.077839874	1.388444255	0.604671253	1
	0.831572574	0.54682951	0.609623349	0.702511888	0.489016133	1
	0.660096363	0.582048491	0.730812707	0.597936815	0.48212084	0.566528741
YHR162W	YHR162W::YHR162W::molecular_function unknown					1
	1.784960109	0.945219209	1	1.169180816	1.086799414	1.543288528
	1.509440582	1	1.896847806	1.662558337	1.637143323	1.058841455
	1.441987397	0.930876419	0.731014597	1.967975599	1	2.786742899
	3.154054915	2.124445404	1.160081078	1	1.113907072	1.20536841
	1.112182614	1.068499187	1.268499883	1	0.885026005	1.219787262
	1.219485215	1.215118774	1.024451461	1	0.929833396	0.977022723
	0.826288144	1.235709562	0.660439543	1.090151884		
YMR069W	YMR069W::YMR069W::molecular_function unknown					1
	1			1	1.328939696	
	0.826741453	1	1.225488157			
	0.132630349	1		1	0.89219739	
	1.511446367	1.847516446	1			

YER167w YER167w::BCK2::Serine/threonine protein kinase of the protein kinase
C pathway 1 0.803312358 0.841911117 1.020891378 0.714878678 1
0.939991105 0.931285555 0.798497273 0.739970237 1 0.71784476
0.837466449 0.628101105 0.884093595 1 1.327564818
1.005522156 1.062308037 1 0.874682119
0.846160336 0.906890922 0.79572243 0.937700486 1 1.039470539
1.031417603 0.627928344 0.867641394 0.817487583 1 1.09135433
0.971397104 1.457469458 1.085877827 1.19830123 0.791564082

YHR176W YHR176W::YHR176W::molecular_function unknown 1 1.113728405
1.648907706 1.371939351 1 1.475767376 1.49685336 1.614245122 1
1.373191498 1.642926947 1.760621828 1.494557592 1 1.278367231
0.902212826 1.534379574 1.975819522 1 1.387244414 1.962770853
1.098546112 1.158911868 1 0.382531178 0.560424091 0.434026272
0.613443156 1 0.56183739 1.444593661 1
0.955704064 0.600591416 0.926677295 1.024102537 0.640081149

YMR071C YMR071C::YMR071C::molecular_function unknown 1 1.216501012
1.481200095 1.039461039 1.750777799 1 0.992617992 0.967667671
1.754630975 1.580544243 1 1.018595835 1.253724384 4.338836182
1.2338679 1 1.213666069 0.777070927 1.092436778 1.144231824 1
2.290322602 2.347330224 2.748135859 1.568252346 1 1.291044813
1.52765973 1.131215073 0.904638054 1.216653734 1 1.266829913
2.423496377 2.324408809 1.475219752 1.857402264 1 1.180508612
1.991162545 1.225817515 1.582531562 1.45541225 1.344958476

YHR178W YHR178W::STB5::binds Sin3p in two-hybrid assay 1 0.756026213
0.750246158 0.8906935 0.841370968 1 0.961314589 0.920352662
0.628707948 0.832267693 1 0.931312103 0.926357134 0.9754369 1
1.410412687 1.010021969 2.05235221 1 1.388445857 1.314192379
0.939098942 1 1.069672022 0.727818707 0.982240335 0.728118272
0.883851553 1 1.046353332 0.841155866 1.056019826 0.952730795
0.839981536 1 0.849461427 0.865404867 1.34862891
0.949176408

YER169w YER169w::RPH1::Regulator of PHR1 1 1.021513583 1.050955554
1.337620217 0.826378259 1 0.995679214 1.0807602 1.298233424
1.125465888 1 0.84039247 0.987066977 0.945271635 1.341497838 1
1.18374504 1.501423567 1.379376957 1 0.919522745 1.070917039
0.722720582 1 0.939566124 0.941644044 1.069523411 0.899619502 1
0.75369223 0.738262574 0.689143506 1.174416711 0.864564354 1
0.748640121 0.904688809 1.017113863 0.919348832 0.761792884

YHR180W YHR180W::YHR180W::molecular_function unknown 1 1.133943936
1.365893802 1.276829902 1.533050309 1 1.127382042 1.109754487
1.523171606 1.710815264 1 1.16113611 1.253760152 1.725472736
1.423039951 1 0.822121177 1.095362315 1.406649352 1.691740363 1
1.266650329 2.964588584 2.522147907 1.900423074 1.059090178
0.963659894 0.723393437 1.138677735 1 1.200534782 0.717893936
1.850122968 1.320227092 0.774321339 1 1.160996156 1.699098753
0.788311604 1.287327489 0.833600872 0.917653933

YMR073C YMR073C::YMR073C::molecular_function unknown 1 1.351424418
1.055657868 1.361836242 1 1.029676207 0.991996947 1.426004892
1.33194304 1 1.010219233 1.095907586 2.19431744 1.293095459 1
0.786717898 0.569582833 1 1.365743327 1.147349698
1 0.865168514 0.960117529 0.639055462 0.90803302 0.982294447 1
0.802224182 0.946251318 0.868239248 0.998523996 1.782222136 1
1.028992197 1.035912713 1.308439665 1.375555972 1.243386042

YER183c YER183c::FAU1::Folnic Acid Utilization 1 0.88432801
0.974041755 0.938057206 1.331100604 1 0.855936576 0.698973544
1.222736358 1.12693571 1 0.6673121 0.815939196 0.963618759
0.818308033 0.726889213 0.954681788 0.362580335 1

1.254898646	1.530819367	1.541039705	1	0.958827237	1.024274053
0.782936165	0.789934803	0.842002012	1	1.005319881	1.417404738
0.938282786	0.891347893	1.593935835	1	1.068256509	1.32585937
0.985888064	1.653398366	1.017322641	1.774889805		
YMR075W	YMR075W::RCO1::Hypothetical ORF			1	0.679278667 0.816744776
0.886849186	1.027716303	1	0.888646125	0.944942235	0.97674193
0.895547106	1	0.81742931	0.927717407	0.873583556	1.001124209 1
1.134690791	0.707719387	1.366208181	1.598042301	1	1.907579493
1.009929227	0.697712252	1	0.957192743	0.889404848	0.930553547
0.852093241	1.019180241	1	0.935100122	1.145915473	0.81283055
0.929321136	0.974433652	1	0.861472143	0.915962216	0.941588351
1.147271016	0.996982707	1.072639421			
YER185w	YER185w::YER185W::molecular_function unknown			1	1.605053305
1.224758222	1.264634705	1.424234854	1	1.252014259	1.295503515
1.601915462	1.519960858	1	1.138455856	1.256290802	1.443192139
1.236830412	1	0.886679877	0.695126137	1.343949938	1.526275995 1
2.014315232	4.092531	2.241191051	1.256908031	1	1.223556333
1.095619146	1.202313884	1.107236214	1	0.782680982	
1	0.706649482	0.860221704	1.118015577		0.919405158
YMR077C	YMR077C::VPS20::vacuolar protein sorting (putative)			1	
0.838646301	1.421586479	1.150595156	1.40793239	1	1.008556559
1.272885352	1.449534439	1	0.983634507	1.365698581	1.422932807
1.25445259	1	0.849028715	0.788323808	1.146379523	1.785380218 1
1.183145189	1.535942129	0.680568721	1	0.916338397	1.180330573
0.937765184	1.064178083	1.219241678	1	1.001296312	0.869368411
0.855452858	1.653616423	1		0.629003817	1.067783942
0.548947375	1.308922184	0.599802442			
YER187w	YER187w::YER187W::molecular_function unknown			1	1.665906954
1.909086518	1.45536117	1	1.378105437	1.527323515	1.625541305
1.75824289	1	1.403082154	1.26906224	1.326605142	1.517134664
0.297829113	1	0.437893748	0.402962624	1	0.655033492 1.944738874
0.27062642	1	1.249186878	1.432064545	1.352634049	2.423192681
1.765798204	1	0.988202686	0.558416116	0.63356473	1.129355928
0.377228306	1	0.526629315	0.369831956	0.486812144	0.341771376
0.471002234	0.513115686				
YMR094W	"YMR094W::CTF13::58 kd component (Cbf3c) of the multisubunit 'Cbf3' kinetochore protein complex, which binds to the CDE III element of centromeres"				
1	0.989538945	0.984242074	1.06753115	0.793639223	1 1.032567178
1.080497893	0.865167208	1	0.841849381	1.282038485	1.421528298
1.307854789	1	0.568734188	0.30039294	0.61575659	1.003867968 1
1.080265599	2.901292306		0.688346968	0.772633681	1.051097905
0.986078187	1.045180241	1.121454032	1	0.827463698	0.655683047
1	0.698862397	1.1112238		0.88261644	0.711882332
YER189w	YER189w::YER189W::molecular_function unknown			1	0.931332773
0.726421899	1.01372322	0.498088751	1	1.119594006	1.111056381
0.645129507	0.574283962	1	0.917388279	0.842364011	0.877954726
1.141057771	0.989833538	1		0.530046069	0.420384164
0.569822575	1	0.793804994	0.917260692	1.055215056	1.066154344
0.978257431	1	0.68337684	0.432417225	0.754952632	1.066649339
0.456355211		1.418059775			0.767922225
YMR096W	YMR096W::SNZ1::Snooze: stationary phase-induced gene family; involved in cellular response to nutrient limitation and growth arrest 1				
1.621531986	1.819544159	1.595103101	1.301004656	1	1.187206896
1.210643092	1.508152237	1.462411583	1	1.82853291	4.086729643
2.856763558	1.158432325	1	1.261814855	1.084573112	1.619627859
1.092142712	1	1.223746423	2.080676187	2.675178556	1.999849483 1
0.88968815	0.8568284	1.000652036	1.031528307	0.936826259	1

	0.659132252	0.990502624	0.868208005	1.100563034	1.827366031	1	
	0.666724529	1.195627558	1.015301411	1.236783363	1.697259331	1.257396055	
YMR098C	YMR098C::YMR098C::molecular_function unknown					1	0.851974554
	0.950909781	1.289479842	1.091820593	1	1.093433219	1.277376862	
	0.758201016	1.071963242	1	0.951553758	1.018036853	0.921161928	
	1.101370314	1	1.212234878	0.911962673	1.108068153	1.282403196	
	0.935549393	1.203579539	1.356813157	1.150824311	1	0.879845581	
	0.895169883	0.834808915	0.989352415	1.170256585	1	1.027958046	
	0.741429673	0.486244781	0.821577969	1.108073423	1	1.029887026	
	0.94067073	0.910142793	1.282613222	1.194332724	1.089276219		
YMR100W	YMR100W::MUB1::Homolog of samB gene of Aspergillus nidulans (deletion of samB results in mislocalization of septa					1	0.897996374
	0.900925514	1.212229674	0.826710249	1	1.024690828	0.829859885	
	0.951442479	0.835200553	1	0.895088102	1.102154561	0.816149857	
	0.884469687	1.171771392		0.89515381	1	0.751391873	
	0.841485285	0.730539265	1	0.7655957	0.944898216	0.844050776	
	0.898025674	1	1.079014568	0.826474664	0.684172344	0.726430316	
	0.833603552	1	1.328801743	1.427243526	1.139612876	1.304466205	
	1.012952696						
YMR102C	YMR102C::YMR102C::molecular_function unknown					1	1.400723983
	1.50622815	1.786632015	1.335223995	1	1.671685825	1.597181376	
	1.422219973	1.074196621	1	1.644371553	1.880916513	1.250753145	
	1.393631054	1	1.273475847		1.393552071	0.803610484	
	0.926675969			1	0.850847909	0.996628634	
	0.914042763	0.999966174	1	1.123311489	0.98782962	0.885351905	
	1.150676106	0.553833853	1	1.015858746	0.708575639	0.859022477	
	0.729102428	0.909163619	0.851106531				
YHR182W	YHR182W::YHR182W::molecular_function unknown					1	0.825586379
	0.958185954	1.095005163	0.972295217	1	0.984033529	1.086130434	
	0.974605595	0.930726416	1	0.892046555	0.844992485	0.82509012	
	0.945990377	1	1.073670504	0.830630736	0.866888569	0.84984419	
	0.987262101	1.151731422	1.138512477	0.898575094	1	1.113814391	
	1.654440273	1.29766036	1.312798772	1	0.758971732	0.613960123	
	0.710254855	1.478155721	1.145883145	1	0.649333453	0.608860857	
	0.733126187	1.053730033	0.338692545				
YHR184W	"YHR184W::SSP1::Involved in the control of meiotic nuclear divisions & spore formation; dispensable for mitosis, premeiotic DNA synthesis, recombination, meiosis I, meiosis II, & initiation of prospore walls; required for spore wall elongation"					1	1.256537624
	1.368803356	1.309098618		1	1.070530769	1.293702404	
	1.736183905	1	0.996638899	1.848444568			
	0.256116739		0.23482095	1	1.059169423	1.102156862	
	0.775840572	0.789779905	1.044339356	1	0.941642638	1.205549339	
	1.414561727	1.372497584	1.477800965	1	1.045467432	1.285767839	
	0.848515077	1.280528502	0.908650133	0.924658939			
YHR186C	YHR186C::KOG1::<u>K</u>ontroller <u>O</u>f <u>G</u>rowth					1	
	1.37328579	1.428921936	1.544554839	1.430292769	1	1.470923288	
	1.385998052	1.323749869	1	1.312084407	1.330170561	0.954224845	
	1.249268654	1	0.576559192	0.42000838	0.386644444	0.576608956	
	1.133431438	0.988458447	0.677264061	0.703816786	1	1.785029643	
	1.037840881	1.169307919	0.896094061	1.901637141	1	1.201071421	
	0.58224248	0.980003072	0.505782052	0.680184402	1	2.838712994	
	0.9716049	0.696759996	1.682206677	1.970033117	0.931663945		
YFLTyA	YFLTyA					1	0.803091552
	0.948761725	0.943685503	0.804781281	0.732101984	1	1.37257012	
	1.529559023	0.574624975	1.317889651	1	2.03824843	1.052775286	
	0.769931913	1	0.468195479	0.637716794	0.490464566	0.844127903	

0.994375348 1.469218175 1.432725397 1.387639454 0.971923157 1
1.427198623 1.691741167 2.685145732 4.612349386 1.730143817 1
1.72052603 2.33116592 2.257034741 1.440127005 1.513815088 1.309933549
YHR200W "YHR200W::RPN10::homolog of the mammalian S5a protein, component of
26S proteasome" 1 1.096386206 1.452217248 1.122657037 1.236420655 1
1.16681051 1.355038184 1.351476936 1 0.992547811 1.387556011
1.909792289 1.057077516 1 1.315987931 1.106366996 1.476593271
1.688803083 1 1.243862989 1.387359174 1.874099605 1.206631763 1
0.996221525 1.099376896 1.019239257 0.898831421 1.13025229 1
1.09622296 0.873273511 1.08012627 0.886306369 1 0.889793263
0.785160751 0.632897697 0.75935186 1.034111939
YFL001W YFL001W::DEG1::Similar to rRNA methyltransferase (Caenorhabditis
elegans) and hypothetical 28K protein (alkaline endoglucanase gene 5' region)
from Bacillus sp. 1 0.807518153 0.879171969 0.880716886 0.992096661 1
0.790044757 0.847050262 0.986864839 1.009616992 1 0.490706301
0.696299699 0.769272077 0.869513807 1 0.549637085 0.531251509
0.666597573 0.823923754 1 0.662364908 1.26299572 0.743918919
0.454715926 1 0.719983888 0.681990572 0.617087331 0.694609457
0.8428446 1 0.791070257 0.947452375 0.717172953 0.955950884
1.252739787 1 0.770501061 0.786735337 0.944316827 1.099022774
0.966125853 0.923783274
YHR202W YHR202W::YHR202W::molecular_function unknown 1 0.918406105
1.082201388 1.08855237 0.970128644 1 1.200967672 1.068247417
1.128218004 1 1.208759376 0.974633089 0.99480524 1
0.713228473 1.246411845 0.805561217 1 1.128759188 1.56639632
1.35707993 1.378611503 1 1.388089638 1.194720698 1.433068746
1.360924316 1.332255042 1 0.951678972 0.556689364 0.951783315
0.688043518 0.2718449 1 1.01311479 0.584515287 0.918699314
0.69299807 0.788013303 0.651464271
YFL014W "YFL014W::HSP12::induced by heat shock, entry into stationary phase,
depletion of glucose, and addition of lipids (fatty acids)" 1 0.8431227
1.491205313 2.307022751 4.286699969 1 0.923585184 1.692261299
4.997992699 7.338105844 1 0.774863464 1.728084793 12.6834688
5.827443901 1 1.071060918 9.809913789 14.41272318 1
1.11676329 2.343586309 18.58903174 11.04645529 1 0.801514799
1.000994003 1.201024016 0.550117341 0.593842365 1 1.084378885
1.609169944 2.308075794 5.77388997 2.388224404 1 0.863218556
1.215867524 0.914206281 0.977978556 16.64117533 0.872121497
YHR204W YHR204W::MNL1::mannosidase like 1 0.784240719 0.692984335
0.784248289 0.582823004 1 0.835757898 0.800074983 0.668521319
0.605402339 1 0.925825441 0.726470035 0.497274513 0.752460858 1
0.87470434 0.533819977 0.69007362 0.751805317 1 0.751769083
0.921624927 0.711588951 0.387960903 1 1.31600836 1.370885475
2.333933131 1.427327419 1.417851164 1 1.441210768 1.894168171
1.902617691 1.578239022 1.45569588 1 0.775684333 0.91445171
0.64228914 0.989068486 0.545953719 1.237256701
YFL016C YFL016C::MDJ1::involved in protection against heat-induced protein
aggregation but not necessary for protein import into the mitochondrion 1
0.621504982 0.823405511 0.829332762 0.523666997 1 0.797160754
0.947955328 0.791521375 0.707257476 1 0.865654828 1.128543402
1.232551361 0.766186177 1 1.000583378 1.471589418 1.65874469
1.515097774 1 1.316044714 1.577787022 2.248849903 1.855580901 1
1.405893482 1.343751274 1.242423691 0.93463585 1.072713016 1
1.645326524 0.851874592 0.774646436 0.687204346 0.831912049 1
1.322280274 0.749094791 0.685606604 0.514813546 1.14751656 1.000838238
YHR206W YHR206W::SKN7::Protein with similarity to DNA-binding region of heat
shock transcription factors 1 1.018964466 0.862027754 1.177984161

0.889420443	1	0.95293602	0.986535338	0.726010976	0.850391279	1	
0.725314717	0.662219569		0.897733899	1		1	
		1	0.60033392	0.49233856	0.54193806		
0.55382992	0.531697576	1	1.391922144	1.04192096	1.790612685		
0.870434861	1	1.10387227	0.986189682		1.328858952	0.529691074	
1.105037457							
YHR208W	"YHR208W::BAT1::branched-chain amino acid transaminase, highly similar to mammalian ECA39, which is regulated by the oncogene myc"					1	
1.121562085	0.925290205	0.884658806		1	1.07702635	0.995097607	
0.701765233	0.850268076	1	1.216810055	0.901021254	0.548023629		
0.829140482	1	1.016948914	0.464239474		0.854774183	1	
0.49573396	0.253364776	0.240863655	0.654621171			0.751047202	
0.81432275	0.998641622	0.652586686	1	1.689684182	1.359077524		
2.407949942		1		0.873721769		1.01635981	
0.602743701	0.946549518						
YFL018C	YFL018C::LPD1::an FAD flavoprotein which contains a pair of redox-active cysteines involved in the transfer of reducing equivalents from the FAD cofactor to the substrate					1	
0.722539246	1	0.941950701	1.129220307		0.969345919	1	
0.882502415	0.978121218	0.920309913	0.965672184	1		1.620014023	
1.333975901	1.435342289	1.116418918	1	1.151735034	0.793633962		
0.939409399	1.311795483	1	0.903824552	0.797342571		0.902605519	
1.127416608	1	1.154784213	0.807245304	1.056675376	0.864011931		
0.629638031	1	0.860892704	0.63078602	0.751907049	0.53304182		
1.32554448	0.912400256						
YHR210C	YHR210C::YHR210C::molecular_function unknown					0.92346525	
0.983938778	0.948187797	0.872261352		1.010957854	0.944608536		
1.025913539		0.830680461	0.822903823	0.810984811	0.79102314	1	
1.522435148	1.645514394	1.766414622	1.387917818	1	0.972174527		
2.055712813	1.077244666		1	1.097501306	1.352395745	1.427375293	
0.946090521	1.246305841	1	1.184966013	1.48258939	0.914472116		
0.588834335	0.729984187	1	1.367805232	1.397394732		1.216606151	
1.088372011	1.277535408						
YFL020C	YFL020C::PAU5::member of the seripauperin protein/gene family (see Gene_class PAU)					1	
1.047534476	1.199156537		1.423721338	1	1.243852922	1.378495419	
2.221451539	1.346699906	1	1.428448669	1.398654939	1.74302197		
1.798078501	1	1.492405414	2.270103662	2.062363343	0.900162631	1	
1.048234042	1.15318533	0.955888024	1.025396168	0.934488491	1		
0.876845795	1.51999076	1.20620535	1.340230841	1.738267583	1		
1.119625008	1.24674799	1.343337203	1.350991972	1.718900043	1.678571256		
YIL005W	YIL005W::EPS1					1	
0.773480408	1	0.752657679	0.940735277	0.642113602	0.629641262	1	
0.81144526	0.91345599	0.419521293	0.846863073	1	0.995641741		
0.808321429	0.936811263	0.666497521	1	1.03994689	1.008704434		
0.828427926	0.876783934	1	1.085142901	1.212585545	1.06882712		
1.034000566	0.952442849	1	1.15425272	1.033411944	1.077330678		
0.920334024	0.860979085	1	0.922259498	0.92888081	1.023001375		
0.890930069	0.992623943	0.80732532					
YFL022C	"YFL022C::FRS2::Phenylalanyl-tRNA synthetase, beta subunit, cytoplasmic"					1	
0.983831621	0.944794299	0.637463129	0.635089738	1	0.808545436		
0.773464906	0.629460665	0.632511072	1	1.057905652	1.190802259		
0.757677445	1.167222457	1	0.905936297	0.672412093	0.887703959		
1.107478437	1	1.108300928	0.873871624	1.190851912	1.158959915		
0.766520995	1	0.871884599	0.70531372	0.597120217	0.646314044		

0.526550542 1 0.927896093 0.861691577 0.992458288 0.962610682
0.849756661 0.873872775

YFL024C "YFL024C::EPL1::Enhancer of Polycomb-Like (from *D. melanogaster*). Subunit of the Nucleosomal Acetyltransferase of H4 complex (NuH4). May be required for silencing in *S. cerevisiae*, based on analogous functions within other eukaryotes." 1 1.348734108 1.453906601
1.657484658 1.595845729 1 1.363104667 1.512725044 1.402918008
1.495008858 1 1.298590908 1.479279792 1.536392564 1.548151034 1
2.240989079 2.667149882
0.807639319 1
1.460114622 0.825853184 1.912362829

YFL024C "YFL024C::EPL1::Enhancer of Polycomb-Like (from *D. melanogaster*). Subunit of the Nucleosomal Acetyltransferase of H4 complex (NuH4). May be required for silencing in *S. cerevisiae*, based on analogous functions within other eukaryotes." 1 1.106584449 1.023617125
1.220716594 0.965220675 0.92986434 1 1.773276697
1 0.921809834 0.929701238 0.891719935 1.036962839 1.565615701

YFL038C YFL038C::YPT1::involved in the secretion pathway at the ER-to-Golgi step; required for sporulation 1 0.965661008 1.220431171 1.041173344
1.405504522 1 0.960362504 1.088709859 1.506247492 1.547805133 1
0.876241971 1.248356083 1.486652945 1.371770488 1 0.9210915
0.832730822 0.870698107 2.141761767 1 1.619046126 1.751536014
2.041217325 1.693965075 1 1.217718884 1.280561751 1.572783541
1.150852663 1.253722407 1 1.079603913 1.880750397 1.267113232
1.143911989 1.717651257 1 1.150609458 1.217308353 1.149842492
1.260382222 1.326920651 1.244261707

YFL040W YFL040W::molecular_function unknown 1 1.283397515
1.314136304 1.413474603 1.334042952 1 1.356747724 1.571605628
1 2.022494282 1.912582549 1.670426274 1 0.961116677
0.754690925 1.117284297 1 1.440953258 7.643066508
1.750477713 1 1.047927489 1.223342031 1.173157688 1
0.860643929 2.739283096 1 0.825063725 1.061344821
1.279502507 0.69400495 1.743963917 0.895763354

YIL007C YIL007C::molecular_function unknown 1 0.939765444
1.392433088 1.065703468 1.376657331 1 1.11869664 1.08023267
1.433406863 1 1.1719764 1.68764765 1.405185699 1
1.252716111 1.005283207 1.527162827 1.505133141 1 1.034670378
1.690767012 2.085829526 1.203200181 1 1.11832387 1.242225718
1.01677768 0.944143201 1.1783863 1 1.067798134 0.992551113
1.320848355 1.25075654 1.116738973 1 1.278628678 1.034728254
1.15218855 1.042408973 1.390316468 1.278411073

YIL009W "YIL009W::FAA3::acyl-CoA synthetase (long-chain fatty acid CoA ligase) (fatty acid activator 3), activates endogenous but not imported fatty acids and provides substrates for N-myristoylation" 1 0.782263517
0.607036624 0.903923377 0.60334651 1 0.866046746 0.800087447
0.566404817 0.662076297 1 0.707469637 0.592933 0.345541175
0.738151755 1 0.795058029 0.516985651 0.682935539 1
0.591724012 0.406408291 0.440325834 0.535009106 1 1.174156408
0.927565785 0.973551959 1.015860124 0.99955158 1 1.172542201
0.946540385 0.794820274 0.654715757 0.398746309 1 1.149060889
0.965491818 0.725536872 0.62780808 0.583109482 1.23375425

YIL011W YIL011W::TIR3::TIP1-related 1 1.409080084 1.303258918
0.93460561 1.13548155 1 1.180655625 1.00196032 1.018615892
0.999843494 1 1.232915375 0.970322482 1.191392959 1.039532459 1
0.769560599 0.611864303 0.550304026 0.901469055 1 0.981650397

0.963493514 0.614520191 0.782592928 1 1.122567545 0.884727322
 0.959323394 1.417595644 1.016657832 1 0.851346865 0.904395014
 0.662207171 0.859359394 0.894786926 1 0.798083305 0.74139488
 0.731482479 1.009398557 0.959747228 0.991206341
 YFL042C YFL042C::YFL042C::molecular_function unknown 1 0.718973642
 0.902765683 0.902549676 0.660129134 1 0.995884858 1.170545657
 0.956923574 0.71229297 1 1.437410133 1.645399958 1.161895525
 1.04242359 1 2.258613717 1.081876189 1.751334228 1
 2.037203365 3.545875376 2.518515282 1.842818458 1 1.459137768
 1.683042427 2.512871776 1.223750811 1.190672093 1 1.920109904
 1.775018911 2.800342647 1.97796301 0.970700317 1 1.626907252
 1.592044163 1.26650631 0.778972242 1.512552044 0.98245011
 YIL013C "YIL013C::PDR11::ATP-dependent permease, member of ATP-binding
 cassette (ABC) transporter family" 1 1.727184543 1.502823044 1.631063618
 1.678780975 1 1.618254132 1.354446154 1.500557186 1
 1.372180416 1.664912354 1.649113356 1.672172963
 0.790790925 1 0.445371808
 0.925291758 0.763851702 1
 1.131957742 0.807342197 2.007478068 0.542252365 10.41029368
 YIL013C "YIL013C::PDR11::ATP-dependent permease, member of ATP-binding
 cassette (ABC) transporter family"
 1 0.910459173 0.816380023 0.886708891
 1.0199047 0.942039736 1 0.938402769 0.80817941 0.789085311
 0.563241765 0.838257573 1.101051423 0.764292483
 1.045845379
 YFL044C YFL044C::YFL044C::molecular_function unknown 0.863132156
 0.840447656 1.120382263 0.827228833 0.914099634 1.034675813
 1.11563317 0.970157349 0.921102846 1.312626857 1.043529446
 1.091572744 1 1.110512108 1.01989285 1.444370939 1.687642916 1
 1.42491883 2.072228497 2.281592318 1.232585316 1 1.112140339
 1.685280656 1.686246166 0.993326936 1.017950387 1 1.066492282
 1.292101528 1.530812373 0.959610215 0.481114683 1 1.232875143
 1.357067897 1.231552766 0.604863011 1.026981815 1.024480042
 YIL015W YIL015W::BAR1::extracellular protease synthesized in a-cells that
 cleaves and inactivates alpha factor 1 1.159335108 1
 1.473112898 1 0.969569562 1
 1.068141324 0.798578939 0.929534407 0.818226722 0.895244416
 0.608311169 0.747521394 1.059955676 0.904594842
 1 0.760608584 0.692742701 0.874987408 1.198415848 0.87204257
 0.816028394 0.642801323 0.718887286
 YFL046W YFL046W::YFL046W::molecular_function unknown 0.96902287
 1.306224195 0.784938517 1.385241098 0.900781653 0.845754119
 1.648275064 1.21300642 0.940392926 1.09473706 1.290096832
 1.004442736 1 1.257259084 0.954382779 1.097275474 1.715571613 1
 1.184607151 1.71716059 1.774982142 0.886188548 1 0.630287356
 0.709650119 0.312856655 0.495244304 0.740488474 1 1.038488336
 1.241866769 0.915041626 1.271015516 3.190831801 1 0.9543751
 1.153370096 0.957154019 1.66823192 1.684292778 1.555108244
 YIL029C YIL029C::YIL029C::molecular_function unknown 1.072450967
 1.034046735 0.958251115 0.955473755 0.901992366 1.034675813
 1.228256442 1.100255102 1.010319615 1.059832407 1.256208506
 1.017169605 1 1.161516249 1.485317996 2.422936706 1.634616749 1
 1.278509889 3.228455914 4.602490188 1.584372233 0.817142899
 0.968902625 0.969311347 1 1.096784294
 0.974916087 1.259955435

YIL031W YIL031W::ULP2::Peptidase that removes SUMO-conjugates from proteins
1 0.723564701 0.818876254 1.181253626 0.863658143 1 0.991249834
1.104423195 0.806012065 0.749150946 1 0.857128748 0.826933258
0.521068924 1 1.193038538 0.726202928
0.378354261 1 0.833961528 0.934631252 0.999341847
0.857491433 1.090057414 0.842181958 1.017939695 1.162025937
0.828126582 1 1.218799309 1.003223409 1.165985158 0.849018693
1.022322933 0.894887689
YFL048C YFL048C::EMP47::47 kDa type I transmembrane protein localized to the
Golgi 0.946859695 0.965717653 1.037639458 1.085676589 0.975846761
0.930329557 1.154057569 1.061845274 0.869260691 1.0312741
0.8764245 1.072971901 1 1.369445558 1.304482876 1.375655497
1.065132991 1 1.516324342 1.220731098 1.707208339 1.032684049 1
0.985878199 1.088925303 0.9147109 0.95062879 0.919278197 1
1.159379977 1.662918965 0.997698998 1.007104783 1.278770413 1
1.410386023 1.5138927 0.965036245 1.274951155 1.241332732 0.921156488
YIL033C "YIL033C::BCY1::Involved in heat shock resistance, glycogen
accumulation, and sporulation" 1 0.812704486 0.899621852 1.065604792
0.556536957 1 1.016600549 1.117639521 0.936931064 0.979862588 1
0.948197434 1.220131896 1.468232013 0.891160215 1 2.737409111
2.696244082 2.737235492 1.186731753 1 1.479122719 1.221956577
1.137699181 1.384659595 1 1.115036989 1.214976711 1.645184378
1.163061425 0.925115996 1 1.14899166 0.929382214 1.234077168
1.03468045 0.735832643 1 1.171029028 0.981464002 1.06985622
0.788030814 1.243333545 0.824837783
YFL062W "YFL062W::COS4::Protein with strong similarity to subtelomerically-
encoded proteins such as Cos5p, Ybr302p, Cos3p, Cos1p, Cos4p, Cos8p, Cos6p,
Cos9p" 1 1.295244961 0.999326213 1.057766696 1.148202755 1
1.134984143 1.057876606 1.073357331 1.150904368 1 1.10182274
1.119450498 1.385581673 1.008888582 1 2.385565582 2.175004501
2.603026355 2.947365691 1 1.184713611 1.582520063 2.126166112
1.572395127 1 1.038334662 1.056296864 1.190012357 1.077021263
0.959077551 1 0.989227779 1.239560812 0.978952272 0.861477453
1.025648228 1.233995697 1.196936678 1.070843605 1.276353734
1.238779706 1.484182726
YIL035C YIL035C::CKA1::alpha subunit of casein kinase II 1
0.716751693 0.842323539 0.888264243 1.108168656 1 0.707508618
0.807471477 0.870685118 1.035412241 1 0.744324489 0.830737636
0.778419876 0.85996823 1 1.402152052 0.967540658 1.008071009
1.111327199 1 1.677106502 1.553094068 1.480854727 1
0.939360345 1.121013773 0.933542913 0.797180061 0.944606144 1
1.087435781 1.196745778 1.074327366 0.982681628 1.199708464 1
1.163903486 1.229597616 1.094002394 1.218950091 1.401687379 1.196102433
YFL064C YFL064C::YFL064C::molecular_function unknown 1.239905971
0.961162371 1.404391423 0.641224667 1.556996224 1.73654191
0.874486835 0.766957116 1.177902462 1.233298031 0.507157627
1.119963468 1 0.622868049 0.526308082 0.718008882 0.689975369 1
0.580797512 0.448004177 0.615563387 1 0.720003669 0.706115352
1.005522233 1.164476066 0.900025383 1 0.737488412 0.43457896
0.76593385 1.105148332 0.451435677 1 0.622188566 0.547489029
0.97780332 0.514919279 0.754787878
YIL037C YIL037C::PRM2::pheromone-regulated membrane protein 1
1.394210757 1.269145663 1.034202977 1.176183314 1 1.310487975
1.143387422 1.255292381 1 1.204215797 1.234234549 1.126801227
1.348607485 1
1.096535393 1.080969479 0.981492304 0.915083082

	1.139136323		1		1.121762802	
	1.060729178	1.172460524				
YFL066C	YFL066C::YFL066C::molecular_function	unknown	1	0.666285986		
	0.629821999	0.837624403	0.313882241	1	0.956044307	1.04341544
	0.564587018	0.440829138	1	0.880169679	0.878714544	0.192210831
	0.705374328	1	0.881917008	0.632558719	0.97053909	0.657070454
	0.819408915	0.461983938	0.506968569	0.58429585	1	0.66153118
	0.798982283	0.986850885	0.959185906	0.757310885	1	0.884133154
	0.524104331	0.876452344	1.255697421	0.470173176	1	0.713412063
	0.661570605	0.971037864	0.564810346	0.864345076	0.541135607	
YFL068W	YFL068W::YFL068W::molecular_function	unknown	1	0.777320271		
	0.875804452	0.80696471	0.625755478	1	0.938055185	0.966843092
	0.858331599	0.945758126	1	0.902969969	0.87034395	1.131735794
	0.80977646	1	0.950975122	0.549567704	1.009971483	1.119688911
	0.857017389	0.921118364	0.914273417	0.878405532	1	0.859699339
	0.996248823	1.871457655	1.422694881	1.100529168	1	0.898706504
	0.996789319	1.411926324	0.990951054	1	1.100552273	1.04411405
	1.370505994	1.073278945	1.52871882	0.87825089		
YFR002W	"YFR002W::NIC96::Part of complex at nuclear pore containing in addition NSP1p, NUP49p, and p54"		1	0.763639714	0.821532259	0.971200982
	0.755001163	1	0.926313132	0.958244546	0.821747771	0.70194899
	0.756046944	0.784109371	0.463153007	0.913374905	1	0.563308516
	0.792302305	0.806448049	0.927180503	1	0.965651995	1.143144989
	0.788594646	1.207028996	1	0.917851842	1.068322247	1.008815877
	0.997299687	1.058607237	1	1.007276463	0.773129833	0.728206357
	0.807221772	0.829302365	1	1.020148384	0.957034666	0.969635724
	0.962882022	0.952231967	1.06651008			
YFR004W	YFR004W::RPN11::Suppressor of mutant (ts on glycerol) tRNA gene deficient in the processing of its 3'-end; homologous to S. pombe PAD1 gene - global positive regulator of nuclear transcription and is involved in maintenance of chromatin structure		1	0.763560726	1.069835795	0.905957995
	1.044339733	1	0.855835627	0.884876547	1.209262667	0.998181915
	0.781028557	1.189839013	1.549619405	0.987445231	1	1.215331764
	1.072960738	1.655491484	1.979211751	1	1.743713025	2.86570991
	3.249102542	1.62362533	1	1.019447725	1.549712662	1.165237834
	0.910917055	0.978671922	1	1.076771291	1.382202829	1.156998839
	0.767740843	1.311056247	1	1.306955307	1.71764237	1.243920811
	1.394311224	1.384775257	1.158450512			
YPL189W	YPL189W::GUP2::Involved in active glycerol uptake		1			
	1	1.32387256	1.751933772		1	
	1	0.916605191		1.224891918		0.130386708
	1		0.936978848	0.937182092	1	
	0.689876172	0.953028921	1.63829991	1.441644913	1	0.725227349
	1.087962286	0.621205291	1.117313127			
YPL191C	YPL191C::YPL191C::molecular_function	unknown	1	0.999649136		
	0.983893311	1.329403857	1.170582416	1	1.220128935	1.344461065
	1.02276786	1	1.352874653	1.249173971	0.942111679	1.148435777
	1.464946985	1.850310977	1.031793845	1.51007837		0.698500228
	0.934935256	1	0.884685729	1.36724818	1.243101351	0.990382853
	1.071066821	1	1.043883927	1.160400569	1.754632604	1.849925351
	1.15733028	1	1.721046291	1.732882701	0.697032168	1.522433744
	1.036738829					
YPL205C	YPL205C::YPL205C::molecular_function	unknown	1	0.7767113		
	0.853618028	1.124933234	0.805413855	1	1.012188788	
	0.905188489	1	1.094976785	0.948579529	0.553969774	0.984001438
	1.989870819		1.799990714			1
	0.898655069	0.958766288	1.008305048	1.178297416	1.398675804	1

	0.781573952	0.548454691	0.679338612	0.821948145	0.522522709	1	
	1.001413082	0.612950436	1.249193569	0.528072493	0.905089603		
YPL207W	YPL207W::YPL207W::molecular_function unknown					1	0.901550252
	0.807988711	0.990065846	0.797373501	1	0.819494286	0.833850467	
	0.919388657	0.821066387	1	0.666351202	0.44951818	0.333296137	
	0.973815719	1	0.625255192	0.319557175	0.333409985	0.342713361	1
	0.599324701	0.318933464	0.29032335	0.603767867	1	0.829788993	
	0.606490939	0.570176862	1.218691833	0.95729071	1	0.766893577	
	0.385832801	0.308489823	0.541786859	1.134527817	1	0.598623097	
	0.383010683	0.673813531	0.897366984	0.463443883	0.718011674		
YPL209C	YPL209C::IPL1::Regulation of yeast chromosome segregation					1	
	0.417161937	0.610409121	1		0.452463886		1
	0.368532497	0.405014566		0.578800651	1	0.462745144	
	0.233314444	1					
	1						
	1.020101927						
YPL211W	YPL211W::NIP7::Nip7p is required for 60S ribosome subunit biogenesis						
	1	1.487784614	1.050686941	0.851050629	1.331043948	1	0.922884468
	0.776470037	1.249374844	1.432772928	1	0.724308152	0.474195008	
	0.543685102	1.093379894			0.335860982	0.214105295	0.71102961
		0.330561682	0.783763657	1	1.087859047	0.801634399	1
	0.846930739	1.173636392	1.040235685	1	0.807433186	0.843119464	
	0.472660185	0.883625332	1.353848959	1	0.959325066	0.7104801	
	0.805741884	1.443948145	0.506873123	1.42026211			
YPL213W	YPL213W::LEA1::Looks Exceptionally like U2A					1	0.939107524
	1.072008366	1.147160296	1.667050137	1	1.031563444	1.28694472	
	1.505609378	1	0.919540352	0.980748856	1.245580705	1.152807674	1
	0.902459808	1.012788252	0.824921082	1.299986022			
	1	1.023080031	1.051280963	0.905703739		1.087225837	1
	0.99940688	1.407252504			1	1.366473704	
	1.3092672	1.161077402					
YPL215W	YPL215W::CBP3::Protein required for assembly of ubiquinol cytochrome-c reductase complex (cytochrome bc1 complex)					1	0.937923598
	1.069148399	1.012131806	1.255137764	1	0.980952425	1.221638414	
	1.185289266	1	0.852782435	0.935458347	1.119041145	1.007229853	1
	0.979796706	0.72914621	0.959653079	1.084657789	1	2.292739967	
	1.765439192	1.710653737	1.683185126	1	0.97765365	0.972508723	
	0.719035241	0.952480323	1.000182027	1	0.90372087	0.815900167	
	0.722094409	0.654364371	1.247273155	1	1.228470221	0.99960998	
	1.220722434	1.732228275	2.153211876	1.269654842			
YPL229W	YPL229W::YPL229W::molecular_function unknown					1	1.073185683
	0.978642648	0.87414804	1.006134674	1	1.231968078	1.032454112	
	0.819482476	0.987618424	1	1.252622668	1.083829317	1.271358889	
	0.746373345	1	0.850499669	0.705436735	0.70870207	1	
	1.10016223	1.317029069	1.222612401	1.309207854	1	1.027736815	
	0.85102952	0.922001524	0.775390414	1.149967538	1	0.922704996	
	1.043603817	1.045031576	0.748950269	0.899175673	1	1.305710098	
	1.095647119	1.294505568	1.189799201	1.206928438	1.09453		
YPL231W	YPL231W::FAS2::Trifunctional enzyme					1	1.099523403
	1.006068637	0.663534483	1	0.988844901	0.884059655	0.721813274	
	0.82615154	1	1.113386221	0.854017861	0.604921502	0.910719711	1
	0.836077714	0.579043193	0.690619457	0.59858612	1	0.750962082	
	0.41485802	0.580438462	0.475347909	1	1.6360152	1.106034774	
	1.4586948	1.90200501	1.321147349	1	1.104946197	0.721601044	
	0.580184853	0.728551149	0.709651326	1	0.783146912	0.763375255	
	0.85105477	0.904036343	0.628357943	0.779305347			

YFR018C	YFR018C::YFR018C::molecular_function	unknown	1	0.699570576
	0.72821079	0.674358724	0.346179323	1
	0.836805585	0.937239833		
	0.7889157	0.757652665	1	0.915010885
	0.878147753	1.015910138		
	0.801838906	1	0.363435486	0.268895339
	0.674646794	0.703835011	1	
	0.665801122	2.014081956	0.706528426	1
	0.869699387	0.942395176		
	1.33223486	1.641637326	1.244896141	1
	0.599412257	0.350284422		
	0.81937142	1.590083228	0.609756141	1
	0.762877205	0.417592535		
	1.128793532	0.565810203	0.948348955	0.625195524
YFR020W	YFR020W::YFR020W::molecular_function	unknown	1	1.044092053
	0.919544063	0.992046445	1	0.956960982
	1.043802332	1.021218078	1	
	0.90115524	1.047683961	1.246107916	0.866828363
	1	0.518720927		
	0.482140757	0.872675561	1.07354563	1
	1.104624545	3.611056843		
	2.318473516	1.222234764	1	1.040876471
	1.431308588	1.585304764		
	1.082589917	1.215890169	1	1.387072086
	1.407190107	0.955686438		
	1.205622271	1	1.162350328	1.453591711
	1.464315967	1.0408541		
	1.381005168	1.112918128		
YFR022W	YFR022W::YFR022W::molecular_function	unknown	1	0.94145303
	0.888704006	0.832028356	0.711487825	1
	0.923824674	1.023383746		
	0.744674476	0.74324617	1	1.00166616
	0.978825346	0.769379441	1	
	0.952077792	0.883303253	1.524360662	1.032578632
	1	0.874186473		
	1.439810383	0.686687288	1	1.011485624
	0.858946699	1.036774851		
	1.04227104	0.947783242	1	0.869393115
	0.709115397	1.066181775		
	0.907675226	0.87352727	1	0.783745249
	0.770938362	0.964589664		
	0.860918353	1.245912863	0.973693878	
YFR024C	YFR024C::YFR024C::molecular_function	unknown	1	0.891579191
	1.199171852	1.024091225	0.970316239	1
	0.949388339	0.950867047		
	0.99504471	1.084836369	1	1.197136842
	1.393400883	1.421092494		
	0.941383906	1	1.846729101	1.617329849
	1.903479032	1.8318172	1	
	2.082628427	2.160174143	2.344388891	1.394200054
	1	1.567661312		
	2.099160609	2.367615671	1.213156112	1.121175315
	1	1.559994179		
	2.357317893	2.408777817	1.222800423	0.780585996
	1	1.441492317		
	1.748706973	1.00133862	0.779643186	1.030195282
	1.089276219			
YFR026C	YFR026C::YFR026C::molecular_function	unknown	1	1.234979382
	1.257595825	1.122897455	1.45938964	1
	0.994805119	1.011014245		
	1.575895473	1	1.069022999	1.034432824
	1.628037765	1.350452753		
	0.267115492	0.430362406	0.612008045	1
	1.415899833	2.87220199		
	2.390603963	1.312963417	1	0.690946786
	0.968323524	0.730457915		
	0.997603323	1	0.785494399	1.00219802
	0.705096224	0.750319613		
	1.178554958	1.13687084	0.892032773	1.403625311
YFR028C	YFR028C::CDC14::Required for mitosis and sporulation	1		
	0.821811929	0.752294003	0.851816755	0.849351292
	1	0.879039772		
	0.833416554	0.829894204	0.842064673	1
	0.772574604	0.697109403		
	0.62164721	0.86650503	1	0.528995557
	0.374662212	0.431069966		
	0.553047419	1	1.055453921	1.06761689
	1.038903079	1.131908244	1	
	0.8431853	0.787578351	0.738161865	0.806446199
	0.788703034	1		
	0.756411023	0.62422866	0.687402478	0.667772176
	0.947363021	1		
	0.724712484	0.694113581	0.853810417	0.762635321
	0.989618453	1.071763756		
YFR041C	YFR041C::YFR041C::molecular_function	unknown	1	1.028734187
	1.26725682	1.099383767	1.71882533	1
	0.998363014	0.997492088		
	1.48083204	1.315754274	1	1.128467486
	1.234642724	1.464496611		
	1.243506614	1	1.477212249	1.244116701
	1.177591603	1.330728221	1	
	1.869364695	1.688314915	1.561402895	1.104834526
	1	1.135729098		
	1.458836275	0.969707285	0.665532811	1.123041756
	1	1.196140947		
	1.903922669	1.735242486	1.388452254	1.64202569
	1	1.527841691		
	1.553953234	1.264378626	1.521243434	1.719697511
	2.093617012			
YFR043C	YFR043C::YFR043C::molecular_function	unknown	1	1.220946215
	1.348408174	0.978753072	1.372390746	1
	1.009635303	0.930627775		

1.522793885 1.334592873 1 1.38723891 1.354154878 2.008295255
1.282145283 0.484903062 0.404540642 0.508860637 1
2.321078382 2.945572079 1 0.936293103 1.083290117
0.859291124 0.765323022 0.938963091 1 0.922466539 1.45611129
1.178205711 1 1.246329822 1.337842808 1.346609381
1.69422855 1.543725122
YFR045W YFR045W::YFR045W::molecular_function unknown 1 1.136134328
1.376577171 1.041643734 1.247789346 1 1.008359399 1.056598209
1.495949947 1.190323681 1 1.146034184 1.401712878 1.854785281
1.209401522 1 1.675525732 1.74542357 1.703938214 1
2.524856181 3.269174752 3.011233707 1.730615206 1 1.098672506
1.195765834 1.270417763 1.162731478 1.15720516 1 1.457726462
1.480185609 1.164117259 0.908316569 1.27858846 1
0.903393118 1.289444856 0.956424451 1.146191829
YFR047C YFR047C::BNA6::Biosynthesis of Nicotinic Acid 1 1.552123042
1.583659345 1.278960988 1.320862285 1 1.222039197 1.212528137
1.278616577 1.272574007 1 1.52089821 1.813261139 1.446757161
0.578905332 0.400212021 0.521546832 1.189785028
0.756002224 0.257650762 1 1.053801926 0.88233148 1.044899989
1.173723765 1.114976293 1 1.62769268 1.727230601 1.033680449
1.082689264 1.470051855 1.062418063 1.18695036 0.867858906
0.730562399 1.044619396
YPL233W YPL233W::NSL1::Nfn1 Synthetic Lethal 1 0.865594772
0.802866671 0.6921311 0.886252888 0.88309915 0.797637957
0.735981422 0.989823848 0.8006918 0.685948256 1.091572744
1 0.875353585
0.912094229 0.960800197 0.789324681 0.823221978 1 0.910030438
1.070793657 1.030913308 1 0.88982667 0.764481607 1.045942865
0.428127957 1.274915818 1.048997512
YPL235W "YPL235W::RVB2::RUVB-like protein, TIP49b Homologue" 1
0.695434127 0.739571008 0.784607104 0.600741122 1 0.880390097
0.75789302 0.710980137 0.656333682 1 0.639473745 0.686902409
0.512893849 0.915273349 1 0.683980515 0.351528984 0.64564755
0.755880105 1 0.910190299 0.597446398 0.756370127 1
0.831791314 0.857375824 0.86946951 0.922815706 0.906703551 1
0.868226541 0.7090748 0.737752477 0.744802408 0.766195426 1
0.905197277 0.800922968 0.919744425 0.655785814 0.831251369 0.601553668
YPL237W YPL237W::SUI3::eIF2 is a heterotrimeric GTP-binding protein

SUI2 encodes the alpha subunit
 GCD11 encodes the gamma subunit 1
1.20729422 1.053394603 1.028629154 1.539287714 1 1.048101876
0.878770502 1.408763286 1 0.832213753 0.904965378 0.933447228
0.993268527 2.473843121 1.787567718 1.662274724 1
0.677284598 1 0.750339295 0.918570235 0.807476198
0.860990087 0.976796544 1 1.052579184 0.835284053 0.684822538
0.793297317 0.733946122 1 0.996762856 0.710492784 0.712636291
0.793367107 0.875273525 0.83446968
YPL239W YPL239W::YAR1::YAR1 encodes a 200-amino-acid protein with two ANK
repeat motifs and an acidic C terminus rich in PEST-like sequences 1
0.756449452 1.067716561 0.718913764 1.156216586 1 0.768070916
0.921932748 1.043568771 1 0.716660163 0.565495334 1.35077639
1.209683413 0.626371848 0.456184139 1.162127694
1.062129916 1 1.013556028 0.94254807 0.752902465
0.963217574 1 1.111800671 1.007696768 0.87870309 1.225269892
2.021246662 1 1.034018074 0.96660404 1.010886873 1.268602502
0.829487695 1.435147787
YPL253C YPL253C::VIK1::<u>v</u>egetative <u>i</u>nteraction with
<u>K</u>ar3p 0.89397216 0.968314432 0.814502225

	0.937103459		0.95652809		0.896990229	0.915982918		
	0.781770689	0.985841893						
	1	0.958937036	0.774429104	1.052941953	1.040832278	1.102731157	1	
	1.199238211	1.070499962	0.851079742	1.055828914	0.965129026	1		
	0.939040983	0.971735552	0.769181066	0.935994412	0.69897808	1.275784183		
YPL255W	YPL255W::BBP1::Involved in mitotic cell cycle and meiosis						1	
	0.49783171	0.602338431		0.70319669	1	0.637061937		
	0.910465356	0.793509454	1	0.425869341	0.550217654	0.666120689		
	0.631243211	1	0.538424276	0.172044436	0.892817817	0.894503234	1	
	1.194779373	0.970681264	0.969375509	0.983544737		0.992897075		
	1.136695248	0.86079775	0.93562055	1.422868653	1	0.828585322		
	0.741633491	0.88131341	0.901131099	1.076282707	1	0.873835817		
	0.657734535	0.990018436	0.566515646	1.106997536	0.760041607			
YPL257W	YPL257W::YPL257W::molecular_function unknown						1	1.037431876
	1.256893543		1.16340944	1	0.899270231	1.012133017	0.834973717	
	0.86708443	1	1.140344417	1.324508026	1.242259682	0.972557408		
	0.307565					1	0.99976136	
	1.371565772	1.317374204		1.244619445	1	0.972967816	0.901111468	
	1.471457184	1.096547292	1.04057525	1	1.076947667	0.759437379		
	1.048670538	0.499618065	1.141579392	0.908897701				
YPL259C	YPL259C::APM1::medium subunit of the clathrin-associated protein							
complex	1	0.702663708	0.766399443	0.836529726	0.731043169	1		
	0.917590357	0.816392532	0.752443429	1	0.81891527	0.847264865		
	0.49852631	0.799190286	1	0.854599479	0.633659232	0.944512237	1	
	1.635380728	1.030315293	1.511301391	1.869277758	1	0.980790536		
	0.912329543	1.140585879	0.969574194	1.031647973	1	1.210418989		
	1.114339139	1.324629169	1.076341592	1.061219074	1	1.383971978		
	0.965714259	1.127097585	0.797626558	1.264712808	0.869494607			
YPL261C	YPL261C::YPL261C::molecular_function unknown							0.928390408
	1.05568427			1.058840233				
	1.10918146	1.013292891	1.044697997	1				
	0.689263445			1	0.851200255	0.871746575		
	0.975837088	0.981999356	1	0.76513003	0.732872618	0.993390375		
	0.677919945	0.709064017	1	1.422958672	0.912165594	1.461735913		
	0.102030038	1.20226542						
YPL263C	"YPL263C::KEL3::Kelch-repeat protein, similar to Kel1 and Kel2"						1	
	0.780149541	0.709791217	1.025804468	0.712115257	1	0.815248944		
	0.840018269	0.885860987	0.948564688	1	0.666131258	0.458275085		
	0.41433189	1.095823756	1	0.37345171		0.420058492	1	
	0.52876569	0.449850793	0.419591121	0.61545806	1	0.833754932		
	0.588867376	0.729080077	1.014144246	0.87701396	1	0.926716679		
	0.534605495	0.539571165	0.819020455	0.814863234	1	0.765594576		
	0.459813194	0.855372429	0.587942643	0.569223732	0.825713448			
YFR049W	YFR049W::YMR31::mitochondrial ribosomal protein (precursor)						1	
	1.453209711	1.677668639	1.264451944	1.980711021	1	1.251615762		
	1.300091618	1.861654207	1.696571747	1	1.141629821	1.76355056		
	2.82205337	1.320501024	1	2.222934536	1.796759931	2.168298632		
	2.113838617	1	1.974167354	2.916731715	2.711405739	1.372949592	1	
	0.972188726	1.281028896	0.736283939	0.612850311	0.797773131	1		
	1.153260786	1.761782254	1.24931014	1.019643682	1.838986386	1		
	1.574022195	2.149611775	1.196692886	2.188567276	1.796995145	1.633038768		
YFR051C	YFR051C::RET2::coatomer (COPI) complex delta subunit						1	
	0.878104961	0.763387748	0.607952577	0.385234603	1	0.892750502		
	0.970119848	0.549354724	0.488338796	1	0.959334058	0.925012453		
	0.840627874	0.461804849		1.458432001	1.356976835	1.356717506		
	1.016345992	1	0.804981109	0.923025307	0.585001296	0.583581451	1	
	1.057647701	0.923187109	0.997157202	0.956139061	0.720786964	1		

0.877161847 0.944011915 0.729771587 0.763765499 0.670722932 1
 0.919967773 1.071840356 1.063296212 0.761517626 0.970638655 0.761792884
 YGL008C YGL008C::PMA1::Major regulator of cytoplasmic pH. Part of the P2
 subgroup of cation-transporting ATPases; functions physiologically to pump
 protons out of the cell. 1 0.921198235 0.446752566 0.894997167
 0.4290135 1 1.028552721 1.047937798 0.406452097 0.591388368 1
 0.755595625 0.50708325 0.215329047 0.531884263 1 1.473295581
 1.203633486 1.388212957 0.332800564 1 0.448336404 0.196251615
 0.133862306 0.334343727 1 0.904624487 0.593259949 1.003213577
 1.803795551 0.730127915 1 0.433243697 0.30749484 0.319915386
 0.462695235 0.164268583 1 0.846305244 0.410828918 0.843085071
 0.578915877 0.661898202 0.388777061
 YGL010W YGL010W::YGL010W::molecular_function unknown 1 1.342117606
 1.442288682 0.963758874 1.315056598 1 1.095880934 0.977050582
 1.482417937 1.090259344 1 1.159291674 1.347194493 2.303413049
 1.092964858 1 1.13771395 0.918760341 1.474151008 1.839829508 1
 1.873916715 2.607094159 3.727912546 1.54361325 1 1.16919955
 1.664123253 1.15328545 1.080050067 1.039575507 1 0.684402324
 0.802038975 0.858633697 0.487406814 1.353303748 1 1.054816189
 1.205094101 0.791325625 1.156313484 1.337940476 1.339704695
 YGL012W YGL012W::ERG4::Sterol C-24 reductase 1 1.026281097
 0.717979858 0.751833751 0.625843642 1 0.845259224 0.859749949
 0.803181422 0.758369528 1 0.873631174 0.748551494 0.624118409
 0.697156509 1 0.864461453 0.888840401 0.994474827 0.815058224 1
 0.930058335 0.626730226 0.762320157 0.897466853 1 1.295200188
 0.975201755 1.344048268 1.995210766 1.06003049 1 0.771967993
 0.941403513 1.162920471 1.168577186 0.885138209 1 1.097195225
 0.846666136 1.305148595 1.089162483 1.135967213 1.544600787
 YGL014W YGL014W::PUF4::member of the PUF protein family 1 1.247318244
 0.964021706 1.217987338 0.957010325 1 1.29672539 1.163420205
 0.973580156 0.783974585 1 1.182474591 0.91809398 0.493346536
 1.03064755 1 0.888494181 0.496318496 0.712941686 0.470417985 1
 0.742318848 0.51959123 0.286897321 0.746372976 1 0.903763932
 0.777644549 1.032106564 1.245145468 0.735697533 1 0.695514469
 0.486785483 0.642799441 0.685562209 0.399794114 1 0.57602077
 0.513124797 0.904291367 0.653877554 0.669198089 0.641832375
 YGL016W YGL016W::KAP122::Member of the karyopherin-beta family with possible
 role in nuclear transport and regulation of pleiotropic drug resistance. 1
 0.914141566 0.733120491 1.085502582 0.810946453 1 1.145515448
 1.011251669 0.832930819 0.754248322 1 0.817385381 0.627886019
 0.376600399 0.910677989 1 0.407376607 0.293778499 0.480958158
 0.481577297 1 0.445101927 0.493019377 0.292771475 0.647622882 1
 0.87612782 0.740778907 0.916398632 1.157818518 0.857408623 1
 0.871039666 0.518131505 0.627526339 0.723535054 0.6350695 1
 0.780077664 0.522577128 0.838448472 0.86963959 0.626297662 0.995584457
 YGL018C YGL018C::JAC1::may be involved in assembly/maturation of
 mitochondrial iron-sulfur proteins 1 0.989095177 1.226096366 0.99296788
 1.491019633 1 1.030385779 1.051456979 1.40793018 1
 1.066342485 0.991066727 1.475715507 1.447814246 1 0.661369927
 1.08162935 1 1.459232359 3.153686916 2.183008945 1.492666944
 0.87938639 1 1.144081277 1.431053201 1.419483435
 2.355617882 1 1.116477898 1.111086184
 YGL032C YGL032C::AGA2::adhesion subunit of a-agglutinin 1
 1 1.086230109 1.350663613 1 1.252126375
 1.511437491 1.07188924 1 0.996445808 0.462877101 0.597044518
 0.887052095 1 1.336132791 1.377791683 1.099423986 1.288311441 1

	0.958604304	1	0.87802424	1
	0.838543908	0.548972485	0.554270006	
YGL034C	YGL034C::YGL034C::molecular_function unknown			1 1.475445221
	1.48117483	1.386300005	1.498307778	1 1.149155951 1.138630999
	1.420692324	1.266053529	1 1.281995045	1.11216221 1.551060336
	1.311046154		0.449722762	0.770678555
	0.53378279	1.073926584	0.893709385	0.575885813 0.916229468 1
	0.880507492	1.006760857	1.088210371	1.04016904 1.346985293 1
	0.836534503	0.768547147	0.784841072	0.731506476
YML033W	YML033W 1 2.032669912 2.026654401			1.676129185 2.022515274 1
	1.614806345	1.697164167	2.121643922	1 1.654349853 1.595708442
	2.086331698	1.396034319	1 1.056717907	0.953190007 1
	1.125302356		1 0.976413925	0.956327256 0.864391559
	0.930056298	1.008534039	1 0.840899246	0.955019651 0.900729896
	0.930645483	1.247774633	1 1.07931812	1.166331986 0.942293451
	1.472126186	1.0824624	0.986828225	
YML035C	YML035C::AMD1::putative alpha-mannosidase 1			0.821890956
	0.805929932	0.992662008	0.654195774	1 0.926194413 1.058487219
	0.741463208	0.753294712	1 0.813737843	0.830394339 0.69654346
	0.847994943	1 0.946634633	0.915359153	1.043116554 0.890504065 1
	0.735588042	0.801081075	0.891730015	1.017375479 1 0.806389565
	0.719193774	0.925516376	0.96956972	0.878935724 1 0.95727743
	0.651869264	0.897505575	0.940528608	0.55586546 1 0.885558681
	0.736382781	0.836523736	0.738092278	0.797002051 0.689116088
YML038C	YML038C::YMD8::similar to vanadate resistance protein Gog5 1			
	1.102319039	0.778343735	0.999994592	0.865564583 1 1.079434448
	0.928479352	0.693582939	0.857145781	1 1.176358958 0.907799852
	0.573879144	0.935299689	1 1.437325416	0.635362151 0.91776113
	0.886971662	1 0.881829401	0.635044093	0.393167348 0.520459498 1
	1.417770921	1.24039084	1.824936401	1.266341221 1.096394324 1
	1.434498529	1.337553667	1.943837447	0.942134938 0.73250477 1
	1.408671307	1.09211662	0.865832633	0.976819373 0.794267371 0.800320314
YML055W	"YML055W::SPC2::subunit of signal peptidase complex, homologous to mammalian protein SPC25"			1 1.128687736 1.337987032 1.144795382
	1.423192101	1 1.087957649	1.056491139	1.40616839 1.410929116 1
	0.963521931	1.220852443	1.43328654	1.319576277 1 1.290521825
	0.722671254	1.111451121	1.058587125	1 1.585024648 1.917026364
	1.374232186	1.375710038	1 1.025321346	1.309882152 0.997425253
	1.035372174	1.099002604	1 0.985954895	1.526812841 1.304213764
	1.28716731	1.308425202	1 1.095698937	1.605188915 1.017655602
	1.176829576	1.17456432	1.307306659	
YML058W	YML058W::SML1::Suppressor of mec lethality			1 2.020847159
	1.66140667	1.260350499	1.780639246	1 1.355190194 1.189724208
	1.566393281	1.912782402	1 1.370334907	1.300318985 1.789311099
	1.289720175	1 0.87077741	0.804226592	0.970012844 1.106252784 1
	1.15919216	1.532751438	1.501049174	1.096260448 1 1.316094382
	1.114605319	1.673904636	1.928386406	0.802515064 1 0.651680934
	0.68148607	0.586605027	0.56687674	0.69849098 1 0.90435669
	0.933254928	1.049201873	1.025644996	0.869622694 1.802034269
YML060W	"YML060W::OGG1::Excises 7,8-dihydro-8-oxoguanine (8-OxoG) when 8-OxoG is opposite cytosine or thymine (but not adenine)"			1 1.486370452
	1.176619888	1.127471866	0.804074	1 1.457253569 1.182939183
	0.937730636	0.991276295	1 1.481084102	1.508426496 1.223951243
	0.882877406	1 1.201249807	0.690375255	0.882333555 0.744686171 1
	1.082547576	0.881683133	0.838109939	1 1.134770215 0.88665097
	0.77862282	0.974366463	0.971811141	1 0.995334112 1.194851971

	1.070975619	1.183270099	1	0.936118873	0.733267445	1.126754128
	0.621207549	1.377356512				
YML062C	YML062C::MFT1::Protein involved in mitochondrial import of fusion proteins					
	1	0.691032308		1.077340555	1.282310584	1 0.874313956
	0.956994381		1	0.922682667	1.097989403	1.19012781
	1.080620852	1	0.676266098	0.669690581	0.730777907	1.086199823 1
	1.39552751	1.805343355	2.656985791	1.627098606	1	0.773508535
	1.082234433	0.678313845	0.581070945	1.055289169	1	1.07345374
	1.455573633	1.518642443	1.521016741	1.77851372	1	1.059287101
	1.172336415	1.074047481	1.302211774	1.108905293	1.210988006	
YPL277C	YPL277C::YPL277C::molecular_function unknown					
	1					0.952549617
	0.810154637		0.746183733	1	1.430078319	0.890737329 0.857399866
	0.943117896	1	1.161502048	1.002547961	1.205773733	1.124882287 1
	0.727636616		0.665624503	0.691264795	1	1.270981118 1.171524605
	1.182065534	1.944055579	1	1.204925759	1.582980429	1.444037477
	1.283249823	1	1.055616285	1.398326748	2.419008291	1.916822261
	0.739548958	1	1.41444271	1.166857743	1.242459108	0.308514843
	1.120094928	1.276659744				
YML064C	YML064C::TEM1::Gtp-binding protein of the ras superfamily involved in termination of M-phase					
	1			0.892880097	1.113273763	0.956576883
	1.141323321	1	1.009479423	1.052156249	1.313078467	1.170218709 1
	0.883006443	1.009920112	1.078285973	1.179830364	1	0.802038442
	0.757588266	0.959983419	0.825284936	1	1.094211212	1.034097025
	1.157079243	0.843776343	1	1.092785113	1.092414173	1.024080134
	1.364396763	1.241124975	1	0.791637455	0.564602587	0.587038021
	0.967112756	0.667441705	1	0.793130788	0.569743764	0.770403851
	0.691619903	0.781384415	0.769673503			
YPL279C	YPL279C::YPL279C::molecular_function unknown					
	1					1.194717665
	0.809574428	0.9249344	0.824789217	1	0.828267913	0.816970564
	0.764482254	0.739540124	1	0.954864698	0.613515352	0.589284995
	0.669733562	1	0.423163692	0.456155834	0.568747762	0.441669244 1
	0.448590961	0.588641699	0.511489817	0.47728005	1	0.756868612
	0.606133722	0.675494412	1.215628305	0.803018844	1	0.43301428
	0.363393658	0.386710909	0.443100258	0.404705649	1	0.550408058
	0.350052094	0.728573726	0.601049236	0.647829907	0.735524137	
YML066C	YML066C::SMA2::Spore Membrane Assembly					
	1					1.844924434
	2.319391586	1	1.848743356	2.114937123	1	1.391808541
	1.455200027	1.549277837	1	0.992789895		1.398866057
	0.220027558		0.376148349	1	0.991563482	1.044101789
	0.947364741	1.149663156	1.141944238	1	0.882589279	0.990956167
	0.947372673	1.014378492	1	0.999338819	1.088698344	0.907195065
	1.55123968	0.891601896	1.330072903			
YPL281C	YPL281C::ERR2::enolase-related subtelomeric sequence (ERR1 and ERR2 code for identical proteins)					
				1.395048191	0.868918147	0.487526558
	1.015800776	1.023692004		0.713678945	1.264707998	1.31156909
	0.877174171					
	0.75433087	0.665477479	1.009932668	1.020909267	0.937744579	1
	0.616525723	0.787418433	0.630118479	0.40400191	1	0.650454105
	0.600531769	1.13847614	0.205174319	0.785467175	0.67072796	
YML082W	YML082W::YML082W::O-succinyl-L-homoserine (thiol)-lyase					
	1					1
	0.959334994	1.008428391	1.043333237	0.968276317	1	1.051770033
	1.216546371	1.086732687	1.031263892	1	0.84259935	0.789557942
	0.746910126	0.967382678	1	0.489041086	0.561621089	0.563322037 1
	0.604617921	0.572020424	0.839464677	1	0.853048885	0.770064158
	0.753511103	0.904079768	0.937300631	1	0.789614973	0.905336563
	0.661208579	0.920191353	0.900532461	1	0.754834637	0.782061084
	0.88374569	0.955833755	0.630038921	0.87299711		

YPL283C YPL283C::YRF1-7::Y'-helicase protein 1 1 1.272209215
0.870822554 0.985691929 1 1.046928006 0.727208938
0.88210751 1 0.967832465 0.792279552 0.770319008 0.851861696
1 0.719649563
0.897404162 1.143262745 0.974642572 0.908167538 1 0.735714303
0.764506276 0.813761241 1.162342507 0.767256905 1 0.749665411
0.942558365 0.690752763 0.591922004

YPR002W "YPR002W::PDH1::prpD homologue; (62% identical to the prpD genes of
<i>Escherichia coli</i> and <i>Salmonella typhimurium</i>, which play an unknown
but essential role in propionate catabolism)" 1.431986766 1.597761651
0.802754573 1.387494321 0.921835366 0.898195846
1.735320527 1.002484784 1 0.726343642 1.487206343 1.520841754
0.452860961 0.846867859 0.414198067 1 0.771866602 0.839461269
1.752226406 1.291067368 1.154682399 1 0.693514477 0.730672225
1.688000885 4.028239925 1.426495912 1 0.3811111037 0.579741133
1.451600985 -0.022479185 0.885228271

YPR004C YPR004C::YPR004C::molecular_function unknown 1 0.807914456
0.727485873 0.801984269 0.669673416 1 0.778696261 0.75247338
1.075579662 1 0.928383365 0.820067173 0.590493184 0.66599533 1
0.904065208 0.550634377 0.778695396 1 1.96535636 1.386362608
1.065026602 1.059435221 1 1.047107787 0.950720162 1.246446469
1.171815302 0.969181728 1 0.944827829 0.814238632 0.934168013
0.812225838 1.037120169 1 0.903614942 0.937143186 1.151944052
0.97731134 1.612324418 0.901017134

YPR018W "YPR018W::RLF2::Chromatin Assembly Complex, subunit 1: largest (p90)
subunit of three-subunit protein complex (yeast CAF-I) involved in DNA-
replication-linked nucleosome assembly. Homol. to p150 subunit human Chromatin
Assembly Factor-I (CAF-I)" 0.812649452 0.876889838 0.956014851
0.836039499 0.822084336 0.874312076 1.009806187
0.759548154 0.771075664 0.683611085 0.967241108 1 0.424704071
0.429302071 0.687901243 1 0.785562015 0.992543716 0.828236987 1
0.776834788 0.84725637 0.970422536 0.789150154 1.229335483 1
1.988736717 2.302869819 2.265531124 2.764590754 1.922741492 1
0.781688183 0.879639977 1.311362308 0.590963157 0.963405751 0.95705708

YPR020W YPR020W::ATP20::Protein associated with mitochondrial ATP Synthase;
essential for dimeric state of ATP synthase 1 0.852760707 1.532820498
1.218128544 2.201061838 1 1.100177633 1.192432846 1.545604449
1.699016196 1 0.812137034 0.810082889 1.094356439 1.231085569 1
1.400765469 1.08944643 0.778972968 2.286800341 1 2.512946493
2.322247063 2.689575541 2.137578125 1 0.665349298 0.495616721
0.302364589 0.499724943 0.759026939 1 0.775764724 0.739922046
0.495934954 0.666977746 1.82451778 1 0.861331203 0.691218728
0.693774696 1.710581078 2.065908067 1.474550829

YPR022C YPR022C::YPR022C::molecular_function unknown 1 0.706347783
0.625664706 0.593278148 1 0.784331599 0.870003466
0.597195013 1 0.716824916 0.590377167 0.687697157 1
0.491965435 1
0.899227398 0.771857123 0.795129407 0.751427157 0.950585131 1
1.272222752 0.83833241 1.069153879 1.065058306 0.935944149 1
0.893280504 0.758555442 1.017868333 0.713976152 0.759913601 1.093654335

YPR024W YPR024W::YME1::Mitochondrial protein of the CDC48/PAS1/SEC18 family
of ATPases 1 0.677374903 0.638350083 0.882636902 0.384124118 1
0.804594884 0.967322384 0.617896445 0.645116383 1 0.954482971
0.79703966 0.338992266 0.581006624 1 0.617721437 0.621482061
0.411382338 1 1.122741773 1.208566517 0.953107393 1.370144463 1
1.163080861 1.296837065 1.696515653 1.253498042 1.03866572 1

	1.134790098	0.835263209	1.017325032	0.63395535	0.369151369	1	
	1.16137565	0.692530366	0.822505124	0.394796184	0.662858206	0.640956762	
YGL036W	YGL036W::YGL036W::molecular_function	unknown	1	0.778327238			
	0.766267262	0.788483559	0.616080411	1	0.876729654	0.890265758	
	0.777062989	0.564788111	1	0.983968758	0.927881132	0.764123157	
	0.667663271	1	1.586495365	1.560946134	1.859210593	1.100090174	1
	1.004070719	1.073011602	1.301580324	0.607267026	1	1.1230832	
	1.078441972	0.908719362	1.201291469	1.032378981	1	0.941178946	
	0.730571672	0.793778309	0.737237348	0.748651561	1	0.945241448	
	0.788942847	0.944993701	0.765331426	0.909928105	0.572658082		
YGL038C	YGL038C::OCH1::initiates the polymannose outer chain elongation of N-linked glycans	1	0.979137011	0.837521889	1.075911746	0.958713335	1
	0.921427355	0.950579403	0.911564698	1.019388344	1	0.870641902	
	0.899327061	0.915953517	1.399081295	1	1.257614145	0.681121545	
	1.019231464	1.062774881	1	0.96027312	0.691779389	0.941181863	1
	1.290403804	1.527765227	1.307477563	1.163090788	1.091492961	1	
	1.080917597	0.812867772	0.791682086	0.679998066	0.586364113	1	
	0.896886023	1.294940234	0.934206361	1.054315755	0.705752939		
YGL040C	"YGL040C::HEM2::converts delta-aminolevulinic acid to porphobilinogen, an intermediate in the synthesis of heme"	1	1.128404957				
	1.021305454	0.973831023	0.764385185	1	1.009087295	1.131083068	
	1.078299565	1.001714349	1	0.877890169	1.009923673	1.066753679	
	0.861370504	1	1.490427067	1.252926095	1.531017669	1.729554072	1
	1.446308162	0.925461059	1.066484721	1.33353493	1	1.065466957	
	1.175548894	1.284128187	1.143999312	1.008207896	1	1.140177878	
	1.017610222	0.84900139	0.724895876	0.81737621	1	1.140097004	
	1.07720005	1.013352771	0.936858711	1.037605383	0.886131457		
YGL042C	YGL042C::YGL042C::molecular_function	unknown	1	0.84575233			
	1.271134809	0.786544462	1.152463161	1	0.784037357	0.921488886	
	1.328155538	1.17919085	1	0.823141627	0.986942549	1.282580024	
	0.98538624	1	0.793080799	0.634227515	0.722385005	1.388759846	1
	1.599293562	2.645105599	2.294047673	1.050619816	1	0.928511866	
	0.829287826	0.501307543	0.59943802	0.871191944	1	1.240510528	
	1.453397247	1.00057193	1.203062622	1.759560564	1	1.131344222	
	1.59339063	1.352617336	1.374566235	1.252142274			
YGL056C	YGL056C::SDS23::homolog of pombe SDS23; localizes to spindle pole body	1	0.814929003	0.743483462	0.884463299	0.619624304	1
	0.941526399	0.729648021	0.837566785	1	0.918028922	0.647037886	
	0.64201125	1	0.36235281	0.218374903	0.525618375	0.721296462	1
	0.376357683	0.872447085	0.516576997	0.559005692	1	0.824568541	
	0.745394801	0.813733903	0.947410866	0.913767077	1	0.511961955	
	0.444578652	0.46423934	0.957831843	0.484561672	1	0.70342878	
	0.657706522	1.085214777	0.73338384	0.65314546	0.680359857		
YGL058W	YGL058W::RAD6::Involved in DNA repair and sporulation. Rad6p interacts with Ubr1 and Rad18p. mRNA is induced early in meiosis and peaks at meiosis I.	1	0.821035251	0.895012859	0.741840219	0.912259402	1
	0.752489015	0.719514952	1.025761478	0.99247404	1	0.827186527	
	0.835710284	1.028168079	0.921310526	1	0.780524555	0.569897458	
	0.766991982	1.082153315	1	1.392863448	1.3438552	1.270169952	
	0.745327256	1	1.138688937	1.183521528	0.91462012	0.957932165	
	0.997561268	1	1.07121647	1.151148253	0.911203982	0.89444381	
	1.369681119	1	1.117978306	1.33714271	1.102650977	1.29918984	
	1.30902576	1.092778775					
YGL060W	YGL060W::YGL060W::molecular_function	unknown*	1	0.939560705			
	0.833730727	0.982123691	0.81945233	1	1.080108135	1.163197233	
	0.874272095	0.809029051	1	1.054818217	0.86080054	0.621274631	
	1.033390092	1	0.764773949	0.504432193	0.676480196	0.78351384	1

0.953571983	1.193148322	1.294481081	0.624119877	1	1.175953487
1.049421986	1.089684875	1.024236971	0.916850019	1	1.036459281
0.973291508	0.980452008	0.929600278	0.721176353	1	1.099136298
1.011898755	0.99172969	0.650409086	0.852292357	1.295047872	
YGL062W	YGL062W::PYC1::converts pyruvate to oxaloacetate				1
1.34808546	1.23384003	1.540240616	0.88876879	1	1.484576287
1.872063136	1.079961246	1.16554374	1	1.363021484	1.360369987
1.095926364	1.442182568	1			
1	0.870885104	1.044768452	1.064621825	1.182543056	0.914241552
0.834632451	0.748727789	0.846052878	1.146151132	0.653734402	1
0.67045487	0.867068251	1.003480871	0.713670062	0.995446238	1.165455518
YGL062W	YGL062W::PYC1::converts pyruvate to oxaloacetate				
				1	1.0544452
1.363624058		1			
1.765772927	1.556445637	1.516826202		2.641757573	
YGL064C	YGL064C::MRH4::mitochondrial RNA helicase				0.817574537
0.889416879	1.184116631	1.041623026		0.975846761	1.177465533
1.08414775		0.877700078	0.783768293	0.80981626	1
0.517634197		0.457719244			0.472501363
0.975162118	0.992370725	0.98028097	1.159824668	1.118833415	1
1.112736958	0.756590745	0.7928025	0.939936251	1	0.785279902
0.668415807	0.715429761	0.637008595	0.622071875	2.078731439	
YGL066W	YGL066W::SGF73::SaGa associated Factor 73kDa			1	0.710209259
0.853839217	0.850544487	0.786595031	1	0.797970012	0.882542576
0.893295543	0.777090004	1	1.005157959	0.929793489	0.726031201
0.899218928		1.002381152	0.895629262	0.656302675	1
1.284885513	1.380548037	1.198614557		1	0.819727285
0.676686246	0.65558898	0.723183691			
	1.045325834	0.686970783	0.527096266		3.815093658
YGL066W	YGL066W::SGF73::SaGa associated Factor 73kDa				
				1	1.089060856
0.983527298	1.085512978	1.019086647	1.21226486	1	1.093211742
0.95743261	0.884699272	1.105769246		1	1.014454427
1.037046246	0.903695429	1.227624805			
YML084W	YML084W::YML084W::molecular_function unknown			1	1.585435194
1.921601089	1.323712321	1.853188359	1	1.461236903	1.562066503
1.909787178	1.857331368	1	3.45930592	2.862111337	2.216586995
1.309487708	1	1.500219114	0.956606363	1.006864867	0.830428397
2.940128584	3.816504805	2.520424891	1.259554238	1	1.160482943
1.373120466	1.033872342	0.749857396	0.794675874	1	1.817325785
2.58750928	2.075573641	1.589988807	2.18135366	1	1.914847416
2.732762389	1.477450003	1.551151907	1.151711795	1.386988408	
YML088W	YML088W::UFO1::F-box protein			1	0.657930341
1.01678124	0.688509508	1	0.784981837	0.875089371	0.866337884
0.88502343	1	0.734479068	0.747525312	0.69745157	0.845189522
0.692754997		0.925821909	0.944843429	1	2.193091722
1.887749222	1.830704351	1	0.873200601	0.963395334	0.910591056
0.91515714	0.979411383	1	1.135160497	0.956702207	0.768061485
0.940123025	0.838834916	1	1.082427481	1.04429565	0.958774191
1.003175177	0.849355711	0.940420177			
YHR214CB	YHR214CB	1	1.213695036	1.135066302	1.849242759
1.529128202	1.341621977	1.121551772	1.041227499	1	1.616939919
1.691164653	0.757922044	1.458862664	1	1.249854863	1.555604002
1.063694931	0.872496272	1	0.332346643	0.346541553	0.278733416
0.572743908	1	1.043990499	0.894387703	1.285046549	1.225754176

0.883703396 1 1.258391988 1.276284303 2.228037471 3.50778895
 1.669664552 1 1.272415149 1.785742017 1.425678821 1.039763727
 YML090W YML090W::YML090W::molecular_function unknown 1 1.242186044
 1.73891094 1.586449597 1 2.248108273 1.938262658 1.576516498 1
 1.642616519 1.515536745 0.86362004 1.550388287 1
 0.46104577 0.695007702 0.391368256 1 0.802176175
 0.797638637 0.941242254 1 0.698325638 0.505596613
 1 0.565711709 0.533077513 1.124573453 0.623453664 1.639717064
 0.888758347
 YHR214WA YHR214WA::YHR214W-A::molecular_function unknown 1 1.175216049
 0.998857188 1.468280177 0.912749751 1 1.257772112 1.187409415
 0.885249728 1.295883537 1 1.458398039 1.095627633 1.312592387
 1.210795131 1.130819971 0.953451471 1.552532314 0.79217219 1
 0.565197152 0.799872196 0.761763968 0.342852402 1 1.275776046
 0.924813283 0.985744241 0.722938608 1 1.19108189 1.810886656
 1.95407636 1.053144299 0.450883864 1 1.656366224 2.342008109
 1.580056759 1.066397837 1.414548433 0.959683866
 YML092C YML092C::PRE8::proteasome component Y7 1 1.098769952
 1.234726101 1.156956449 0.971752142 1 1.09391018 1.125630766
 1.415247226 1.355641616 1 1.13257964 1.572261171 1.677735248
 1.142619731 1 1.335934056 1.321938635 1.549298997 1.33666688 1
 1.739180303 1.295344064 1.408086338 1.606068492 1 1.068479113
 1.631217039 1.719338308 0.958262538 0.889981202 1 1.140923282
 1.371428907 1.367985181 0.840786991 0.671962004 1 1.263668733
 1.236302482 1.130155741 0.63429584 0.932935285 1.20660989
 YML048WA YML048WA::YML048W-A::molecular_function unknown 1 1.462685988
 1.64963536 1.099560068 1 1.19977575 1.076796049 1.317009567
 1.415557535 1 0.999258477 1.078599687 1.582947522 0.950849054 1
 0.828826558 0.474349222 0.345345069 0.6527456 1 1.131231974
 1.089155635 0.671529615 0.613824518 1 0.765022972 0.674245411
 0.641696175 0.93642085 1 0.41632357 0.706539343 0.612477755
 0.471466169 1 1.385563538 1.988125406 1.425741747
 1.710208304 2.739827451
 YML095C YML095C::RAD10::endonuclease (with Rad1p) that degrades single-
 stranded DNA for repair 0.971485412 0.899666244 1.046584644 1.267764813
 1.006114932 0.840262214 1.014934644 1.128752703 0.782455155
 0.757325394 0.758399321 0.971157072 1 0.739392555
 1.177439853 1 0.851462167 1.349699076 0.791354222 0.978963877 1
 0.924704012 0.983275909 0.752473326 0.795698375 1.02405401 1
 1.086518251 1.003058004 0.949665156 0.741679521 0.962063003 1
 1.067449482 1.184887254 1.50246324 1.052717387 10.36738829
 YML109W YML109W::ZDS2::multicopy suppressor of a sin4 defect 1
 0.688868835 1.171381749 1 0.97599069 1.161060271
 1.064675289 0.961533475 1 0.686949048 0.580853461 0.545317332
 1.243507757 1 0.405282552 0.965977713 1.331394103 0.478812526 1
 0.513189928 0.310299897 0.464953348 1 0.895637651 0.854219589
 0.975625043 0.893131078 1.072491174 1 1.014143487 0.903745134
 0.956475521 1.459309765 1 0.798533269 0.8134361 0.943288345
 0.849544523 0.704420671 0.849355305
 YML111W YML111W::BUL2::a homologue of BUL1 1 1.220946215 1.016632799
 1.335885922 1.210163419 1 1.533869009 1.351905647 1.227088573
 1.101121955 1 1.181005914 1.239659486 1.029134151 0.996933386 1
 0.937119785 1.014864456 1.015190235 1
 1.020130967 1 0.959134963 1.003866691 1.044530357 1.000259897
 1.162858948 1 1.024518981 0.99123134 0.992617507 1.059408297
 0.9498841 1 0.857296103 0.909387296 0.923977272 0.919785632
 0.952746204 1.50432208

YPR026W "YPR026W::ATH1::Null mutant is viable; increased tolerance to dehydration, freezing, and toxic levels of ethanol
 hydrolyzes trehalose" 1
1.326008677 1.350007331 1.192788908 1 1.288493655
1.09566259 0.983737633 1 1.584884918 1.791445481 0.542551497
1.968746982 1.34302315 1.147832615 1.711766404
1 1.066716926 1.106078017 1.343652731 0.955939259
1.003740593 1 1.050562174 1.012709481 1.57332066 0.973325907
1.0141789 1 1.227516398 1.066969104 1.193371575 0.879215049
1.339030087 0.79331536

YML113W "YML113W::DAT1::datin, an oligo(dA).oligo(dT)-binding protein" 1
0.980380593 1.141839052 0.973298235 1.048264681 1 1.00710222
1.150440795 1.263821751 1.217113863 1 0.833676073 0.81206368
1.366547497 0.89099341 1 0.801356268 0.583191803 0.703324676
0.868627769 1 1.018087088 1.369066602 1.307747332 1.66421321 1
0.635092365 0.524098852 0.381139135 0.708931622 0.855687793 1
0.540625598 0.508575111 0.254953387 0.534845436 1.528851427 1
0.583406434 0.427158494 0.742418056 1.440168741 1.531239296 1.154948061

YPR028W YPR028W::YOP1::Ypt Interacting Protein 1 1.478555738
1.19904519 1.01832773 1.254767664 1 0.913739944 0.988903015
1.37820768 1.323168787 1 1.065955411 1.084316237 1.612576847
1.094125486 1 0.968159805 0.869298927 0.987864736 1.219858224 1
1.431055665 1.501524977 2.535115592 1.544903263 1 1.157527268
1.033329621 1.454380577 1.307042133 0.927783332 1 1.00704124
1.067206076 0.770573379 0.596349762 0.713463273 1 0.996085716
0.893494966 0.991421178 0.875450857 1.20238959 1.263525396

YML115C YML115C::VAN1::vanadate resistance protein 1 0.765520018
0.726380529 0.813042448 0.778885359 1 0.811266252 0.780972326
0.749044621 0.811094241 1 0.658099553 0.679622427 0.644143553
0.770356434 1 0.9204201 0.711922216 0.757426594 0.925384711 1
1.006629978 0.816650271 1.020781835 0.836911018 1 0.939150091
1.13976372 1.141672834 1.206414246 0.909141352 1 0.847931056
0.740565681 0.763309056 0.774948249 0.480478977 1 0.983196878
0.883604579 0.946230369 0.875540679 0.865735125 0.862489653

YPR042C YPR042C::PUF2::mRNA binding protein 1 1.450531377 1.324051186
1.413983652 1.085990997 1 1.06040674 1.29396116 0.991209924 1
1.474605612 1.197165768 0.920993037 1.260053732 1 1.020564273
0.894896266 1 0.790888776 1 0.853552538
0.786994014 1.130705041 0.881493201 0.996313851 1 1.15872931
1.388268732 1.238921906 1.040443124 1.424459482 1 0.959931681
1.299769994 0.981304677 1.393525624 1.35771154 3.529640464

YML117W YML117W::YML117W::molecular_function unknown 1 0.745609876
0.86068228 1.054136812 0.663282033 1 1.098793208 1.140343628
0.766064218 0.640756899 1 1.023424768 1.176739954 0.499180136
0.894606505 1 1.84690946 1.146849134 1.532862333 0.73031542 1
1.339345809 1.042556109 1.066034446 1.085402573 1.102458149
1.163386918 1.383136252 1.119835997 1.019068735 1 1.380800809
0.889594942 1.085393384 0.914989306 0.581966614 1 1.033254821
1.014135998 1.022773437 0.878103578 0.958637205 0.708379829

YPR044C YPR044C::YPR044C::molecular_function unknown 0.959172554
0.837031246 0.937852306 0.809977068 0.731522421
0.952810986 0.894578924 0.78271059 0.84954748 0.90458586 1
1.829974669 1.472329448 1.283842093 1 0.860029135 0.888609847
1 0.792491692 0.997637082 0.995823297 1
0.877057744 1.473230997 0.983628858 0.809309104 1.34214598 1
1.08034988 1.128580758 1.665133332 0.891224442 2.805884018 1.089276219

YPR046W YPR046W::MCM16::Involved in a nonessential role that governs the kinetochore-microtubule mediated process of chromosome segregation

1.080738283	0.814010271	1.142456877	0.753072791	0.916050579							
1.165982394	1.11512337	0.968122464	0.943483585	1.02108551	1						
0.608413309	0.671096879	1.131674787	1	1.853474059							
2.81870199	1.339651312	1	1.200963729	1.214025438	0.711416756						
0.788738746	1.100894578	0.917256648	1.117229847	0.958769875							
1.102908551	1.161163673	1	1.767483767	1.616560054	1.470585059						
1.333702537	2.118880119										
YPR048W	YPR048W::TAH18::Product of gene unknown				1	0.602478817					
0.521467052	0.604007056	0.511607985	1	0.555915785	0.533307807						
0.687439363	0.674752571	1	1.343425022	0.934113933	0.45581633						
0.841218777	1	0.941451907	0.541437547	0.947729957	1						
1.832690253	1.47655615	0.883752111	0.993666044	1	1.525640654						
1.461972624	1.338727734	0.958683564	0.855016033	1	1.692163127						
1.741150557	1.750696471	1.578294413	1.01577457	1	1.621137106						
2.026380145	1.385023929	1.213384944	0.681164006	1.098908116							
YPR050C	YPR050C::YPR050C::molecular_function unknown					0.95547874					
0.989632862	0.856499806	1.057286562	0.812398493	0.767769019							
1.091581884	0.866849386	0.876847389	1.12883478	0.948640323	1						
0.855423051	0.552361469	0.517583298	0.9848853	0.627320847							
1.054041546	0.512040099	1	0.832114584	0.855500805	1.015561328						
1.038255892	1.257942002	1	0.806358392	0.737090444	0.877081188						
1.324253145	1	0.843119495	0.668486389	1.017441094	1.110885679						
1.211316403	1.161077402										
YPR052C	"YPR052C::NHP6A::Homologous to mammalian high mobility group proteins 1 and 2; functions redundantly with the highly homologous gene, NHP6A; high-mobility group non-histone chromatin protein"					1	1.737265429				
1.603622269	1.002388044	2.081446068	1	1.10057736	1.039799442						
1.647785104	1.687723776	1	1.050560747	1.22250431	1.860568743						
1.096023154	1	0.722656888	0.677797964	0.707931593	0.863705817	1					
1.596659482	1.875955173	1.611345433	0.945746894	1	1.223548307						
1.030250985	1.275173256	1.071896849	1	1.121636723	1.348302346						
1.284660755	0.920734305	1.543896423	1	0.888999296	1.014289064						
0.881334038	1.097152733	1.047336325	1.790651147								
YPR066W	YPR066W::UBA3::Required for activation of RUB1 (ubiquitin-like protein) together with ULA1. Related to UBA2 and to N-terminus of UBA1. Collaborates with UBC12 in conjugation of RUB1 to other proteins. Required for modification of CDC53/cullin with RUB1.					1.06875708	1.027213847				
1.161753732	0.81352321	1.063019209	1.103873905	0.96024512							
1.306905078	1.122237726	1.118317682	1.111152506	1	1.00134693						
0.740622193	0.883714712	0.578591009	0.636266617	0.504001482							
0.41745946	1	1.099806978	1.275227505	1.262654581	1.210525715						
1.248045631	1	0.978067223	0.978215864	1.302271086	1.086939319						
0.935456433	1	1.376088621	1.122741409	1.317192819	1.37078357						
YPR068C	"YPR068C::HOS1::Protein with similarity to Hda1p, Rpd3p, Hos2p, and Hos3p"					1	0.914393061	0.964302794	1.025881599	1.324203447	1
0.978809714	0.994800892	1.15747806	1	1.032721178	1.051481955						
1.150198505	1.309805344	1	0.583580124	0.570344364	0.730835678						
1.06263992	1	1.22480617	3.228251554	2.579749909	1.70978548	1					
1.249210418	0.780970306	0.999087609	1	1.396581876							
1.857848902	1.997903961	1	1.431283729	1.44041472	1.415896645						
0.634246093	1.450473164	1.473675164									
YGL080W	YGL080W::YGL080W::molecular_function unknown				1	1.134427734					
1.342734445	0.970324786	1.560144108	1	1.059711708	0.998302352						
1.352723352	1.150813793	1	1.179840054	1.19180133	1.489837972						
1.032397727	1	1.703557169	1.152285304	1.339775759	1.361823394	1					
1.759815827	1.306867802	1.840715196	1.426752352	1.29418991							
1.370477055	0.869890687	0.940468378	1.114755843	1	0.84829442						

1.166860441 0.994771423 0.868602463 1.386976529 1 1.153952179
1.287836275 1.053904665 1.828231773 1.638163726 1.373854061
YGL082W YGL082W::YGL082W::molecular_function unknown 1 0.937923624
1.105043831 1.066639752 1.167915872 1 1.183334352 1.14046499
1.225127115 1.023680349 1 0.987612966 1.176333695 1.121584479
1.102544307 1 1.324759009 1.020185385 0.847749764 0.858620718 1
1.863034266 1.090565006 1.35827622 1.168107183 1 1.09627233
1.328224508 1.137864903 0.989543399 1.174471902 1 1.138916489
1.088004283 1.054120572 0.94264946 0.855928046 1 1.303973128
1.208555443 1.208131326 1.188184657 1.402200058 1.14969428
YGL084C YGL084C::GUP1::Involved in active glycerol uptake
1.06875708 0.88144512 1.005213242 0.920230858 1.061808425
1.100578736 0.928810947 0.820235213 1.527535696 1.256567758
0.869413125 0.989757915 1 1.657545074 1.067111534 1.304915528
0.781283533 1 1.593184206 1.272019388 0.966958097 1.202470989 1
1.44078259 1.552339652 2.009013336 1.245783691 1.080277647 1
1.170473893 0.988733071 1.294340365 0.78677805 0.351406054 1
1.408830555 1.100722077 1.028634614 0.764792583 0.935906894 0.810827823
YGL086W YGL086W::MAD1::coiled-coil protein involved in spindle-assembly
checkpoint 1 1.140627522 1.123029406 1.316449868 1 1.073824591
1.16882242 1.101884893 1 0.956898101 1.03167403 0.89116228
1.178392942 1 0.899513538 0.386612313 0.462503727 0.73798682 1
1.617213899 1.352678359 1.082753862 0.772378282 1 0.961410135
1.051631473 1.061984196 1.041034122 1.12624564 1 0.960153921
1.16347078 0.86691239 0.975427384 0.914189034 1 0.928821335
1.025247639 1.084343643 1.128798045 1.016403614 1.051624402
YGL088W YGL088W::YGL088W::molecular_function unknown 1 1.843397817
2.166248416 2.233494758 2.344253974 1 1.714211423 2.52299477
2.061640145 1 1.417179636 2.184194112 2.515190877 1
1.192088894 1.327042241 0.621423824 1 0.883019118 0.80322617
1 0.766218875 1.168020526 0.917657588 0.839644598 1.294253783 1
1.231640173 1.151434803 1.224914991 2.474939527 1.202326811 1
0.61744025 0.620480383 0.487594566 0.616669888 0.5135872 1.000838238
YGL090W YGL090W::LIF1::Ligase Interacting Factor 1; physically interacts
with DNA ligase 4 protein (Lig4p) 1 1.515495365 1.162722892 1.036115766
1 1.123610701 0.972944209 1.149407196 0.978874809 1 1.716523752
1.995989135 2.772917929 1.129134289 1 1.201443236 0.998525437
0.65694651 0.568113502 1 1.094861958
0.74374452 0.984382942 0.890201163 0.74741774 1 0.957283271
1.247235663 0.923248121 1.185635277 1.200020339 1 1.183055946
1.177042742 1.225055345 1.297581941 1.026805241 2.215328695
YGL104C YGL104C::VPS73 1 1.090385006 1.208344268 1.260479693
0.82370762 1 1.197406865 1.378614276 1.073266834 0.915805214 1
1.326876032 1.627507736 1.857825608 1.046721727 1 2.650758058
3.067402685 3.202531904 1 2.522633492 1.69721562 1.598304518
1.510975645 1 1.010933591 1.677341015 1.836213899 1.071442673
1.120255995 1 1.11545916 1.343568615 1.869362768 1.625593283
1.157927722 1 1.23698477 1.420672914 1.363366828 1.025207905
1.687999966 0.887882787
YGL106W YGL106W::MLC1::may stabilize Myo2p by binding to the neck region 1
0.762880295 1.008762372 0.830908231 0.867168494 1 0.775649534
0.768888916 1.082308724 1.156852152 1 0.758530333 0.93084597
1.044065429 0.919686126 1 0.991682356 0.748858202 0.841326454
1.042947518 1 1.529731552 1.264231635 1.362181118 1.295561466 1
1.187772003 1.350334929 1.41087457 1.106607675 1.196417289 1
0.900741394 1.500141734 1.040896842 0.909451582 1.153252271 1
1.035473708 1.158786509 1.218193399 1.442474205 1.151913131 1.457038366

YGL108C	YGL108C::YGL108C::molecular_function	unknown	1				
	1.739887772	1.114926701	1.559926711	1	0.999271912	1.073744712	
	1.687538771	1.501930126	1	1.325070841	1.548033505	1.782072981	
	1.616013192		0.905586659	0.862412229	0.886546545	0.986089393	1
	1.673573741	2.182177015	2.73182993	1.666201757	1	1.117476973	
	1.313992126	1.018218802	0.730733288	1.10262196	1	1.397936366	
	1.793249676		1.846554999	1.969955895	1	1.061558527	1.271516538
	1.012035593	0.957820407	1.314219672	1.223246689			
YGL110C	YGL110C::CUE3::Hypothetical ORF				0.897608189	0.970272934	
	1.085719784	1.027917403		1.025486619	0.922640851	1.049384154	
	0.92803049		0.81139031	1.065120987	0.675431159	1.080803829	1
	1.625982123		0.873285497	0.930484205	1	1.361865929	
	1.237313302	1	0.993815998	1.021623473	0.853673773	0.75655147	
	0.997601456	1	1.070052184	1.080924565	0.939155101	1.062870757	
	1.089560509	1	0.969015215	1.095697923	0.967887281	0.959246055	
	0.978936285	1.309057884					
YML119W	YML119W::YML119W::molecular_function	unknown	1			0.662069265	
	0.881857605	0.859304716	0.908709523	1	0.813008849	0.868915791	
	0.987430369	1	0.671463109	0.727067064	0.756357915	0.674587329	1
	0.97293114	0.616748942	0.890264975	0.834402455	1	1.440130612	
	1.699776217	1.668258579	0.739833262	1	0.960844603	0.974378304	
	0.751230483	0.883363485	0.964332832	1	0.856819147	0.66621217	
	0.545214445	1.032592703	2.115421979	1	0.922811617	0.755491172	
	0.985646089	1.20646257	1.544936666	1.052500067			
YMR002W	YMR002W::YMR002W::molecular_function	unknown	1			1.434066744	
	1.539748931	1.381067078	2.187941196	1	1.232268706	1.378059336	
	1.69214651	1.567515714	1	1.019255174	1.522052925	1.662296556	
	1.009613877	1	0.837535877	0.914730988	0.987875839	1.759188718	1
	1.737556511	1.07870652		1.343901471	1	0.968622787	1.029203987
	0.917139987	0.683497585	0.620724987	1	1.026846583	1.341540485	
	0.715202701	0.585350131	1.202704318	1	0.885212674	1.239018098	
	0.984744206	1.338779767	1.467124162	1.361595274			
YMR004W	YMR004W::MVP1::Protein required for sorting proteins to the vacuole						
	1	0.851852669	1.067449006	1.109323452	1.150001291	1	1.096778377
	1.358244446	1.048394517	1.018090234	1	0.993096874	1.193150146	
	0.886697922	1.035816786	1	1.37163407	0.879287789	1.176896689	1
	1.543399268	1.34318978	1.131890684	0.949160133	1	1.001078337	
	1.196676588	1.096536347	0.900109557	1.113081579	1	1.272922336	
	1.022798608	1.188802148	0.862967453	1	1.229281727	1.112229299	
	0.999412233	1.150440366	1.063745403				
YMR007W	YMR007W::YMR007W::molecular_function	unknown	1			1.49150248	
	1.634645412	1.250575533	1.414116351	1	1.561431271	1.05640477	
	1.638785589	1.277438102	1	2.086322264	2.631862693	4.029460361	
	1.97053033	1	0.678185495		0.972717384	0.366712602	
	1.052244062		1	0.907253604	1.132922875	1.128462448	
	0.996363889	0.939707434	1	0.837255992	1.35381288	1.305864035	
	1.175242712	2.16562034	1	0.63084926	1.495884739	1.408950135	
	1.201325235	1.463886336	1.204858665				
YMR009W	YMR009W::YMR009W::molecular_function	unknown	1			0.972724865	
	1.116756361	0.824073294	1.173559991	1	0.869968376	1.119677331	
	1	0.889779413	1.413517556	1.338901332	1.153625075	0.813445796	
	0.57345789	0.785295701		0.679873518	0.987387395	0.419633732	1
	0.965292104	1.097681287	0.701636202	0.748787941	0.811816334	1	
	1.07181978	1.515214291	0.915858652	1.395542745	2.345776875	1	
	1.099540478	1.189044308	1.083856766	1.201307693	1.498471702	1.825676073	
YMR011W	YMR011W::HXT2::hexose transporter						
	1				1.5895338	0.784390082	
	1.133261674	0.629546616	1	1.445525863	0.972315173	0.537581627	

0.587154656	1	1.880264632	0.511412547	1.599452565	0.902734908	1
3.415634715	0.223075416	1.252599804	0.917601104	1	3.106798125	
0.661302932		1.219930558	1	1.612227121	0.585449463	1.179039959
0.953624757	0.592546185	1	1.200683961	0.34198979	0.832159245	
0.364759077	0.31515789	1	1.905086074	0.51378	0.768905151	
0.88015041	0.572021719	0.290707157				
YMR013C	YMR013C::SEC59::membrane protein required for core glycosylation					1
0.913349943	0.740715936		0.630071636	1	0.766851555	0.727894883
0.630541603	0.603997914	1	0.889387511	0.700946293	0.59434835	
0.70150298	1	0.552642053	0.602052911	0.687695208	1.157512972	1
0.906848171	1.412027916	1.430528929	0.940440289	1	1.099806985	
0.903567508	1.218458386	1.00974057	1.11085259	1		0.747869741
0.60131597	0.48766713	1	0.84428239	0.878942403	0.842367564	
0.659402586	0.950052073					
YPR070W	YPR070W::MED1::Subunit 1 of the Mediator complex essential for transcriptional regulation					1
0.61341213	0.627607341	0.566355307		1	0.597188879	0.599717554
0.319531178	0.772311089	1	0.547503549	0.41794454	0.505539334	
0.803977751	1	1.171168269	1.029981131	1.522216166	1.524512422	1
0.950874694	0.989525006	0.903648328	0.789320765	1.183381515	1	
1.136248443	1.131776246	1.054288504	1.128919887	1.019333199	1	
0.85999054	0.793964317	0.947938021	0.395412607	0.816803992	1.118171805	
YMR027W	YMR027W::HRT2::High level expression reduced Ty3 Transposition					1
0.954886045	0.971153701	1.022187816	1.073364068	1	0.937743013	
0.970395482	1.110222919	1.261548722	1	0.99708395	1.138752985	
1.471056322	1.009390098	1	1.168417698		1.021283406	1.28109033
2.287494423	2.187122111	2.553278544	1.663396605	1	1.112941827	
1.371244866	1.586614226	0.994461818	1.119523777	1	1.243047205	
1.541142116	2.067340161	1.306490086	0.912160438	1	1.308861852	
1.448921412	1.137785794	0.817210014	1.254086167	1.020977592		
YPR072W	"YPR072W::NOT5::member of the NOT complex, a global negative regulator of transcription"					1
0.894585397	1	0.749382191	0.783168071	0.756208485	0.793342031	1
0.740509808	0.868720501	0.699268824	0.901568537	1	0.830878451	
0.68643155	0.632176963	0.849776839	1	1.376120387	1.396974069	
1.525853895	1.105815517	1	1.029438991	1.13262207	0.818980069	
0.713190295	1.113139873	1	1.506111974	1.547728108	1.130798853	
1.184181641	1.354457947	1	1.042507722	1.249753014	1.015796068	
1.047678947	1.034427841	1.134808707				
YMR029C	YMR029C::YMR029C::molecular_function unknown					1
0.698154725		0.762364073	1	0.7670761	0.850156249	0.821690395
0.750789133	1	0.740066415	0.928840186	0.811357491	0.910684529	1
1.164964391	0.895290402	0.936871449	1.422906833	1	2.048323157	
1.862275807	2.895562973	1.510849364	1	0.797583597	0.804762343	
1.297115063	0.779880865	1.039566485	1	1.32458251	1.165677392	
1.349565848	1.118686266	0.728378727	1	1.043300401	1.170124942	
1.070214741	0.649730035	1.025221371	1.199604884			
YPR074C	YPR074C::TKL1::Transketolase					1
0.697848385	0.346023968	1	0.982318886	0.911529295	0.45522416	
0.513740892	1	1.005749293	0.762748838	0.45997464	0.569862259	1
1.013738871	1.04234949	1.521578086	0.550598727	1	0.399117128	
0.262935891	0.308800885	0.539129656	1	0.958482887	0.672201468	
1.3428144	0.699608016	1	0.725499851	0.566371278	0.706639908	
0.655269076	0.504856548	1	0.640081192	0.566835131	0.874912525	
0.447267827	0.638867363	0.663723006				
YMR031C	YMR031C::YMR031C::molecular_function unknown					1
0.985779617	1.00660098	0.849106491	1	1.02601752	0.984054731	

0.740039703 1 1.073879794 1.392593031 1.048956525 1.007593092 1
1.31471489 1.277008262 1.268247561 0.877898417 1 1.610486039
1.175087428 1.507465062 1.017988737 1 0.952119739 1.188597149
1.180038376 0.84716028 0.963615726 1 1.036034578 0.780141956
1.137005162 0.992538271 0.863733527 1 1.444206556 1.048412299
1.361689047 0.876548101 1.084226927 0.737275415
YPR076W YPR076W::YPR076W::molecular_function unknown 1 0.997325434
0.801351918 0.778838775 1 0.928312217 1.046035263
0.999128529 1 1.008046681 0.993013472 0.935993689 1.137851073 1
0.511766701 0.426676527 0.796350185 1 1.533190195
1.061952002 1 1.043218697 1.234782673 1.319363351 1.258594806 1
0.894666194 0.724871755 0.994712693 1.235666138 0.34606128 1
0.948121236 0.94513379 1.291933283 0.841870765 1.037119257
YPR090W YPR090W::YPR090W::molecular_function unknown 1 0.911547597
0.97225799 1.176794515 0.834066483 1 1.083683169 1.069077
0.890042288 0.907472315 1 1.154384806 1.02298706 0.797302161
1.118136778 1 0.654794563 0.615792347 0.700170747 0.652105825 1
1.076263629 0.979301736 1.132170257 1.150371582 1 0.895859555
0.765077685 0.75163032 0.832678054 1 1.040427194 0.86861804
1.002658312 0.96147609 0.86061638 1 1.091567012 1.076327589
1.107298842 0.749604865 1.01656528 0.76354411
YPR092W YPR092W::YPR092W::molecular_function unknown
0.866640472 0.915336017 0.87051341 1.001724385 1.024209543
0.842537689 1.11279831 1.016466064 0.761905044 0.966262132 1
0.750406366 0.976551266 0.614852557 1 1.402420103 1.983384398
1.048439823 1 0.988381675 1.138896259 1.074529569
1.185368534 1 0.962542282 0.733903615 1.016299881 1.054670795
0.708276176 1 1.205256162 1.411421912 1.650529292 1.27755434
1.58556671
YPR094W YPR094W::RDS3::Protein required for cell viability 1
0.860217044 1.109077446 0.824434195 1.261825048 1 0.720046432
0.741867369 1.234720178 1.228583054 1 0.986229849 1.027755985
1.517828649 1.107095531 1 1.008325365 0.766544881 1.267746272 1
2.08119129 3.153539783 1.28435323 1 0.859609655 1.09387287
0.836571516 0.738521377 0.920837207 1 1.100048342 1.433036844
1.341650092 1.567397305 1.734234976 1 1.034874153 1.5813672
1.290970706 1.315660843 1.148974206 1.503446415
YPR096C YPR096C::YPR096C::molecular_function unknown 1.031818505
0.805144346 1.142745162 0.908483206 0.956475146 0.89408296
0.846662218 0.789259592 1.121237769 0.970984188 0.659071236
1.113110458 1 0.840108267 0.437726777
1 0.975614322 0.70293292 1.11188014 1.067971444 0.89950269 1
1.167944751 0.74752825 0.817606147 0.57240874 0.654870038
1.022648373 0.863106942 0.793487828 0.93722589 0.722327432 0.830967177
YPR098C YPR098C::YPR098C::molecular_function unknown 1 1.16728037
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1.742186721 1 1.037088597 1.258469054 0.988925558 0.86631678
0.959230987 1 0.951240249 1.580940161 1.477478726 1.395626434
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2.646610435 1.80378539
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1.364815894 1 1.056113623 0.924239839 0.811899637 1.332366941 1
1.717260364 2.225683529 2.582878484 1.117022158 1 0.914852642

0.613044083 0.6137495 0.953477734 1 1.109966542 1.428228629
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 0.629707068
 YMR036C YMR036C::MIH1::<u>M</u>itotic <u>I</u>nducer <u>H</u>omolog
 S.
 pombe cdc25+ homolog 0.912383663 0.827920684 0.993653521
 0.842666664 0.868820171 0.989760032 0.944137842 0.905429616
 0.767902554 1.87204273 0.879132124 1 0.460524423 0.932862301
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 0.916353038 0.657096412 1.007397834 0.932361214 1 0.669690331
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 0.920911771 0.639026081 0.694778482 0.720638564
 YMR038C "YMR038C::LYS7::Involved in lysine biosynthesis, oxidative stress
 protection" 1 0.886010048 0.875432486 0.881143803 1 1.11434627
 0.8258229 1.10547167 1.155201834 1 2.183284133 2.52481992
 3.419381162 1.130414738 1 1.957198945 0.918454549 1.179857473
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 1.700173611 2.250461054 2.630420829 1.370577338 1.143062228 1
 1.538454563 2.480917013 3.135558022 2.307510756 1 2.048853043
 1.864096861 2.197352037 0.803493671 0.764428371 1.55948636
 YMR054W YMR054W::STV1::Stv1p and Vphlp may be equivalent subunits for
 vacuolar-type H(+)-ATPases located on different organelles 1 1.397606097
 1.36090997 1.632824419 1.400868214 1 1.40669668 1.627777368
 1.383976515 1.159877139 1 2.029664276 1.718598474 0.919546915
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 0.742975153 0.765814043 0.506190439 0.527709033 1 1.263878072
 1.282400158 1.691814736 1.269765884 0.860641133 1 1.610732961
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 1.242431238 1.04167221 0.879990741 0.916693569 0.901892695
 YMR056C "YMR056C::AAC1::minor species of mitochondrial ADP/ATP translocator,
 highly homologous to PET9 (AAC2) and AAC3" 1 1.532745948 1.543232739
 1.1466911 1.317931593 1 1.17410628 1.272620716 1.540203316
 1.773265397 1 1.276146778 0.899686916 1.984986022 1.586017819 1
 0.962004143 0.673670295 1.007033098 1.783483722 1 1.341761011
 1.341813557 2.183851176 1 0.932489792 0.916284102
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 0.894656466 1 0.99757121 0.768303987 0.838117072 0.794370496
 1.4909212 0.974569543
 YMR058W YMR058W::FET3::FET3 encodes a ferro-O2-oxidoreductase that is part
 of the high-affinity iron transport system 1 0.922509315 0.748236966
 0.709861892 0.932256704 1 0.66014152 0.432956018 0.974578345 1
 3.679280393 2.624273861 0.514127727 1.033957773 1 2.571211978
 1.35167415 0.66285787 0.432762814 1 0.858177552 0.360634085
 0.155468413 0.306908879 1 2.550882051 1.705142557 2.906624376
 0.990058755 1.172226451 1 3.082679331 2.269710679 1.843912239
 1.636550469 0.085779974 1 2.611324566 1.42124079 1.281303155
 0.285357581 0.259328 0.764419775
 YMR061W YMR061W::RNA14::Protein with a role in mRNA stability and/or poly(A)
 tail length 1 0.59752204 0.704458472 0.752614452 0.687221647 1
 0.752916407 0.672953797 0.654164034 1 0.660284339 0.702910718

0.587803522	0.702664769	1	0.735195561	0.77292023	0.842522212	1	
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0.888186941	1.019418877	1.040332471	1.004715554	1	0.956675709		
0.998117227	1.052013432	1.483806937	1.092532149	1	1.277754639		
1.355217407	1.36864242	1.170216424	1.090483049	0.943922628			
YPR114W	YPR114W::YPR114W::molecular_function unknown					1	1.014024057
0.738928965	0.726361441	0.619662898	1	0.880811049	0.944441252		
0.59519167	0.726178186	1	1.148805214	0.884678922	0.814789179		
0.668538851	0.99400465	0.323558394	0.983378057	0.793547553	1		
0.949256813	0.998691911	0.78654281	0.868247628	1	1.179869484		
1.293034316	1.433293022	1.66725005	1.187091277	1	0.773954839		
0.597560337	0.840724376	0.672615194	0.456393457	1	1.060480888		
1.143531167	1.508299894	1.084266934	1.28362844	0.941295842			
YMR064W	YMR064W::AEP1::Required for the translation of OLI1 mRNA.					1	
0.843196429	0.974312684	1.081133621	0.888425274	1	0.981908777		
1.146618769	1.158172716	0.948522154	1	1.065037358	0.892167656		
0.757955204	1.186408102	1	0.854297157	0.757795232	0.666549546		
1.039085679	1	1.192637815	1.221539937	1.002298368	1.034065947	1	
0.89355301	0.978573821	0.8715566	0.832989045	1.021539996	1		
0.989077328	0.770591467	0.593887855	0.980242477	1.099868756	1		
1.240220802	1.162816779	1.407154532	1.299918462	1.381926511	0.873872775		
YPR116W	YPR116W::YPR116W::molecular_function unknown					1	
1			1	1.594285976		1	
0.41331642	0.527236418	0.534593561	1	0.613749663	1.979464716		
1.14762925	0.992506912			0.88403525	1.089779775		
0.989405685			1.173110412	1			
	0.74448926						
YMR066W	YMR066W::SOV1::Synthesis Of Var					1	0.714979198 0.945646548
1.165520042	0.910526919	1	0.912989826	0.80875827	1		
0.859696578	0.871212022	0.747099862	1.013904681	1	0.913679903		
0.781809164	0.834432229	1.046268646		0.748088544	1.299984511		
0.725118373	1	0.856828063	0.896681064	1.045688477	0.855731703		
0.938474593	1	1.283923256	1.134787216	1.299567909	2.205361335	1	
0.990721157	1.253431238	1.108177028	1.14440285	1.127803701			
YPR118W	YPR118W::YPR118W::molecular_function unknown					1	0.99223442
0.709189506	0.708581932	0.718687059	1	0.732516441	0.701618341		
0.838536973	0.793549144	1	0.896277092	0.838082383	0.573888964		
0.968182152	1	0.76083684	0.470684196	0.363507808	0.644469192	1	
1.388015668	0.912598281	0.71486272	0.93414024	1	0.919105766		
0.943793973	0.866828008	0.883645007	0.801128663	1	1.280585721		
1.518091466	1.138616252	1.003354353	1.117633256	1	0.977715243		
1.397700862	1.064857281	1.094923354	0.7128451	0.999962573			
YMR081C	"YMR081C::ISF1::May regulate NAM7 function, possibly at level of mRNA turnover"					1	
1.692370132		1.405136713	1.193884098	1			
1.364704969	0.963396477	1.628880473	2.356856455	1	1.186897192	1	
2.450541571	1.470673575	1.182412187	1	1.154797258	1.19051933		
1.113842895	0.965180033	1.019400187	1	0.891767164	0.960217359		
0.984997313	0.840699324	1.015843484	1	1.255978268	1.29664728		
0.998287338	1.30801065	1.82106255	1.238132366				
YPR120C	YPR120C::CLB5::role in DNA replication during S phase; additional functional role in formation of mitotic spindles along with Clb3 and Clb4					1	
0.704609692	0.825830717	0.79443334	0.852803865	1	0.698454771		
0.668421992	0.944456861	0.869791993	1	0.566095163	0.526866152		
0.588399047	1.100804739	1	0.368292853	0.304533813	0.50170496		
0.956577736	1	0.749717816	1.187048868	1.165306891	1.061455484	1	
0.882504152	0.794661293	0.717957687	0.736415117	1.099616879	1		

0.787101607 0.921020265 0.999356073 1.100092567 1.313241424 1
 1.077729752 1.419761158 1.403245013 1.080519988
 YPR122W "YPR122W::AXL1::determinant in axial budding pattern of haploid
 cells, involved in processing of a-factor" 1 0.940873078 0.800196798
 1.082262476 0.815135441 1 0.895387804 0.905881722 0.951952172
 0.775929819 1 1.053635372 0.963386839 0.576822293 1.027538799 1
 0.853594768 0.637379589 0.972057661 0.853416312 0.926676936
 0.876683673 0.785997871 1 1.105998188 1.136582798
 1.037361769 1.041919643 1 0.831938331 0.651767728 0.785207013
 0.757198722 0.658982262 1 0.782612406 0.812077709 0.860710749
 0.552722496 0.710122422 0.937793286
 YPR124W "YPR124W::CTR1::High affinity copper transporter into the cell,
 probable integral membrane protein" 1 0.853189692 0.794875549 1.010433612
 1.756123446 1 0.779748266 0.84257639 1.20627845 1.727549142 1
 0.869967459 1.057471432 1.751456985 3.599796463 1 1.244356605
 2.514147091 4.674190672 1 2.639622312 2.142332553 1.917744947
 8.428176443 1 1.980938943 2.05573171 1.789901868 1.159949884
 1.148894208 1 1.698546968 1.807833677 1.423242304 1.103336169
 0.546474386 1 1.989032349 2.467479522 1.192124235 0.884424315
 1.35977343 3.019151512
 YPR138C YPR138C::MEP3::ammonia permease of high capacity and low affinity;
 shows sequence similarity to Mep1p and Mep2p 1 0.828473147 0.766255253
 0.775025928 0.806600124 1 0.830729553 0.777459848 0.787720821
 0.958472353 1 0.842411573 0.713905702 0.844301632 0.675147699 1
 0.936141073 1.068502071 1.113899461 0.689340675 1 0.739279005
 0.523584251 0.519942651 1 0.908337525 0.878539722 1.029625983
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 YPR140W YPR140W::YPR140W::molecular_function unknown 1 0.845541691
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 1.207477347 0.879595055 1.144188457 0.985939726 1 0.873227923
 1.04987086 0.921173741 1.052078545 0.814635348 0.875624
 YPR142C YPR142C::YPR142C::molecular_function unknown 0.770785646
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 0.241582763 0.177551629 0.394099427 1 0.617187039 1.459779733
 0.816492658 1 0.568966828 0.58417677 0.563924821 0.907361687 1
 1.102005524 0.973199432 2.468503718 1 0.604558397
 1.190205811 1.179526162 1.028858158
 YPR144C "YPR144C::UTP19::U3 protein, localized to the nucleolus" 1
 0.849457031 0.540331609 0.750712844 0.865578942 1 0.808071083
 0.685909507 0.721469781 0.89082203 1 0.412692087 0.273292589
 0.237840369 0.813841944 1 0.226891675 0.212412 0.362177163
 0.482374902 1 0.312006941 0.630122657 0.491218649 0.905461696 1
 0.701015184 0.536187728 0.63782744 0.902771235 0.726530441 1
 0.555892564 0.436145266 0.347347194 0.785636315 0.824751511
 0.811301049 0.83314782 1.194923915 1.176156888 0.615272369 0.676857354
 YMR083W YMR083W::ADH3::alcohol dehydrogenase isoenzyme III 1
 0.991428261 0.980966189 0.711831374 0.692167043 1 0.852584377
 0.893007745 0.667264728 0.665400241 1 1.021367672 0.904335429
 0.786321152 0.706804708 1 1.263058698 1.283340263 1.763656098
 1.535744813 1 1.211420959 1.277927273 1.60133413 1.664475471 1

1.440590429	1.457560856	1.829865681	1.608445298	1.761004268	1
1.017445273	1.249009894	0.980747612	0.856623363	0.767229285	1
1.256872265	1.144139645	1.047646367	1.151146921	1.197993182	0.709255442
YMR087W	YMR087W::YMR087W::molecular_function	unknown	1	1.224728891	
1.320260121	1.128318959	1	1.036335638	0.956274962	1.20137185
1.204480432	1	1.040131533	1.021069542	2.270652135	1.210041925
1.240479843	1.093723083	1.679630585	1	1.419950299	1.997226694
1.368020465	1	0.816324338	0.97064985	1.040505207	0.778644382
0.79374773	1	0.852075745	0.951043237	1.203471713	0.969316003
1.264494258	1	1.26947446	1.159508893	1.044296414	1.345388484
1.329197238					
YMR089C	YMR089C::YTA12::Mitochondrial ATPase (similar to E. coli FtsH protein) that resides in the inner mitochondrial membrane	1	1.032971099		
0.964682423	0.83326749	1	1.087305338	1.275281876	
0.843695835	1	1.07166803	1.220520094	0.63252372	0.892163316
1.035418982	0.734780739	0.744388024	1	0.773799993	0.495773149
0.602231436	1	0.937851696	1.066433006	1.151539327	0.988050452
0.944998016	1	0.968859534	0.992156409	0.970640344	0.802600195
0.559758039	1	1.004632831	1.03633844	1.035070788	0.643552293
0.864413477	1.016599476				
YKL044W	YKL044W::YKL044W::molecular_function	unknown	1	2.122750341	
1.826173942	1.743005011	1.212755822	1	2.149800579	1.846374888
1.2857613	1.100023627	1	3.206979413	1.512315515	1.088133707
1.547896368		1	0.715940743		1
1.899357272	1.617261191	1.119559174	1.26659498	1.039358978	1
2.085910389	1.176792085	0.836121564	1.300748914	0.524002033	1
1.345230833	0.916384365	0.873277469	0.71049195	1.010079946	0.614688067
YMR091C	YMR091C::NPL6::involved in nuclear protein targeting	1			
0.658942707	0.845403203	0.702684988	0.748443927	1	0.778453941
0.771719122	0.85191381	0.736023657	1	0.794533761	0.92832854
0.921090383	0.824802056	1	0.93117443	0.628551577	0.799096565
1.108177508	1	1.38769473	1.395429694	1.789547002	1.24725673
0.938272765	1.066210945	1.057806082	0.844797053	1.08156465	1
1.00677138	1.092886266	0.965747445	1.100563034	1.279405844	1
1.243681486	1.233087743	1.188052558	0.918999568	1.023604855	1.185594872
YKL046C	YKL046C::DCW1::Defective Cell Wall	1	0.872600648	0.850187465	
1.150433746	0.626099056	1	0.941740996	0.917640406	0.825578366
0.863807393	1	0.946708387	0.937644654	0.636743208	0.996782931
1.045909666	0.755332339	0.772624998	1.118615961	1	1.084443264
0.747366351	0.72876527	1.006327949	1	1.402338506	1.188265944
1.716780705	1.75214699	1.420719893	1	1.145769406	0.962627019
0.9423644	0.99675725	0.640264201	1	0.934577606	0.799896884
0.900001512	0.661971713	0.627725202	0.643583653		
YMR093W	YMR093W::UTP15::part of small (ribosomal) subunit (SSU) processosome (contains U3 snoRNA)	1	0.606052935	0.48536054	0.648134201
0.590324772	0.519646224	0.57084026	0.655063676	1	0.323940361
0.304409504	0.20977188	0.66384553	1	0.231686798	0.364142817
0.358194746	0.519104679	1	0.465809198	0.419387353	0.487296408
0.77116424	1	0.629741308	0.572916416	0.807029314	0.872740761
0.844247935	1	0.502583633	0.564876518	0.416676118	0.709846765
0.668180471	1	0.543785188	0.553723985	0.872830018	0.799388842
0.539464309	0.786310354				
YKL060C	YKL060C::FBA1::aldolase	1	1.382284136	0.948546219	1.366971743
1.154035795	1	1.465037355	1.33457992	0.977856579	1.336818714
1.157762413	1.211203623	0.98353881	1.330102391	1	1.282525517
1.144220813	1.360607249	0.847060501	1	1.030639501	0.263794865
0.399842109	0.886356181	1	1.68813033	1.312241387	1.63257927

1.671343528 1.971114041 1 1.210533137 0.792284006 1.169539173
0.69186523 0.413513673 1 1.723976892 0.906408913 1.406041702
0.940938205 1.366292477 0.950927634
YMR107W YMR107W::YMR107W::molecular_function unknown 0.726459298
0.791478502 0.882217166 0.850724078 0.710697351 0.765572283
0.951335633 1.08290874 0.693238386 0.874731982 3.076834158
1.225694203 1 1.89419339 4.187339721 2.597612461 1.48041787 1
1.601587806 2.340743912 2.621067082 1.20821882 1 1.133150681
1.099061088 1.08535305 1.053281177 1.209947751 1 0.697852538
1.051985612 0.818332883 1.110523228 1 0.821965577 0.886974786
0.882029293 0.782103107 1.13076711 1.000838238
YKL062W YKL062W::MSN4::Transcription factor. Multicopy suppressor of snf1
mutation 1 0.828755479 0.954234664 1.308826117 1.03257221 1
1.360175898 1.493687196 0.794316425 0.733062039 1 0.714487598
0.868636267 0.825522223 1.042198814 1 1.276100934 0.653828119
1.304261666 0.830579356 1 0.602622443 0.591513107 0.627145762
0.465190423 1 0.970574448 1.49958916 1.379578114 1.118073466
1.402748912 1 0.936085218 0.70391894 1.476881281 0.920982871
0.647442673 1 1.393285164 0.845036488 1.548815931 1.685111047
0.725892293
YMR109W YMR109W::MYO5::contains proline-rich tail homology 2 (TH2) and SH3
domains 1 0.886789275 0.819254521 0.465746789 1
0.914928149 0.671804823 0.629243383 1 1.100523663 1.157037805
1.157102788 0.771962863 1 1.27487314 0.798543 1.417833039
0.703664997 1 0.998720833 1.160504926 0.864189598
0.594597013 1.954011237 0.9406135 0.652586686
1 0.470368672
YMR109W YMR109W::MYO5::contains proline-rich tail homology 2 (TH2) and SH3
domains
1 0.947951425 0.881361964 1.265156788 1.15020208 0.77160933 1
0.913613037 0.854675145 0.969608858 0.930424996 0.562160439 1
0.737587015 0.81015958 0.934286274 0.57704594 0.902326744 0.747782872
YPR146C YPR146C::YPR146C::molecular_function unknown 1 1.425032991
1.413071601 1.012297064 1.879448642 1 1.168023059 1.098428575
1.754662585 1.614978656 1 1.196006587 1.297158939 2.192795437
1.411186783 1 1.329093426 0.617531109 1.08010571 1.26828755 1
1.921752864 3.76053854 2.462713479 1.035707736 1 0.946624981
1.089757701 0.818224472 0.796060994 0.853498868 1 1.205757797
1.533053418 1.211344951 1.201301102 1.972193814 1 1.138216496
1.713568082 1.217492104 1.2823126 1.500819524
YKL064W YKL064W::MNR2::Product of gene unknown 1 1.058716809
1.040983248 1.458280924 0.947971175 1 1.358241798 1.281648157
1.018180229 1 1.156325261 1.389235874 0.934653703 1.268883695 1
1.024367291 0.910899915 1 0.790533594 1.059040949 0.631083839
0.938996131 1 0.900026983 1.054781298 1.150775577 1.460511982
1.156755112 1 0.935731314 0.60780649 1.160132627 1.312911767
0.485593089 1 0.881867857 0.547735028 0.835686548 0.622485531
0.799305202 0.528001259
YMR111C YMR111C::YMR111C::molecular_function unknown 0.861900885
0.878028709 0.943715204 0.931978509 0.790605381 0.964379419
0.946035702 0.919357272 1.035637921 1.060890173 0.978089756
1.121921421 1 1.504095278 1.459907759 1 1.521831075
1.598772873 0.84795689 1.067665129 1.103276 0.821213088
0.967397628 1 1.115999744 1.187319632 1.261437719 1.360624763
1.33646388 1 1.31962255 1.659031203 1.434046804 1.446039544
1.282345705 1.197853659

YPR148C YPR148C::YPR148C::molecular_function unknown 1 0.571424718
0.706471188 0.701931801 0.867771383 1 0.68176292 0.673988196
0.813033061 0.759455488 1 0.609867087 0.706030784 0.732796564
0.813717133 1 1.019883603 0.848854174 0.728530546 1.148483674 1
1.454977357 1.41701995 1.859210285 1.699390696 1 0.796693512
1.135455035 0.795129426 0.731331669 0.864553146 1 1.160463556
1.147070456 1.076728606 0.933522376 1.74113896 1 1.387034001
0.787822168 1.407222246 0.708214461
YKL066W YKL066W::YKL066W::molecular_function unknown 1 1.408586334
2.237259914 1.436923937 2.514011301 1 1.295707758 1.442521678
2.746794946 2.224331405 1 1.25884831 1.953946206 4.089138621
1.78088298 1 1.706301951 1.693108606 1.766243861 3.535319737
0.568113502 1.209912977 1.015272195 0.357667082 1 1.106324346
1.42177887 0.947664492 0.573060537 1.415276559 1 1.364848409
1.949077977 3.269860433 1.740052722 2.150536648 1 1.446915951
2.214806658 2.331290534 2.062378539 1.410630213
YMR113W YMR113W::FOL3::FOLinic acid requiring 0.917308821
0.728843504 1.007359144 0.809977068 0.739211062
1.007328167 0.76919323 0.852519896 0.829681835 1.005421654
1.502175589 0.919899651 0.772918006 1 1.222515331 1.067771196
0.550750654 0.906947107 1 1.234138829 0.900938592
1.054945405 1 1.165625977 0.990894753 1.324871481 1.044498324
0.624159175 1 0.988173459 1.03456633 0.655101428 0.764836476
0.703126049
YPR162C YPR162C::ORC4::Part of complex that binds to origins of replication
and thereby directs DNA replication and is also involved in transcriptional
silencing 1 0.920679273 0.870792611 1.047200077 0.957316787 1
0.968996441 1.166231869 1.045184016 1 0.877712852 0.917079905
0.857314743 1.201038665 1 0.783193847 0.874680143 0.779712203 1
0.859438011 1.165203653 0.930787863 0.936970426 1 0.993934074
1.016858007 1.029753912 0.915374503 0.988008732 1 0.926961036
0.697616221 0.798662518 0.914425047 1.231108438 1 1.019725787
0.806337267 1.021216217 0.969472094 0.851982143
YMR115W YMR115W::YMR115W::molecular_function unknown 1 1.137186308
1.016766438 1.227933466 1.064340185 1 1.104902397 1.223116172
1.084031544 0.963363087 1 1.306797321 1.310252248 1.068992286
1.305187228 1 1.054188776 1.114972725 1.096434434 0.667451973 1
1.105082038 0.886898239 0.883484085 0.749479911 1 0.843377638
1.251746557 0.984048608 0.886689502 0.885024469 1 1.497745263
1.292587046 1.286066248 0.971291797 0.891991144 1 1.092186358
1.381266215 0.858161738 0.824182981 0.725584709 0.850230918
YKL068W YKL068W::NUP100::Participates in nucleocytoplasmic transport; member
of GLFG-containing family of nucleoporins 1 1.538649056 1.335598348
1.630682963 1 1.490398043 1.369531018 1
1.37900162 1.324818118 0.806367897 1.430577439 1 0.804528575
0.7319015 1 1 1.018082451 0.884963571
1.129787868 1.022999733 1.119336735 1 0.871234973 0.710583023
0.740048846 0.803116018 0.451985053 1 0.921961295 0.744419273
1.127715169 0.992611297 0.474549451 0.740777918
YPR164W "YPR164W::MMS1::sensitive to methyl methanesulfonate (MMS),
diepoxybutane, and mitomycin C" 1 1.083109091 0.909077868 1.058256974
1.013365092 1 1.203995395 0.984536723 1.067362564 0.866244656 1
1.083186537 0.90945671 1.140119026 0.871389195 1 0.830870929
0.62403557 0.423444941 0.502349766 1 0.700562665 0.396202531
1 0.954198756 1.092512912 1.164696716 1.389136709 1.202473262 1
0.983882123 0.635541553 0.789124713 0.972645436 0.750998384 1
0.701096427 0.52670344 0.592377231 0.557850897 0.458792972 -17.51248

YKL070W	YKL070W::YKL070W::molecular_function	unknown	1	1.016878282
	0.877383556	1.056385425	0.840742906	1 1.018379981 1.146249426
	0.956577989	1 1.115793408	0.923667362	0.691890379 0.982328623 1
	0.875044516	0.943027114	0.756877263	1.064851849 1 0.787224358
	0.629636095	1.245115706	1.169829696	1.132575498 1.273596604 1
	0.764422747	0.592173974	0.91354833	0.834515115 0.426070612 1
	0.853775131	0.737475419	0.91175597	0.782264278 0.86253191 1.019226366
YPR166C	YPR166C::MRP2::14 kDa mitochondrial ribosomal protein; homologous to			
E. coli S14 protein	1	1.18879385	1.4577668	2.003902738 1
	1.121554711	1.060475556	1.463650308	1.323795564 1 0.915838855
	0.990546897	1.538197537	1.077190738	1 1.4439224 0.763903238
	0.724875029	1.407409586	1 1.648050221	1.9265056 1.811521866
	1.329775347	1 0.734755307	0.943286586	0.471477011 0.518733468
	0.825373598	1 1.113971754	1.657870424	1.122012172 0.876742197
	2.010257238	1 1.304169733	1.685109589	0.94113883 1.933395562
	1.925607377			
YKL084W	YKL084W::YKL084W::molecular_function	unknown	1	1.621522592
	1.618408358	0.949858536	1.843183359	1 1.210728955 1.01890507
	1.263621565	1.37530208	1 1.701146429	1.607241245 1.457749198
	1.378519624	1 1.15524638	0.709803228	0.558103791 1.013694045 1
	1.491397898	1.523677851	0.890894983	0.893801332 1 1.007608518
	1.215113818	1.433060849	0.985314688	0.666749588 1 1.264773493
	2.533948779	5.289150839	3.885034512	1.355004275 1 0.935111558
	1.495818407	1.105062385	1.002311764	0.436601972 1.497317073
YPR168W	YPR168W::NUT2::Negative regulator of URS2 of the HO promoter			1
	1.183489054	1.170317492	1.090110384	1 1.249247069 1.353907158
	1.201976789	1.238976578	1 1.387282645	0.82217156 1.396562905 1
		0.63077119	0.815759824	0.685694347
	0.95993934	0.684756627	0.773136816	1.003253689 0.748496474 1
	0.991895909	0.847494767	0.896120536	1.333492103 1 1.03550414
	0.96218477	0.822721169	1.149905458	0.855867481 6.968215952
YKL086W	YKL086W::YKL086W::molecular_function	unknown	1	1.139155764
	0.995072139	1.688047769	0.937312305	1 1.645469742 1.880092863
	0.949338938	1 1.305647183	1.378094054	0.780814607 1.060202641 1
	0.88490339	0.742569213	1.117504752	0.671282649 1 0.988804107
	1.043401573	0.866498042	0.716109012	1 1.271816696 0.846050353
	0.923258901	1.101397426	0.950147787	1 1.151870173 0.856114846
	1.060558026	0.68840153	0.710880106	1 0.820047977 0.936844263
	0.69157608	1.189058225	0.693486067	1.024480042
YPR170C	YPR170C::YPR170C::molecular_function	unknown	1	1.633090597
	1.598895897	1.125632023	1.98420618	1 1.426795031 1.179560713
	1.470402161	1.521213827	1 1.375770957	1.278074079 1.357909586
	1.201953472	1 0.980689989	0.549422131	0.543161616 0.907940621 1
	1.080037626	0.908592628	1.885227138	1 1.40848947 1.196395997
	0.954362832	1.23440676	1.120994949	1 0.855470749 1.329462716
	0.726178924	0.638220426	1.623558446	1 0.994668979 0.899039817
	0.901867921	1.643706886	1.280214698	1.992044684
YPR172W	YPR172W::YPR172W::molecular_function	unknown	1	0.837289274
	0.848853155	1.078352075	0.636621662	1 1.130159525 0.968492347
	0.903560663	1 0.922196112	0.738116705	0.724202193 0.859373753 1
	0.468589832	0.796017146	0.810694314	1 0.904171439 1.605878102
	1.192059494	0.516619187	1 1.088152709	0.997757103 1.044060492
	1.242041698	1.202097025	1 0.915520926	0.507797766 0.605383387
	0.594067288	0.638887235	1 0.903826946	0.528437523 0.816101349
	0.906857702	0.689116088		
YPR186C	YPR186C::PZF1::Transcription factor IIIA (TFIIIA) with putative Zn-fingers			
	1	0.938591936	0.915702646	1.250701233 1.281101329 1

0.925329868	0.971726257	1.069347705	1.11341467	1	0.836250387
0.813650227	0.738440887	1.07751094	1		0.756170117
1.08449683	0.372533432			1	0.787473467
0.567949577	0.736757388	0.965169327	1	0.734293635	0.740333939
1.118500957	2.180342589	1	0.892118734	0.759876346	1.037428383
0.542041175	1.531268543				
YPR188C	"YPR188C::MLC2::Mlc2p is likely the regulatory light chain for the type II myosin, Myo1p." 1				
	0.89296322	1.26172438	0.827128473	1.666803547	1
	0.715693683	1.428044281	1	0.751947505	0.962987326
1.363784872	1.08901509	1	0.672456836	0.687011383	0.728951944
1.386777222	1	1.649214634	2.502603932	2.898749683	1.334406729
0.818650661	0.934676349	0.615878546	0.654373424	0.875273332	1
1.066059442	1.384559354	1.186292577	1.275228514	2.052980883	1
1.020142819	1.274649785	1.01610433	1.683712817	1.047295093	1.254769164
YMR119W	"YMR119W::ASI1::Amino acid Sensor-Independent (ASI) genes encode membrane proteins Asilp, Asi2p and Asi3p. Asilp and Asi3p have conserved ubiquitin ligase-like RING domains at their C-termini" 1.184498109				
	0.804005474	0.661783043	1.053333366	0.941313367	0.667789931
	0.59225441	1.444347081	1.113775973	0.613497122	0.855636399
1.449774328	0.919935759	1.169977684	0.663856544	1	1.115896207
0.938322823	0.705125746	0.776572429	1	1.353231396	1.525724559
1.304270414	1.103321917	1	1.366071118	0.959226524	1.481043932
0.950353114	0.733543485	1	1.126925804	1.112646681	1.020033982
0.69316517	1.081227575	0.800320314			
YMR134W	YMR134W::YMR134W::molecular_function unknown 1 0.938600837				
	1.079399053	1.171708362	1	0.759340937	0.698847815
	0.988227114	1	0.904456262	0.962001799	0.969734722
	1.063301793	0.869992778	0.726330621	0.859128643	1
	2.459472945	1.850746799	1.066129458	1	0.812914678
	0.778954119	0.938455153	1	0.726969199	0.96601215
	1.965506109	1.60482969	1	0.649393809	0.967291342
	1.226738021	0.889226013	1.090151884		
YMR136W	YMR136W::GAT2::Similar to GATA-family of DNA binding proteins 1				
	0.908619409	0.90888676	0.82702252	0.782970683	1
	1.070177468	0.704974723	0.544819116	1	1.211445877
	0.963320154	0.838558852	1	1.856351913	1.399989087
	0.589804613	0.850326302		0.561228377	1
	1.128065348	1.457824706	1.226265179	1	1.02788564
	0.721645952	0.696490842	1.197286745	1	1.014374221
	0.927120683	1.465664112	1.569053043	0.76879789	
YKL088W	YKL088W::YKL088W::molecular_function unknown 1 0.817364054				
	0.936805749	1.171141609	0.906444171	1	1.037651159
	0.911388453	1	1.007912826	1.029944995	0.817085292
	1.509991962	1.23401969	1.178662957	0.999182528	1
	1.239322328	0.875408287	1.157863551	1	0.92404903
	1.008753277	0.822704305	0.901371066	1	1.140875931
	1.146585804	1.066743201	0.676168249	1	1.205482374
	1.121880772	0.928980435	0.949626843	0.753036653	
YMR138W	YMR138W::CIN4::Protein involved in chromosome segregation and microtubule function; homologue of human Arl2 1 0.96498803 1.094283992				
	0.914772272	1.286556447	1	0.852978506	0.812749197
	1.155708353	1	0.831797408	0.866436709	0.719756422
	0.948247768		0.97355422		0.848677711
	1.240540522	1.38398032	1.001314018	1.046665033	1.087018311
	0.890943536	1.103397585	0.768603304	1.108100154	1.410162512
	0.981410222	1.094625301	0.842823204	1.51956317	0.976267652

YKL090W	YKL090W::CUE2::Hypothetical ORF	1	0.894610866	1.00918504
	1.208752938	1.217269851	1	0.980785326
	0.807219609	0.998339964		
	1.170418877	1	0.828983887	0.901982532
	0.914100476	1.011081367	1	
	0.692139895	0.506146254	0.988118301	1
	1.000065265			
	1.898427505	1.565131894	1	1.022975157
	1.023234164	1.052746783		
	0.864093836	1.149157126	1	0.842037194
	1.034838808	1.162933059		
	0.88480421	0.799881557	1	0.837631905
	0.951809975	0.877657901		
	1.192342462	0.807817864	0.799444701	
YMR140W	YMR140W::YMR140W::molecular_function unknown	1	1.234401726	
	1.109280201	1.691149211	0.908745784	1
	1.432572701	1.784967558		
	1.116782596	0.909384014	1	1.420574226
	1.564406511	0.928539735		
	1.677993748	1.075239808	0.791633568	
	1.129598597	1.25670666	1.514874187	1.125986118
	1.187024259	1		
	1.217306666	0.75531797	0.848280004	0.890246665
	0.499229051	1		
	1.106288013	0.93919678	1.052142676	0.809490775
	0.943586757	0.966688872		
YKL092C	YKL092C::BUD2::GTPase-activating protein (GAP) for Rsr1p/Bud1p	1		
	1.622405312	1.285566178	1.489229347	1.144361455
	1.618799271			
	1.464326557	1.105491398	1	1.357871822
	1.143409072	1.038091959		
	1.124130269	1	0.999607968	0.618124556
	0.797990186	1		
	0.961313257	0.802730073	0.735661992	0.693201212
	1.069961132			
	0.902830295	1.060528902	1.138792895	1.253498498
	0.86460438			
	0.514145292	0.816735532	0.771490071	0.455413742
	0.837892681			
	0.667612364	0.794106395	0.925817791	0.846893504
	0.83184279			
YMR144W	YMR144W::YMR144W::molecular_function unknown	1	1.261545339	
	1.318860934	1.189803663	1.528548809	1
	1.250378635	1.016129214		
	1.216732136	1.185068048	1	0.811460619
	1.134148599	1.077873139		
	1.345843922	1	1.009288925	0.955865023
	0.690351025			
	0.472501363	0.67945875	1	0.863750794
	1.081068816	0.825604758		
	0.777222157	1.088046244		
	0.864003633	0.871390641	0.728665129	
	1.261786546	1.034839231	1	1.186372615
	1.135178189	1.098036461		
	1.311469407	1.285149182	1.080519988	
YKL094W	YKL094W::YJU3::Product of gene unknown	1	1.144850098	
	1.277518774	1.18685899	1.453975299	1
	1.243621054	1.31500474		
	1.433659334	1	1.078008099	1.391066021
	1.397427789	1.217712478	1	
	1.800304941	1.077795436	1.536360831	2.133375888
	1.921369868			
	1.87686951	2.454466855	1.593181208	1
	0.966675444	0.895629392		
	1.027496861	0.892648181	1.154750007	1
	1.633728845	1.735764426		
	1.914402933	1.177778489	1.246618409	1
	1.178607892	1.104788804		
	0.741653047	1.288138482	0.715972711	1.240759256
YMR146C	YMR146C::TIF34::p39 subunit of translation initiation factor eIF3	1		
	1.194024259	1.009060726	1.090715702	1.005449929
	1.151882433			
	1.055069116	0.932526527	1.079387767	1
	0.942502725	0.851118627		
	0.719301585	0.945995061	1	1.283880351
	0.821171414	0.738091936		
	0.740213883	1	0.721584613	0.266589285
	0.807402261	1		
	1.028545654	1.000546431	0.845829049	1.039985806
	1.119610448	1		
	0.871441851	0.796313212	0.582776505	0.618020524
	0.723833711	1		
	0.876147702	0.775072617	0.913941705	1.130076401
	0.648076405	0.706628552		
YPR190C	YPR190C::RPC82::82-kDa subunit of RNA polymerase III (C)	1		
	0.737872779	0.696047714	0.751606048	0.715810792
	0.787352785			
	0.827880456	0.80192521	0.859965234	1
	0.518696393	0.420000746		
	0.417537766	0.916360293	1	0.475198624
	0.316697075	0.425212644		
	0.540598776	1	0.655200171	0.873073378
	0.81849853	0.707335917	1	
	0.826458179	0.690914173	0.745460792	0.96737714
	0.962085482	1		
	0.591099183	0.58052454	0.534514597	0.848146092
	0.854361624			
	0.795393186	0.798908883	1.0739717	1.120663227
	0.850558155	0.769673503		
YKL107W	YKL107W::YKL107W::molecular_function unknown	1	1.724963975	
	1.621821844	1.675704531	1.805944835	1
	1.634009427	1.636990915		

	1.65989002	1	1.55326203	1.611416046	2.130545974	1.559564187		
	0.549926216					0.940399065		
	0.955376227	1.093172749	1.165405131	1.012370546	1	0.681289361		
	0.851470306	1.220901613	1.105632252	0.775736821	1	0.864559731		
	0.947399429	1.058137833	1.017772217	0.954860184	0.852857756			
YMR160W	YMR160W::YMR160W::molecular_function unknown				1	1.153359405		
	1.107023354	1.348773298	0.870443517	1	1.315734979	1.249911338		
	1.032652792	0.900680654	1	1.236673107	1.456490144	0.9905632		
	1.13434603	1	1.091176084	0.877437406	0.780728586	0.754899768	1	
	0.666562011	0.846126664	0.830322742	0.766018577	1	1.179301707		
	1.084280945	1.479914266	1.382164271	1.128539888	1	1.223558129		
	1.144721593	0.937658397	0.970396765	0.338555834	1	1.145280833		
	0.812067735	1.017875621	0.856494434	0.649391216	1.267027951			
YPR192W	YPR192W::AQY1::Aquaporin				1	1.031715986	0.919847833	
	1.342064949	0.716833954	1	1.022323127	1.089735462	1.070214891		
	1.19319582	1	1.300153436	1.197673955	1.3786385	1.202489796	1	
	0.937970492	2.010566401	1.557864091	0.617340261	1	0.477002431		
	0.673463267	0.577155719	0.389088421	1		1.073983336		
	1.371061089	1.263802679	1	1.107743587		1.767203538		1
		0.697647049		0.967549456	0.810827823			
YMR162C	YMR162C::DNF3::Drs2 Neol Family				1	2.728475386	2.942500581	
	2.889087857	1		3.001857176	1	2.541387762		
		1				0.204893391		
	1	1.137850577	0.943032418	0.932294645	1.304987933	1.014907008	1	
	1.006975673	1.050755236		0.815939107	0.865501265	1	0.765118044	
	0.944300524	0.821413497	0.854799858	0.838752689	1.280162299			
YKL109W	YKL109W::HAP4::Regulates respiratory functions; encodes divergent overlapping transcripts							
	1	1.128973288	1.128063328	1.155327375	1.110793639	1		
	1.297512264	1.157182213	0.854235147	0.829237889	1	0.604844614		
	0.741764513	0.834469711	0.772242072	1	1.551652774	1.825886003		
	1	0.940027192		0.988563077	1	0.825397949	0.741094109	
	0.664462226	0.885953729	1.323309251	1	0.384401655	0.372780255		
	0.532981284	0.776569026	0.659220942	1	0.579749182	0.506758615		
	1.440725895	1.28513464	0.829215951					
YMR164C	YMR164C::MSS11::Multicopy Suppressor of STA10 - 11							
	0.901302076	0.955468287		0.977990044	1.02185441	1.052249961		
	0.919536128		1.025992845	1.002715731	0.731522301	0.976052012	1	
	1.404586157		1.442128554	1.171152005	1	0.796352349	1.454155978	
	0.823525122	0.538564735	1	0.861045391	0.852096931	1.032988663		
	0.72191568	1.089725028	1	1.224318116	1.169061904	1.075282583		
	0.856352259	0.826645334	1	1.328384618	1.368073599	1.312600689		
	1.31767005	1.126035091	0.95530575					
YPR194C	YPR194C::OPT2::oligopeptide transporter				1	0.781783366		
	0.522868316	0.699138577	0.387969162	1	0.923792339	0.878548635		
	0.551509461	0.419172579	1	1.35035795	1.059445022	0.502640713		
	0.61922564	1	1.67867346	1.346692054	1.259809581	0.423530259	1	
	1.18944904	0.929068537	0.569049549	0.484170088	1	0.934733476		
	0.996642859	1.269161084	1.890250657	1.52295007	1	0.489417788		
	0.322643555	0.671610204	0.930554674	1.750932636	1	0.571851973		
	0.465070916	1.061912682		3.639137527	1.96752711			
YKL111C	YKL111C::YKL111C::molecular_function unknown				1	1.282988787		
	1.431351995	1.010959655	1.963414546	1	1.073395105	0.960432551		
	1.715473473	1.577395083	1	0.760923203	0.929163194	1.386618357		
	1.196066724	1	1.177731779	0.998016094	1.014030357	1.863069207		
	0.57277018	0.952722586	0.817790864	0.358754234	1	0.690180379		
	0.655118719	0.513978193	0.533747766	0.708433201	1	0.883268557		

0.916635694 1.000817226 0.581054688 1.287473253 1 1.195792308
 1.297514687 2.237967965 1.83267329 1.476302055
 YPR196W YPR196W::YPR196W::molecular_function unknown 1 0.996486693
 0.781075989 0.934735607 1 0.970940478 0.810808264
 0.946028704 1 0.890964089 0.67703053 0.724101541 0.776294608 1
 1.074269534 1.198092138 0.409786782
 0.435940726 1 0.828259683 0.707684325 0.927720829 0.968585344
 0.729374825 1 1.107107576 1.223349574 1.033422579 1.203945295
 1.797409322 1 0.858172628 1.232662467 0.911241401 0.758122843
 0.818687629 1.574371933
 YKL113C YKL113C::RAD27::DNA repair protein that belongs to the
 RAD2 (pombe)/FEN1 subfamily 1 1.194359069 1.217104999 1.278558314
 1.362368045 1 1.156646981 1.134319947 1.292313589 1
 0.941048104 0.838295479 0.95265503 1.355864744 1 0.657827563
 0.434091842 0.947718201 0.710141887 0.825245595 0.630001817
 1 0.98190065 0.943065178 0.946395724 0.966742961 1.032259618 1
 1.039521941 1.067273282 1.059624877 0.893266391 0.942890166 1
 0.948971433 0.958923928 0.767221938 1.10911731 0.788926455 0.911524592
 YKL115C YKL115C::YKL115C::molecular_function unknown 1 1.601572536
 1 1.870610955 1 1.408457072
 1.630437076 1.844922558 1.759375836 1 1.34526938 1.621554017
 1 0.907873819 2.187843347 1.515065 1 0.882640274
 1.121107827 0.8914007 1.068082632 1 0.728936952 0.734655789
 0.743305852 0.926973031 0.676006803 1 0.793032119 0.783180775
 0.904321646 0.963007972 0.799027444 0.718887286
 YKL117W "YKL117W::SBA1::SBA1p binds to Hsp90 and is important for pp60v-src
 activity in yeast, shows similarity to the mammalian P-Twenty-Three proteins" 1
 0.843397497 1.232915938 1.087161352 1.935766597 1 0.947032998
 0.961150538 1.679800522 1 0.791579862 1.078094008 1.743851319
 1.177526264 1 1.225382489 1.187490845 1.598964776 2.317835586 1
 1.666526676 3.422840989 1.949216833 1 1.384813718 1.729551166
 1.658830212 0.99907933 1.405036088 1 1.163923187 1.776882673
 1.605654041 1.195604345 1.256087363 1 1.115102183 1.406333875
 1.055468011 1.218918825 1.166965628 1.631287543
 YMR167W "YMR167W::MLH1::Required for mismatch repair in mitosis and meiosis,
 low levels of postmeiotic segregation, and high spore viability"
 1.034281048 0.93724723 0.989737695 0.854773932 0.846852552
 0.928336617 0.968868781 0.882267324 1 1.231849199
 0.86830208 0.948985894 1 1.089334684 1.662616846 0.898284979
 0.857768707 1 0.943936849 1.115362136 1.105714525 0.990964396
 1.075299928 1 0.962784925 1.04270422 0.80011606 1.038191566
 0.72540527 1 0.7193377 0.9248129 0.82178148 0.925346636
 0.92530443 1.302052878
 YMR170C YMR170C::ALD2::Expression induced in response to high osmotic stress.
 NAD+ is preferred coenzyme. 1 1.067292397 1.38434537 2.273053177
 1.800202975 1 1.314338392 2.291814292 2.06457715 2.869116039 1
 1.000266387 1.737630372 4.34834317 2.509425154 1 2.788803515
 5.079325894 10.99743968 6.387910332 1 2.209249211 2.316205796
 6.587460834 5.036787865 1 1.015052828 1.355482102 1.790447006
 1.066316822 1.058759 1 0.924718126 1.156253829 1.485892693
 1.404700525 0.768608044 1 0.96225355 1.103390271 1.156710686
 0.917816829 1.494385582 1.110291238
 YMR172W YMR172W::HOT1::high osmolarity induced transcription
 0.895145647 0.849745064 0.909256712 0.859912005
 0.980069577 0.748697462 0.899795798
 0.620259856 0.476164685 1 1.32560238
 0.672952123 0.922399007 0.974256501 1 0.847335422 1.087134093

0.986112811 1.065869008 1.021856269 1 0.849441899 1.019947677
 0.815503123 0.818046928 0.773336825 1.31080911
 YKL131W YKL131W::YKL131W::molecular_function unknown 1 1.100497003
 1.107490451 1.252056788 1.176998323 1 1.129772103 1.429335484
 1.217880813 1 1.167874629 1.099791357 0.804098852 1.132278102 1
 0.967879473 1 1.17011168 0.553885819 1
 0.879845535 0.829671459 0.734623647 1.051673251 1.253314665 1
 0.855034336 0.719605497 0.811200461 0.856121552 0.579888165 1
 0.829703686 0.674542578 0.905600014 0.923991066 0.71404455 0.622568686
 YMR188C YMR188C::YMR188C::molecular_function unknown 0.635344059
 1.399607291 0.891162352 1.419505097 0.908046
 1.266284516 0.913869076 1.043966667 1.264388432 1.028917438 1
 0.961685543 0.885297842 0.540255473 1.41562436 1 1.391064169
 2.071767733 2.191745151 1.285049454 1 1.179119513 1.292968317
 0.67354569 0.620629373 1.239674989 1 1.123418865 1.66267666
 1.297012252 1.17189573 2.48808022 1 1.477550881 1.625084519
 0.889781917 1.93374678 1.949215077 1.180341195
 YKL133C YKL133C::YKL133C::molecular_function unknown 1 0.899141783
 1.283239264 1.081145429 1.335848515 1 1.011907815 1.153368156
 1.085751815 1 1.001222332 1.248232296 1.362852557 1.153236581 1
 1.345336379 0.88385299 1.833683911 0.846867859
 0.427243669 1 1.278854743 1.595074541 1.108286239 0.914205707
 1.135237975 1 1.075065626 1.727082625 1.982005127 1.427629859
 1.429262206 1 1.378770204 1.494076091 1.254126875 1.493500965
 1.774593407 1.193475543
 YMR190C "YMR190C::SGS1::Involved in maintaining genome stability. Homologous
 to E. coli RecQ and human BLM and WRN proteins that are defective in the cancer-
 prone disorder Bloom's syndrome and the premature aging disorder Werner's
 syndrome, respectively" 1 1.268334535 1.30221764 1.426723984 1.270171105 1
 1.427799614 1.303177399 1 1.159881297 1.19938006
 0.970792055 1.093748313 1.124321724
 0.876229998 1 0.957468422 1.005954674 0.948711849 0.959466657
 1.125777551 1 0.954026769 0.935157128 0.91977665 0.858180879
 1.028013675 1 0.703272514 0.867686606 0.78503634 1.064208616
 1.085356981 1.049873177
 YKL135C "YKL135C::APL2::Beta-adaptin, large subunit of the clathrin-
 associated protein (AP-1) complex" 1 0.70245774 0.988002657
 0.700532988 1 0.882436173 0.652870222 1 0.8911609
 0.850422289 0.558905457 0.856384817 1.546849937 1.090010332
 1.24589914 1.500451155 1 1.648127 1.005904684 1.549195757 1
 1.081476813 1.106972367 1.156899005 1.160594065 1.051392441 1
 1.142090906 0.746958735 1.273984195 1.176205786 0.482162162 1
 1.111252791 0.796111598 1.055972634 0.796492533 1.030053835 0.680359857
 YMR192W YMR192W::YMR192W::molecular_function unknown 1 0.921589033
 0.9242138 0.987443442 0.8921855 1 1.02702793 1.102354989
 1.001695493 0.94604574 1 0.80704035 1.007768659 0.81853463
 1.036910329 1 1.168241856 1.082430707 0.925145609
 1.029417433 0.999555454 1.133585751 0.834786856
 1.010456827 1 1.272564821 0.808379684 1.138193918 1.053110016
 0.671859019 1 0.970398651 0.973903538 0.952579478 0.967568523
 0.795559225 1.56211325
 YKL137W YKL137W::YKL137W::molecular_function unknown 1 1.042614362
 1.42463197 1.156296026 1.939534396 1 1.091290346 1.074284831
 1.612559622 1.76201647 1 1.084918532 1.404314882 1.939359333
 1.16981005 1 1.70043721 1.74690975 1.890990212 2.117517362 1
 1.929275259 2.332302812 1.957458762 1.112342734 1 0.897255508
 1.06794392 0.589400457 0.608696884 0.960763547 1 1.17984983

1.850872316 1.60291928 1.216903056 1.954147854 1 1.387498366
1.974190882 0.986484305 1.960083363 2.142921234 1.42551589
YMR195W YMR195W::ICY1::Interacting with the cytoskeleton
 Involved in
chromatin organization and nuclear transport
 Genetically interacts with
<i>TCP1</i> and <i>ICY2</i> 1 1.247943933 1.647530967 0.938783311
1.583283071 1 1.069162352 1.10956686 1.207727595 1.131452214 1
2.841115718 2.729597155 3.750519075 2.115453558 1 2.040577195
1.445800558 1.347380359 1.474828386 1 2.169172033 3.329843031
2.60153605 1.183571235 1 1.403689369 1.453703462 1.187904232
1.07955425 1.586483083 1 2.121041161 2.483455015 4.380175846
1.815639727 2.752911987 1 0.980859406 1.176006983 1.048772854
1.818609635 1.770487948 1.488560842
YMR197C YMR197C::VTI1::Involved in cis-Golgi membrane traffic 1
0.814752176 1.28681349 1.03749366 1.505481706 1 0.936910687
1.101716278 1.329002145 1.303857787 1 1.00130556 1.494943689
2.282309152 1.289577562 1 1.581874579 1.193368504 1.588152455
2.235997683 1 1.869292612 3.767341746 3.769870223 1.315322826 1
1.166525587 1.498691696 1.133109817 0.833978284 1.167090483 1
1.062881155 1.636838636 1.446420124 1.546025686 2.421693967 1
1.668202543 1.92429442 1.408342845 2.336660933 2.303589581 1.075266311
YKL139W YKL139W::CTK1::putative kinase subunit of the kinase complex that
phosphorylates the RPO21 CTD (carboxy-terminal domain); also called CTDK-I alpha
subunit 1 1.316618005 1.297260247 1.486507837 1.545424161 1
1.355967722 1.382032908 1.414802823 1 0.968952146 1.151293557
1.02715915 1.355122123 1 1.575666339 1.278902561
0.437726777 0.839968098 0.807250499
0.819274003 1.016198099 1 0.808851464 0.974738971 0.983747701
1.184106422 1 1.010185125 1.215903075 1.138940397 1.32890482
1.087660054 0.992082006
YMR199W YMR199W::CLN1::role in cell cycle START 0.941934537
0.883722794 1.259032448 0.894777641 0.975363229 0.812212708
0.910684128 0.676359539 0.643091915 0.653228412 1.156186003 1
0.733462698 0.495123078 0.399309275 1
0.787253992 0.70544713 0.897523674 0.77087668 1.247664535 1
0.805414765 0.820204768 0.75371679 0.78364168 0.70426246 1
0.788012082 0.904951762 1.196957637 1.528748831 1.23074873 0.949176408
YKL141W "YKL141W::SDH3::Yeast succinate dehydrogenase (SDH) is a tetramer of
non-equivalent subunits--Sdh1p, Sdh2p, Sdh3p, Sdh4p--that couples the oxidation
of succinate to the transfer of electrons to ubiquinone." 1 1.353611362
1.574105529 1.113802427 1.788898316 1 1.244981247 1.292911451
1.094235703 1.692682386 1 1.181552424 0.979869796 2.093054523
1.131373288 1 1.363062398 0.67774585 1.446302658 2.048849035 1
1.250230753 0.820117189 1.703076393 1.670573234 1 1.151697994
0.514899191 0.399485311 1.936832603 1.310710735 1 0.424825265
0.159632271 0.114408628 0.200101286 0.817401517 1 0.286598878
0.080800621 0.188584216 0.693212951 0.724936669 1.268779177
YMR214W YMR214W::SCJ1::dnaJ homolog 1 1.36535548 1.425813391
1.280292764 1.061077464 1 1.241613706 1.182874476 1.483979583
1.287850933 1 1.130842472 1.362488284 1.201623839 1.326374008 1
0.942260665 0.750213031 0.868302894 1 1.342582267
1.603150956 1.20696195 1 1.07759172 1.013895407 1.328824309
1.158596615 1.094471064 1 1.153185345 1.320421701 1.136514643
1.30758155 0.909233215 1 0.666757582 0.889023152 0.73206436
0.700352537 0.456175727 1.208361116
YKL155C YKL155C::RSM22::mitochondrial ribosome small subunit component 1
0.676477443 1.007368212 1.126425219 1.036553968 1 0.934944069
1.045855304 1.074897648 1.124324102 1 0.841466684 0.841964869

0.93799174 0.989966594 1 0.660774782 0.588848176 0.744689104 1
 1.260014301 1.796876509 1.713217538 1.350204524 1 1.03895392
 1.341745435 1.12455554 1.032100711 1.149844445 1 1.260620042
 0.853033605 0.987156303 0.780274252 0.505514764 1 0.8278221
 0.675363678 0.626233552 0.642729628 0.839367005
 YKL157W YKL157W::APE2::Removal of intron fused YKL158W and YKL157W (Davis et al.(2000) NAR 28:1700-6).
 1 0.905172539 0.81092032 1.476312504 0.797708165 1 1.319216945
 1.435243341 0.833709333 0.866683092 1 1.110103229 1.307788066
 0.713231173 1.277180417 1 1.601699287 1.840684885 2.033319538
 0.935404897 1 0.832847595 0.430846903 0.592898426 0.860026279 1
 1.057519736 1.251382888 1.493047007 1.383109622 1.022761843 1
 1.05111397 0.631026924 1.174535941 1.161072358 0.329689681 1
 0.958675218 0.797640474 1.269961108 0.658740477 0.98394009 0.637454259
 YKL159C YKL159C::RCN1::Regulator of calcineurin 1 1.031715986
 1.217354893 0.829362261 1.05716057 1 0.968867199 1.076104588
 1.052412458 1.081202974 1 1.003046028 1.18939651 1.334903429
 0.921272626 1 1.197863141 1.096090475 1.214286765 1
 1.444217803 1.976541036 1.213952859 1.237837749 1 0.959119708
 0.974251992 1.132108679 1.00979159 0.996582244 1 0.936405135
 0.827559999 0.774088543 0.868391865 0.874652061 1 0.78063329
 0.89557063 0.928554924 1.093437557 0.812259916 1.186470537
 YKL161C YKL161C::YKL161C::not yet annotated 1 0.961112866 0.959500854
 0.970005112 1.051172096 1 1.185810283 1.18650317 1.101645003
 1.141333104 1 0.948892451 0.968450311 0.699246331 1.156222328 1
 0.417628954 0.790392228 0.855677269 1 0.787755145 1.336287254
 0.517637885 0.726198175 1 0.99840205 0.997708916 1.087728365
 1.135691252 0.991326723 1 0.944815248 1.149196072 1.021950461
 0.926801934 0.949100917 1 0.985993003 0.865833276 1.091033718
 1.077913261 0.857262916 0.938668951
 YMR216C YMR216C::SKY1::SRPK1-like Kinase in Yeast (SRPK1 is a human serine kinase that specifically phosphorylates arginine-serine rich domains found in the SR family of splicing factors.) 1 1.140994246 1.055306184 1.034690756
 1.16655585 1 1.133004334 1.063709719 1.331575702 1.086714624 1
 0.967733362 1.119582645 1.133203396 1.378685093 1 0.84888144
 0.429540977 1 0.91789577 0.254506462 1 0.792270657
 0.761341073 1.205983733 1.065949927 0.947807298 1 1.005457658
 0.760424846 0.930881313 1.210568099 0.58020222 1 0.70229571
 0.597530988 0.976494777 0.608161167 0.632994303 0.665474232
 YMR218C YMR218C::TRS130::targeting complex (TRAPP) component involved in ER to Golgi membrane traffic; 130kD subunit 1 1.651172759 1.716832136
 1.542124291 1.618510683 1 1.55218958 1.617762676 1.602122957
 1.229504704 1 1.539381658 1.739528522 2.197537277 1.270378546 1
 2.699657137 2.335692098 1 1.850367394 2.089803098
 1.69727174 1 1.169753688 1.418243816 1.531721691 1.131523222
 1.300201711 1 0.878938805 0.988700734 1.154018487 1.198002966 1
 0.896323573 1.030235537 0.834266606 0.72894755 1.125905723 1.058629408
 YFL018WA YFL018WA 0.695677152 1.147928562 0.623925499 1.290281102
 0.638053668 0.663422698 1.158032537 1.044498912 0.682387694
 0.82501923 1.105463413 0.797876033 1 0.999293338 0.512188989
 0.632599265 1.346047588 1 1.654391617 2.102495241 1.594573931
 1.033908328 1 1.017525048 0.858717658 0.620958236 0.624968185
 0.872936011 1 1.222584066 1.576184139 1.058694755 1.628832938
 2.669756009 1 0.944078304 1.315484174 1.200987693 1.909544422
 1.462370801 1.45090892

YMR220W YMR220W::ERG8::Involved in isoprene and ergosterol biosynthesis pathways 1 1.129596739 1.064338708 1.078651449 1.042194728 1
1.175767058 1.030087086 1.212705077 1.124717422 1 0.797814188
1.019220649 0.829776237 0.897084008 1 0.855247619 0.700170984
0.782757166 0.638791048 1 1.158617894 0.889394238 1.280291422 1
0.729637646 0.659287158 0.834220781 0.861835436 0.867619261 1
0.619821634 0.473607606 0.51742255 0.831899633 0.812019946 1
0.623321921 0.492557358 0.94537348 0.921482221 0.759480307 0.661096116
YKL163W YKL163W::PIR3::Protein containing tandem internal repeats 1
1.057063033 0.77102858 0.739982429 0.487399749 1 1.209263781
1.271242381 0.459646454 0.595146862 1 1.319995303 1.438690999
1.552936949 0.478452695 1 1.736203841 2.417350134 3.202128664
1.505708043 1 0.665299616 0.399552303 0.688432108 0.865307603 1
0.837180248 0.918871637 1.098165923 1.028877473 1.063724802 1
0.616555825 0.643280502 0.506274047 0.311989086 0.581168866 1
0.575412873 0.5343883 0.522423806 0.591207249 0.757138318 1.04024128
YMR142C YMR142C::RPL13B::Homology to rat L13 1 1.688654089
1.717223936 1.279209284 2.265656776 1 1.310999718 1.074065031
1.768476193 1.688430618 1 1.079816846 1.261883314 1.214241378
1.291262424 1 0.865508337 0.622741831 0.281641072 0.558915981 1
1.122740362 1.242791136 0.597843403 0.93594008 1 1.092743334
0.932314649 0.822049615 0.99386658 1.232922322 1 1.237035414
1.738704546 0.875379072 0.773321012 1.725231976 1 1.256125572
1.354831277 0.880540301 1.795861602 1.102051184 1.339704695
YMR222C YMR222C::FSH2 1 1.243777742 1.332182107 0.769220954
0.533286179 1 1.137493173 1.256185784 0.998687806 0.837993349 1
1.264523838 1.360120667 1.858823049 0.758740564 1 0.501898372
0.751287316 0.756517319 0.970811344 1 1.089745293 0.983930573
1.078259531 1.100613374 0.952952911 0.86793816 0.920406999
1.004458993 0.920510876 1 0.874000296 0.492551667 0.714788351
0.763575747 0.611877822 1 0.729091934 0.52442615 0.691552876
0.610097612 0.579193299 2.879051806
YKL165C YKL165C::MCD4::Required for GPI anchor synthesis 1
1.402786905 1.236495658 1.577793287 1.454471638 1 1.341853793
1.263744644 1.229641758 1.137658462 1 1.064550256 0.984588666
0.921563264 1.431063944 1 0.767953552 1
1 1.164951349 0.900794934 1.207812295 1.350420642
1.249167959 1 0.796410309 0.595388781 0.826413903 0.734326709
0.470782331 0.832890286 0.770376451 0.736139815 0.758413101
0.628213062 70.57529306
YMR172CA YMR172CA::YMR172C-A::molecular_function unknown 1 1.093127698
1.590391138 1.384655834 1.668490169 1 1.195648085 1.188006249
1.544493826 1.719740451 1 1.030835993 1.303794477 1.855077093
1.476002207 1 1.024634116 0.896182762 0.898238317 1.153418635 1
1.295279376 1.93610606 1.435902327 0.94881179 1 0.862478005
1.039653455 0.835615713 0.810664232 0.945262832 1 1.308907634
1.553876763 0.848477962 1.680336152 1.836597313 1 1.010835699
1.364877497 1.27611149 1.357115751 1.2710391 0.637454259
YMR224C "YMR224C::MRE11::Disp. for premeiotic DNA synthesis, but required for both double strand break formation & resection, synaptonemal complexes, meiotic recombination & viable spores. Localizes to discrete sites in rad50 mutants" 1.033049777 1.075044199 0.818482865 0.864459776
0.722735348 0.854612075 0.989823848 0.817615243 0.923167165
1
0.677171462 0.74514987 0.920886057 1 0.991284335 0.799249149
0.836863322 1.157073472 1 0.782745891 0.839222824 0.826964857
0.299004596 0.656718

YKL179C YKL179C::COY1::CASP Of Yeast 1 0.662257311 1.00642704
 1.071310564 1.029389176 1 0.888855904 1.07326989 0.903989548
 0.853917341 1 0.8183923 0.990546838 0.631553811 0.975230711 1
 1.359399692 1.076139627 0.887773105 1 1.468507626 1.372424793
 0.972194781 1 0.778956559 0.981106183 1.018804228 0.867065497
 1.015064689 1 0.997885056 1.063936686 0.955553935 1.045311994 1
 0.953989117 1.083189167 0.916333709 0.873582766 0.79016045
 YMR116C YMR116C::ASC1::WD repeat protein (G-beta like protein) that
 interacts with the translational machinery 1 1.825124219 1.029464759
 1.123518372 1.018844374 1 1.330201718 0.995457534 0.967414168
 1.053996261 1 1.07169873 0.963506419 0.537658286 0.762446989 1
 0.830120362 0.369826826 0.276827948 0.644117963 1 0.973859462
 0.199035862 0.160365489 0.490237218 1 1.176018472 0.843252261
 1.390450082 1.710667163 1.127411601 1 1.014030295 0.83637287
 0.499207488 0.378258583 0.431289073 1 0.873875571 0.735985973
 0.701747295 0.968806654 0.623376165 0.83184279
 YMR240C YMR240C::CUS1::cold sensitive U2 snRNA Suppressor 1
 1.314099777 1.534627779 1.223518195 1.675807286 1 1.157860715
 1.33067863 1 1.260450133 1.488885259 1.379414258
 0.512131268 0.282892582
 0.823990445 0.857813715 0.785023312 0.639906325 1.026723612 1
 1.04357637 1.421117845 1.274880984 1.373838832 1.507873263 1
 0.932249179 1.027722962 0.985051195 0.761420021 1.092810976 1.727606195
 YMR174C YMR174C::PAI3::Cytoplasmic inhibitor of proteinase Pep4p 1
 1.41492477 1.644219638 1.276672971 1.779408021 1 1.29765439
 1.278379984 1.647033983 1.957749647 1 1.665196489 1.94396971
 3.017106921 1.626199455 1 1.925449112 1.641568394 2.325108514
 2.972117838 1 1.392445553 2.84014717 4.216387147 1.570551979 1
 1.179453112 1.358087122 1.297152377 0.857229487 0.778514576 1
 1.473291084 2.523274065 2.090808768 2.309738889 2.151329504 1
 1.505217928 1.689783982 1.457903438 1.317962589 1.593644753 1.499068299
 YMR242C YMR242C::RPL20A::Homology to rat L18a 1 1.028057394
 1.024166727 0.68884162 1.336129825 1 0.804636267 0.7169177
 1.164028059 1.016111241 1 0.795278966 0.72285147 0.704857058
 0.808675625 1 0.732268899 0.249884683 0.180854908 0.476811872 1
 1.322397323 0.94969918 0.488074977 0.865861837 1 1.270623731
 0.901672133 0.853868709 1.139162643 1.02268977 1 1.100812763
 1.615628415 0.866286427 0.680602579 1.595558828 1 1.183326422
 1.479965311 0.964400114 2.018646653 1.13062781 1.369475945
 YKL181W YKL181W::PRS1::ribose-phosphate pyrophosphokinase 1
 1.417500863 0.996614656 1.119463648 1.330334302 1 1.200527341
 0.917715504 1.03069404 1.155704698 1 0.813385636 0.714863844
 0.562526577 1.123520822 1 0.437315782 0.783666255 0.557403842
 0.690412683 1 0.73538798 0.378633011 0.308996517 0.563346862 1
 1.140128787 0.871670561 1.156949567 1.397796423 1.327727948 1
 1.090360586 0.552913175 0.742393433 0.690681997 0.554546861 1
 0.704065991 0.491638473 0.575283375 0.768691134 0.456430188 0.946549518
 YMR244W YMR244W::YMR244W::molecular_function unknown 1 1.962234932
 2.241419188 2.011487629 1 1.98043826 1.682175626 2.001889167 1
 1.53707988 1.431261629 1.952654766
 1 0.857225433 0.782923343 0.861349924
 0.718048542 0.780986038 1 0.581458617 1.00262666 1
 0.892665814 0.810142265 1.418359984 0.822965497 0.939544512
 YKL183W YKL183W::LOT5::LOw Temperature responsive 1 1.058704934
 1.085853231 0.985931268 0.776402399 1 1.069978565 1.069184932
 1.00329297 1.209793825 1 1.027036197 0.903140177 1.138667575
 1.066112057 1 0.753435499 0.445544548 0.546812001 0.500582367 1

0.900700819		0.966084382	1	1.143639803	0.957187646
1.039594712	1.277266812	1.195074997	1	0.927019861	0.827738531
0.822446928	0.734976325	0.672464948	1	0.808629033	0.600029195
0.832859797	0.781261688	2.821260426			
YMR246W	"YMR246W::FAA4::acyl-CoA synthetase (long-chain fatty acid CoA ligase) (fatty acid activator 2), activates imported fatty acids and provides substrates for N-myristoylation"				
	1	1.336871484	1.037562249	1.344668563	
1	1.414569583	1.252198194	0.956980894	0.947540883	1
0.931216875	0.495096917	1.245486667	1	0.590486849	0.269272295
0.295145175	0.427043646	1	0.504099104	0.199377722	0.491918089
1.170692761	1.187307859	1.171006123	1.675046108	1.058489679	1
1.671272323	1.065147451	1.132797111	0.700366506	1.019155968	1
0.71322829	0.664592308	0.530268405	0.775274141	0.164610156	0.72238979
YKL185W	YKL185W::ASH1::Zinc-finger inhibitor of HO transcription which is asymmetrically localized to the daughter cell nucleus				
	1	0.674875526			
0.66632571	0.810510341	0.710295883	1	0.808771062	0.862407305
0.571905483	0.598472112	1	0.706244831	0.638439539	0.433136626
0.427930154	1	1.029721734	0.891216053	0.992709549	0.828488981
0.595298003	0.781172545	0.653034203	0.83270413	1	1.037268879
1.102624483	0.900128525	0.948994084	1.217734855	1	0.73760321
0.729169694	0.583858715	0.468464895	0.989733664	1	0.710114662
0.692072531	0.821736333	1.07645365	0.791059707		
YMR250W	YMR250W::GAD1::glutamate decarboxylase				
	1	1.227386321			
1.645232198	2.9838149	0.996071936	1	2.463759697	
1.664701107	1	1.744245511	3.390125514	4.138522917	1.751748467
4.179731786	5.862781994	7.991494024	3.064754676	1	2.669823929
1.63179074	3.232643584	2.139211489	1	1.1903533	1.06097912
1.045407736	1.235227468	1	1.399206857	0.892521648	3.968260739
0.392793995	1	1.767022996	1.105072233	1.339170632	0.958142686
2.024737165	0.877375225				
YKL187C	YKL187C::YKL187C::molecular_function unknown				
	1	1.114353413			
1.029508026	1.105193786	1.009440147	1	1.167155131	1.36377495
0.943150521	0.953783861	1	1.380469541	1.155174038	1.469929803
1.017424854	1	0.872276583	1.178068865	0.679466239	1
0.74720111	1.343947505	0.563223577	1	0.97946153	1.079223296
1.179907846	1.423356834	1.33940094	1	0.849863954	0.541844727
0.997579278	1.134463604	0.352029589	1	0.555017724	0.49128587
0.572702723	0.485161758	0.485671072	0.934290836		
YKL189W	"YKL189W::HYM1::The homolog in Aspergillus nidulans, hymA, is involved in development, see Karos, M. and Fischer, R. (1996). hymA (hypha-like metulae), a new developmental mutant of Aspergillus nidulans. Microbiol. 142:3211-3218."				
	1	0.894982596	0.922043617	1.155902689	1.190909567
1.068269447	1.498067985	0.857413103	0.969404187	1	0.87511762
1.032568196	0.977981314	0.94484044	1	1.526940253	1.611501208
1.256909188	0.61933685	0.584828539	0.428885871	1	
0.885572286	1.022796237	1.025938744	0.94119328	1.001195489	1
0.832969289	0.930375404	1.155160672	1.011257284	0.976724001	
0.840844251	0.823161502	0.942592648	1.01738344	0.948201767	0.992082006
YKL203C	"YKL203C::TOR2::putative protein/phosphatidylinositol kinase involved in signaling activation of translation initiation, distribution of the actin cytoskeleton, and meiosis"				
	1	1.098278258	0.902931706	1.035417866	
0.91633854	1	1.19266122	1.092987514	0.781267951	0.943931469
1.199710777	0.900044171	0.782626924	0.788949305	1	1.772083305
1.248713882	1.481522534	1.637981088	1	0.654918454	0.474892384
0.461663161	0.59703603	1	0.876242225	0.863215665	0.799983722
1.081675725	1.005000871	1	0.918330184	0.556704182	0.64413784

1.129907855 0.738221635 1 0.848523209 0.660906709 0.490253482
 0.831364448 0.873423832
 YKL205W YKL205W::LOS1::Nuclear pore protein involved in pre-tRNA splicing 1
 1.064836852 1.274355094 1.22415307 1.578704781 1 1.13824713
 1.196606144 1.215364332 1.296500882 1 1.135077723 1.281761102
 1.504104439 1.128421707 1 1.157469189 1.047456067 1.447819559
 1.798078501 1 1.618963938 2.82008552 2.873704703 1.117740167 1
 1.097235813 1.015027463 0.997723279 1.10719588 1.173885357 1
 1.066982443 0.922841624 1.057174152 0.831295538 0.917911988 1
 0.920346977 0.943606989 0.958516079 1.121829427 0.778121919 1.102410567
 YAL020C YAL020C::ATS1::Protein with similarity to human RCC1 protein 1
 1.129915457 1.248552811 0.970777619 0.775820754 1 1.106159959
 1.437080817 1.094488632 1 1.455689405 1.272824521 1.412115397
 0.906295718 0.729681325 0.63693636 0.847184179 1
 1.319440966 1.408182858 1.322277875 1.024242677 1.003237121
 1.065893877 1.082023435 1.042990512 1 0.852677465 0.97217155
 0.760780385 0.910233755 1.153320124 1.132738704 1.060416705
 1.068252599 1.147018303 0.844977137
 YAR009C YAR009C 1 1.041969085 0.871257746 1.239518826 0.860035461 1
 1.18084025 1.030109022 0.910244906 0.874409924 1 1.101829192
 1.244093176 0.977944677 1.274794319 1 1.296411236 1.415753438
 1.391172765 1.090277386 1 0.619242367 0.537982163 0.464154595
 0.696638629 1 0.958398787 0.909857187 1.2780058 1.328208429
 0.921341258 1 1.356505983 1.897308952 3.29287055 1.440503196 1
 1.311086123 1.886543248 2.943923877 1.356740515 1.342164576 0.696121095
 YMR252C YMR252C::YMR252C::molecular_function unknown 1 1.583222649
 1.83282871 1.308250736 2.07241072 1 1.358838172 1.230878106
 1.798470797 1.74088512 1 1.644686142 1.632049933 3.072814203
 1.548921066 1 1.489870575 0.806188154 1.008670519 1.230148816 1
 1.456647689 1.191281351 1.899959392 1.388762033 1 1.180658468
 1.187209548 0.926330291 0.780787786 1.060790252 1 1.039580898
 1.321209221 1.266441744 1.204594211 1.846018398 1 1.251520843
 1.658512184 1.005376342 1.809355352 2.041203965 1.443028354
 YMR268C YMR268C::PRP24::U4/U6 snRNA-associated splicing factor 1
 2.81071509 2.183499398 1.704759518 1.862623715 1 1.990839854
 1.783039171 2.02845238 1.865638787 1 2.048289216 1.956921327
 2.321519604 1.979849057
 1 0.976078619 0.824142242 0.990869182 0.777641577 1.009524333 1
 0.87263919 1.214751021 0.918237546 1 0.654014087
 1.027129112 0.959819732 0.868697127 0.949626843 0.800320314
 YMR270C YMR270C::RRN9::Upstream activation factor subunit 1
 0.844131281 1.129985106 0.92032094 0.994619149 1 0.913878762
 0.827991439 1.171829138 1.059038205 1 0.875443851 0.904067157
 0.803443794 1.013040836 1 0.425522229 0.432185273 0.711787852 1
 1.253898179 1.239234642 1 1.045386072 1.073617186
 0.871073898 0.79578197 1.274620328 1 1.164225014 1.369911408
 1.295948867 1.205504075 1.637518884 1 0.955024216 1.227211525
 1.05672475 1.232968377 1.19089698 0.83184279
 YKL207W YKL207W::YKL207W::molecular_function unknown 1 0.865061601
 0.892757354 0.805692924 0.775105538 1 0.83356728 0.977928441
 0.92777732 0.977130033 1 0.906461929 1.03440569 1.044986987
 0.877756074 1 1.027076634 0.571635182 0.691847026 0.903114674 1
 1.183526312 0.98031774 0.96189059 0.631549929 1 1.110624714
 1.01289857 1.611588803 1.304429199 1 0.929373772 0.751174804
 0.987805788 0.962590299 0.386395851 1 0.862962584 0.556377065
 0.944558278 0.724573726 0.711546253 0.889634012

YMR272C "YMR272C::SCS7::Required for the hydroxylation of the very long chain fatty acid (VLCFA), located in the endoplasmic reticulum" 1
1.612797538 1.121499993 1.210179633 1.199798623 1 1.34390677
1.313089358 1.210717276 1.053117286 1 1.174234767 0.886278778
1.097335607 0.986495061 1 0.915282629 0.790278367 0.588211682 1
0.963162554 0.740908757 1 0.786078442 0.443677879
0.560277946 1.332771508 1.198147479 1 0.67734585 0.293852203
0.283516533 0.471866192 0.995571608 1 0.694507383 0.333292324
0.651689088 1.299649856 1.032429263 0.867743381

YKL209C "YKL209C::STE6::ABC transporter, glycoprotein, component of a-factor secretory pathway" 1 1.261742328 1.138031797 1.180411765 1.113566055 1
1.051963789 1.389028328 1 1.122169635 1.27329493
1.210387631 1.206658382 1 0.837386024 0.780445619 0.687569136
0.593720326 1 0.562207696 0.329405348 0.335756274 0.519427145 1
0.863848377 0.892344813 0.717534244 0.907157099 0.983589885 1
0.766804691 1.119050262 0.96620289 0.965922032 1 0.810305263
1.147372419 0.886104515 1.13088144 1.117692327 0.936917726

YMR275C "YMR275C::BUL1::Involved in the ubiquitination pathway, possibly by functioning with Rsp5" 1 0.952727131 0.922764029 1.139966319 0.857975918 1
1.153100273 1.131741146 0.815994269 0.844990147 1 1.133968155
1.203627157 0.805011092 0.945918412 1 1.205809069 0.98546078
1.158999806 0.74528001 1 0.942657341 1.092621492 0.955019463
0.777633986 1 0.883104264 0.803309425 1.13277396 0.820371676
0.805997249 1 1.100722134 0.716364046 1.262224398 1.114385364
0.408438304 1 0.714341074 0.606584898 0.643856353 0.659051272
0.392276995 0.770549116

YMR277W YMR277W::FCP1::TFIIF interacting Component of CTD Phosphatase 1
0.754650321 0.82735486 0.633082141 1 0.944947623 0.91144605
0.660596984 1 0.689230226 0.634689967 0.506163046 0.721741577
1.072184786 0.941148882 1.147991736 0.64776581 1 0.672091669
0.777125857 0.666293049 0.746599291 1 0.808643241 0.829677626
0.854196239 0.950533034 0.791789872 1 0.668552332 0.665478925
0.884332957 0.860435413 0.507642222 1 0.620106823 0.6793733
0.705446357 0.837789525 0.528566952 0.720638564

YKL211C YKL211C::TRP3::anthranilate synthase Component II and indole-3-phosphate (multifunctional enzyme) 1 1.109499775 0.999198618 1.015398113
0.820294511 1 1.049544898 1.116951613 0.840514318 0.921878675 1
1.654432375 1.385564677 0.651065176 0.880438792 1 1.801905936
1.402827126 0.945092519 0.799429776 1 1.26707358 0.948216747
0.572899757 0.790628392 1 1.045222855 1.381528724 1.452529159
1.388228563 1 1.152410801 0.796558053 1.117067231 0.94465402
0.472847882 1 0.990369664 0.671607824 0.982431457 0.602317268
0.485783323 0.706628552

YMR279C YMR279C::YMR279C::not yet annotated 1 1.117927853 0.946391584
1.297560691 1 1.252129889 1.291015269 0.871804028 1
1.147221532 1.129094861 0.602251073 1.323735107 1 1.476809407
0.94499574 0.488134752 1 1 0.749391177
0.626080686 0.952417311 0.927325995 0.837126315 1 1.724674301
0.739039593 1.44805405 1.397262513 0.525395626 1 1.357107452
1.171161657 1.164051519 0.950949213 0.638562534 0.711006668

YKL213C YKL213C::DOA1::Required for normal intracellular ubiquitin metabolism and for normal rates of proteolysis of ubiquitin-dependent proteolytic substrates in vivo 1 1.083081598 0.985454292 1.327404803
1.163347937 1 1.385362236 1.195280169 0.971247649 0.965836676 1
1.180024063 0.903948047 1.310397674 1 1.374298286 1.162903047
1.320144171 1 1.0370439 1.109006075 0.90656639 1.106584265 1
1.181840393 1.177835435 0.987858493 1.225242087 1 1.108771594

	0.893083226	0.828647425	0.831295538	0.338130954	1	0.949721322	
	0.936369717	0.83372443	0.664984286				
YMR295C	YMR295C::YMR295C::molecular_function unknown					1	1.387480063
	1.44929993	1.096981449	2.018593107	1	1.124206753	1.048740395	
	1.465215815	1.576828163	1	1.049804587	1.097429845	1.441116274	
	1.463188428	1	1.151761732	0.819315257	0.857713	1.258317604	
	1.397688177	1.47379841	1.344593941	1.118369613	1	0.905770366	
	0.787219685	0.686493598	0.829261139	0.742001324	1	1.006231455	
	1.020720268	1.055811857	0.940103834	1.039121698	1	1.090436008	
	1.091496958	1.140101264	1.262171725	1.61059896	1.026231372		
YKR002W	YKR002W::PAP1::poly(A) polymerase					1	0.936724199
	2.097871012	0.604206669	1	1.590490755	1.191044572	1.740579586	
	1.911776148	1	0.812567649	1.339618344	1.270905889	1.662651387	
	0.508352883	1.542827934	1.66945432	0.254926055	1	0.618366225	
	0.233240124	0.138252701	0.274027254	1	1.22751201	1.522938196	
	1.656160517	2.462443309	2.048894867	1	0.945893989	0.407122399	
	0.721743763	0.897607768	0.289919309	1	0.509767562	0.368819112	
	0.600334366	0.306227459	0.560253214	0.285453428			
YMR297W	"YMR297W::PRC1::dispensable for haploidization and sporulation, but required for full protein degradation during sporulation"					1	1.169819765
	0.901639102	1.401681242	0.940432127	1	1.295670533	1.433431209	
	1.103229375	1.365192932	1	1.306125956	1.3608218	1.438672857	
	1.408093424	1	1.254175837	1.369474902	1.845288677	1.189387376	
	0.976077257	0.6348734	0.766100905	0.877912123	1	1.092227785	
	1.024100632	1.756176802	1.431531499	1.059845684	1	1.096670082	
	0.628596101	1.660174938	1.349819615	0.304254153	1	0.879810166	
	0.618440242	1.091893897	0.560552572	1.214277759	0.985952665		
YKR004C	YKR004C::ECM9::ExtraCellular Mutant					1	1.060408031
	0.828348598	1.378246945	1	0.980398673	0.826504417	0.955846605	
	1.070682001	1	0.865066114	0.934546621	1.143678265	0.93152385	
	1.105406383	0.860425587	1.155825122	0.998691804	1	1.077682478	
	2.005767123	1.386628925	0.815553583	1	1.133205789	1.065630582	
	0.653537703	0.930932904	1.038673019	1	0.964094875	1.127864612	
	0.92154596	0.775875839	1.507886203	1	0.914790666	1.181306122	
	1.048311571	1.63240283	1.651075603	2.477140293			
YMR299C	YMR299C::YMR299C::molecular_function unknown					1	0.914730119
	1.075096736	0.905268414	1.399151353	1	0.922707975	1.299054606	
	1.271138267	1	0.833522284	0.980359034	1.089006571	1.099355581	
	0.867470079	0.765091459	0.833379801	1.137470506	1	0.873303171	
	1.666257552	1.517827392	1.334229637	1	0.831877523		
	1.043252577	1	1.075102074	1.320000836	1.08283408	1	
	1.094758	0.850878553	1.253348671	0.957780534	1.930709742	1.003465128	
YKR006C	YKR006C::MRPL13::mitochondrial ribosomal protein YmL13					1	
	0.834958396	1.026560489	1.041141937	1.474123383	1	0.859463395	
	1.149878189	1.228302796	1.212080142	1	0.827441182	0.902530818	
	1.143152479	0.862429936	1	0.823912432	1.229054796	1.124245807	
	1.054140734	1	1.073205082	1.622227984	1.688543956	0.755599323	
	1.499266556	1.58812065	0.994186768	1.032466999	1.41059434	1	
	1.488109411	1.561866955	1.108494321	0.763839557	1.051050702	1	
	1.295569711	1.216220667	0.893290914	1.315765245	1.305533039	1.839686086	
YKR008W	"YKR008W::RSC4::RSC4 is a member of RSC complex, which remodels the structure of chromatin."					1	0.688773965
	0.961988758	1	0.896084812	0.841293415	0.79716287	0.728969988	
	0.732904172	0.79194101	0.586948086	0.82873653	1	0.777999787	
	0.481842666	0.603282824	0.684613205	1	0.818955783	1.092380668	
	1.033995801	0.386711606	1	1.010486066	1.032315888	0.930511173	
	0.866820523	1.280642333	1	0.755118329	0.868398335	0.786740202	

	0.679701533	0.465483709	1	0.814633507	0.77767089	1.245898885	
	0.797263726	0.853681088	0.605931783				
YKR010C	YKR010C::TOF2::topoisomerase I interacting factor 2					1	
	0.92172056	0.86662971	0.831475805	0.910988464	1	0.915343676	
	1.023017897	0.773758479	0.811702745	1	0.833705128	0.787414482	
	0.755877499	0.841365674	1	0.734291949	0.521798542	0.628014067	
	0.534365412	1	0.58245071	0.624516007	0.633406593	0.388748022	
	1.196726839	0.973268952		1.391635348	1.105934419	1	
	0.531143904	0.618078656	0.473614495	0.354876759	1	0.717047914	
	0.748113014	0.861875545	0.766000641	0.858354661			
YKR012C	YKR012C::YKR012C::molecular_function unknown					1	0.795591301
	0.662061741	0.955265151	0.641013644	1	0.849242503	0.888092842	
	0.61806225	0.914044617	1	0.77172415	0.644151037	0.518854375	
	1.315034993	1	0.448467328	0.177548933	0.269173652	0.758666358	
	0.597312542	0.531353256	0.434573834	1.018089339	1	1.146375263	
	0.937310705	1.268347647	0.947805774	0.848180125	1	0.845050083	
	0.673711072	0.780124789	0.687204316	0.480773677	1	0.608893962	
	0.645267872	0.925248128	0.645084366	0.445500579	0.624319912		
YMR301C	YMR301C::ATM1::mitochondrial ABC transporter protein					1	
	0.823288552	0.722905051	0.761044855	0.538577201	1	0.824913024	
	0.839783088	0.628939413	0.634455966	1	1.040831949	0.825104639	
	0.478865771	0.787167394	1	0.786032888	0.615872889	0.675743351	
	0.770744993	1	0.544052172	0.583326133	0.520626617	0.475494478	
	0.933744363	0.761542965	1.027207389	1.122740204	0.8738954	1	
	1.06802654	0.758756656	0.974534221	1.359192669	0.7033893	1	
	0.853589603	0.771402992	0.952183302	0.735808188	0.64624457	0.894887689	
YMR303C	YMR303C::ADH2::alcohol dehydrogenase II					1	1.293698495
	0.916349433	0.729226931	0.353493355	1	1.16385159	1.168520526	
	0.582201273	0.574488216	1	1.273427767	1.296063604	1.260193993	
	0.578085364	1	1.435475164	1.529190453	2.804845291	1.776467001	
	1.310754789	0.875451374	0.69704731	1.539132535	1	0.868000353	
	0.826145056	1.420687081	1.224256447	1.141361564	1	1.070775018	
	0.698167998	0.966639828	0.978380985	0.324729417	1	0.856731315	
	0.540205677	1.128073835	0.533257979	0.850865748	0.745156034		
YMR305C	YMR305C::SCW10::Soluble Cell Wall protein					1	1.167057193
	0.743359412	0.995529394	0.729242636	1	0.935664135	0.820051886	
	0.778612436	0.894675386	1	0.884833771	0.551800195	0.431779384	
	1.067811816	1	0.754548222	0.400678875	0.340372342	0.723721219	
	0.475878783	0.297776573	0.163711477	0.771382121	1	1.085075916	
	0.754756335	0.972343553	1.211842282	0.73554034	1	0.647134824	
	0.539386174	0.468304572	0.354302158	0.357416561	1	0.773873581	
	0.606816149	0.795977113	0.730664226	0.688961359	0.823962171		
YKR026C	YKR026C::GCN3::34 KD alpha subunit of eIF2B					1	0.952897324
	0.938346256	0.849737164	0.885371719	1	0.828681693	0.91674691	
	0.967775079	0.887707294	1	0.680735393	0.640620665	0.607060645	
	0.837986892	1	0.702940775	0.414986949	0.487426502	0.82792876	
	0.549045525		0.808827715	1	0.948437878	0.92982378	
	0.931639996	0.956728057	1	1.111158655	1.144947149	0.644926096	
	0.797973576	1.032056706	1	0.97455248	0.987202639	0.772338986	
	1.07215216	0.941238131	1.12430125				
YMR319C	YMR319C::FET4::Putative transmembrane low-affinity Fe(II) transporter					1	1.292937668
	1.053342051	1.03001175	1.174001707	1.241422825	1	1.571213334	
	0.981244305	1.996672635	1	1.198712778	0.673240478	0.437268408	
	0.733716807	1	2.390510027	1.265857953		0.814471795	
	2.056788823	2.212696982	1.982967617	1.68250276	2.124407821	1	

2.932172631 2.490483307 2.448915098 1.17795619 0.640881223 1
 2.647156881 2.093509539 1.169908423 0.991415362 0.816097618 1.649675567
 YMR321C YMR321C::YMR321C::molecular_function unknown 1 1.103447706
 1.331129152 0.988194004 1.433088482 1 0.933450143 0.895846221
 1.34015072 1.287000183 1 1.161154371 1.271731422 0.905289397
 0.991411664 1 1.018272627 0.763292927 0.690690138 0.729460004 1
 1.726639319 2.539394925 1.437522987 0.806193746 1 0.949307008
 1.037390898 0.641493626 0.631634193 0.778675254 1 1.134689416
 1.605492644 0.960714607 0.801506667 1.382386014 1 1.100746507
 1.78218676 1.113973357 2.008380674 1.314557592 1.169833634
 YKR028W YKR028W::SAP190::190 kDa protein that associates with the SIT4
 phosphatase in a cell cycle dependent manner 1 0.945644031 0.878872436
 1.042172703 0.933438595 1 0.98514923 0.931613968 1.015131569
 0.918097357 1 0.849528066 0.847830669 0.688353498 0.938932528
 0.927923832 1.152753591 0.670289466 0.746787333 1 0.77945414
 0.700128701 0.762362328 0.793385651 0.768858063 0.748496474
 0.922424595 1 0.952882529 0.666858789 0.831114535 1
 0.812190775 0.846122238 0.97505983 1.015644703 1.017581792 1.565615701
 YMR323W YMR323W::YMR323W::phosphopyruvate hydratase 1 2.01346675
 1.342673182 1.026435082 0.496041983 1 1.625307367 1.959965656
 0.774540325 0.900951574 1 1.941101952 1.970926241 1.6212548
 0.802058249 1 1.696007607 1.412973323 3.199357137 0.725793693 1
 1.278468324 0.653378406 0.259633876
 0.983128826 0.907114669 1 0.806269211 0.57918878 0.503137519
 0.696866729 0.260405336 1 1.044258745 0.695143299 1.059865727
 0.517222788 0.857671994 0.711006668
 YKR030W YKR030W::MSG1::Multicopy suppressor of geal-6 1 1.463160991
 1.350609065 0.92511993 1.365245526 1 1.186172133 1.009169923
 1.156805749 1.022228339 1 1.165637602 1.139147207 1.143495738
 0.894885021 1 1.241024906 1.090580037 0.871163503 1.178286249 1
 1.023626634 0.80797168 0.720426869 0.417185366 1 1.203711348
 1.292067561 1.031722878 1.122581947 1.195863319 1 1.213298577
 1.511191578 0.840484316 1 1.243248766 1.15624447
 0.946982907 1.618632072 1.024978209 2.047208964
 YMR326C YMR326C::YMR326C::molecular_function unknown 1 1.415847497
 1.550041829 1.136026623 1 1.347081291 1.402868221
 1.370014346 1 1.459575372 1.373951114 2.453548502 1.240602536 1
 1.448709631 2.052166546 1.065299906 1 0.449931112 2.714717692
 1.431998425 0.979011574 1 0.960507135 0.909700775
 0.950003119 1 0.49242751 0.458837512 0.641439938 0.626225144
 0.744793961 0.58348882
 YKR032W YKR032W::YKR032W::molecular_function unknown 1
 0.153285897 1 1.081197671
 0.847798508 0.822229587
 0.774656265 0.823725912 0.859969606 1.188221762
 YNL002C "YNL002C::RLP7::Significant sequence similarity to RPL7B, but
 neither can functionally replace the other. Does not correspond to any ribosomal
 component identified so far, based on its biochemical features" 1
 0.952192265 0.777130232 0.800082111 1.302820679 1 0.722283447
 0.666462259 1.057301553 1.267741933 1 0.560436014 0.353253109
 0.343600097 0.980879312 1 0.333270985 0.202337266 0.14111291
 0.543288831 1 0.667649179 0.360375464 0.284896179 0.857042464 1
 0.75994901 0.541869192 0.490174739 0.704917192 0.859310947 1
 0.79884867 0.851374576 0.567197167 0.864765958 1.489923115 1
 0.746232418 0.793635567 0.845948259 1.432368615 0.60410927 1.059505073

YKR034W YKR034W::DAL80::Negative regulator of multiple nitrogen catabolic genes 1.001021031 1.184116631 0.948685707
0.833091694 1.037728284 1 2.313965278
3.718396701 0.303310401 1 1.016584699
1.066074314 1.047510951 1.288444921 1.28957805 1 0.653788249
0.653646198 0.660220968 1.440650724 1 0.913652231 0.889159362
1.122631317 0.77704739 1.88865367 0.681235469
YNL004W YNL004W::HRB1::an ORF of unknown function located in a centromeric region duplicated between chromosomes III and XIV 1 1.033089758
1.17659296 1.124046436 1.215696186 1 1.059067337 0.970598292
1.156051057 1.244181828 1 1.179710061 1.114044189 1.136921965
1.092291989 1 0.873551557 0.606941556 0.676937292 0.941850632 1
1.133573364 1.324662954 1.188764069 0.873193931 1 0.977907887
0.983696308 0.775964046 0.810143935 1.02533171 1 1.123972293
1.027658226 1.14945044 1.00662025 1.075096501 1 1.086189607
0.896492603 1.019359368 0.980840644 1.159389214 1.281037964
YKR036C YKR036C::CAF4::CCR4 associated factor 1 0.857341496
0.905644174 1.030300061 0.987375055 1 0.948541955 0.941292459
0.841358735 1 0.980667911 0.79601855 0.568613572 1.135815628 1
0.848268513 0.564505184 0.451412686 0.841768687 1 0.832717556
0.888792151 0.843022353 1 1.325392307 1.048908346 0.98100385
1.386111338 1 1.184823195 0.995445456 0.939927781 1.002815992
0.803841303 1 0.772785503 0.613027737 0.837622898 1.056896361
0.617958573 0.83446968
YNL018C YNL018C::YNL018C::molecular_function unknown 1 1.528400526
1.553798071 1.467554371 1.8002924 1 1.490311627 1.214367672
1.565569794 1 1.333846978 1.262751196 1.389888709 1.358958129
0.635679054 1 0.738315321
0.854132103 1 0.828297846 0.792560378
1.019908838 1.021512112 0.918610753
YLR165C YLR165C::PUS5 1 0.875905818 1.216486857 1.101351091
1.337024173 1 1.055896941 1.025535811 1.303753925 1
0.927752355 1.970311673 1.334819378 1 0.889875515 1.198823765
1.281759867 1.873698652 1 2.139608185 2.40243182 2.658443908
1.223170832 1 1.013053685 1.12484857 0.855206969 0.882509385
1.058673087 1 0.721493359 0.985092447 1.258412163 1.069042737
1.788201517 1 0.990913743 1.038987879 1.146986843 1.090207825
1.45225484 1.163704293
YLR167W YLR167W::RPS31::Homology to rat S27a 1 1.043889652
1.313128323 0.777997348 1 0.948652238 0.817186317 1.513047265
1.457768519 1 0.847809398 0.955560203 0.956054005 0.998166392 1
0.672370512 0.287223774 0.160191203 0.529488095 1 1.595783209
1.363806494 0.637627514 0.835889964 1 0.922219945 1.046758365
0.631010914 0.952991898 1.109337824 1 1.612551156 2.384194359
1.303654975 0.930583765 2.300723636 1 1.005227705 1.464485348
0.943568527 2.049466944 1.351901699 1.478928945
YLR169W YLR169W::YLR169W::molecular_function unknown 1 1.798068226
1.547672654 2.260811731 1 1.592590665 1.542764055 1.745339316 1
1.34397241 1.346121859 1.52627537 1.396893688 0.626371848
0.373999028 0.296950049 1 0.872765281 1.098025306
0.703622865 1 0.981433088 1.047809169 1.227902441 1.095454214 1
0.76807595 0.803972795 0.713358201 0.929378743 0.82405396 1
0.845251246 0.8045235 0.974930525 1.154072396
YLR171W YLR171W::YLR171W::molecular_function unknown 1 0.832918363
1.111260594 1.138527481 1.400615316 1 0.97168376 1.051091862
1.341324169 1.413471397 1 1.048581916 1.310096993 1.174717719
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1.782624507 2.239352726 2.396532883 1.149272746 1 1.125374638
1.470339094 1.066543106 1.028236477 1.154917385 1 0.824875952
1.018290711 1.140564175 0.974852592 1.207145661 1 1.13135365
1.154325766 1.111427176 1.219260792 1.369404775 0.662847393
YDR467C YDR467C::YDR467C::molecular_function unknown 1
1.245089983 2.02733449 1 0.98554738 0.889950602 1.418618175
1.348413721 1 1.137634256 1.225619741 1.678981713 1.303137066 1
1.239209792 3.814024459 0.997356736 1.395164572 1 1.008967622
4.480540509 3.241387305 1.465650908 1 0.920453757 1.099841815
0.88075877 0.772385899 0.969403423 1 1.154119308 1.683582331
1.211510066 1.090184718 1.873442491 1 1.001614132 1.50803266
1.026956804 1.416272154 1.155847159 1.068261305
YDR469W YDR469W::SDC1::likely involved in chromatin remodeling
member of
Set1p complex 1 1.28570387 1.15998651 1.119722951 1
1.098886539 1.079734618 1.295547523 1 1.216036407 1.733434859
1.667399892 0.308795244
1 1.013898521 0.729088062 0.833752548 0.980574342 1
1.15743062 1.584532439 1.168497264 1.060618439 1.263539285 1
0.943785584 0.981539758 0.869047612 1.121047703
YDR471W YDR471W::RPL27B::Homology to mammalian L27 1 0.965761546
1.025039746 0.740118666 1.354984243 1 0.851198206 0.774314968
1.197671993 1.041756131 1 0.724221128 0.746659505 0.750019465
0.893352693 1 0.796406217 0.252880794 0.638082203 1
1.058507702 0.542513707 0.590582533 0.737904421 1 1.068709476
0.890644723 0.725978745 0.872845784 0.914922892 1 0.96944561
1.498617393 0.823853272 0.672527008 1.798436108 1 1.146418267
1.214596872 0.833330285 1.654965296 1.115738402 1.352839042
YDR473C YDR473C::PRP3::snRNP from U4/U6 and U5 snRNPs 1 0.561029459
0.810514609 0.783661393 1 0.656486523 0.669713715
0.826378616 1 0.80145243 0.869205141 0.872748034 1
0.592342014 0.838681584 1.177232601 1 1.591757083 2.741534504
2.370555259 1.542812305 1 0.983145942 1.089066863 0.822895886
0.541639121 1.076757757 1 0.981809853 1.269895408 1.089252185
1.386906334 1.842624771 1 1.324729646 1.45759541 1.389494416
1.289590732 1.371542101 0.908022036
YDR487C YDR487C::RIB3::Riboflavin biosynthesis 1 1.140597232
1.077044742 1.045162887 1 0.876090458 0.852836467 1.015918293
1.167808684 1 1.474373923 1.659634033 1.185830739 1.000843095 1
1.685010886 0.835361482 1.154713983 1 2.014232242 1.485889676
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YDR489W YDR489W::YDR489W::molecular_function unknown 1 1.066689359
1.0363461 1.037399842 1 0.981422415 1.0079481
1.051736473 1 1.26968879 1.091960127 1.336612258 1.117633924 1
0.612176679 0.751179745 1.060310227 1 0.993547337 2.078746191
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0.570063256 0.757975001 0.587946375 0.951181915 0.745055934 1

0.686106833 0.680747162 0.683340392 1.201744858 1.08590815 1
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 1.314380139 1.153533199 0.665508847 0.81655754 1.308793926
 0.815497841 1 1.086017719 0.671529177 1.08136169 1.242921685 1
 1.959589783 2.355395072 2.697635528 1.415174528 1 1.209189877
 1.349735847 1.150488083 1.183381514 1 1.173958574 2.024066467
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 YDR003W YDR003W::YDR003W::molecular_function unknown 0.875445088
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 1.131532883 0.95652809 1.391299381 1.346473743 1.571721303
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 2.317738956 1.889953548 1.965570439 0.955548093 1 2.048285844
 2.328530525 2.180511558 1.539026484 1.495314823 1 1.831131033
 2.014610999 1.554958532 1.101215368 0.93612911 1 1.883277724
 1.402774695 1.344628791 1.131827041 1.043949267 1.347585366
 YDR495C YDR495C::VPS3::vacuolar sorting protein 0.856975727
 0.871195754 0.98386384 0.740965522 0.649143785 0.992410037
 0.778108354 0.663097614 0.932906425 0.988606854 0.832140673
 0.79297003 0.558395207 1
 0.932410205 0.764853204 0.815333063 0.825091316 0.900416537 1
 1.405969189 1.229906188 1.067114749 1.677930157 1 0.804963218
 1.021943631 0.863495855 0.741235396 1.084898103
 YDR005C YDR005C::MAF1::Mod5 protein sorting. Negative effector of Pol III
 synthesis. 1 0.851216914 0.783496795 0.913630084 1.069807538 1
 0.847088383 0.880098644 0.988826764 0.893719383 1 0.868658887
 0.790336665 0.963824964 1 1.377084722 0.873588795 1.564036722
 1.347511089 1 1.360115954 2.132880171 1.845578699 1.620978144 1
 1.164201397 1.348193218 0.887271335 0.976044504 1.265837398 1
 1.258671333 1.472945697 1.337032886 0.990674951 1.447706328 1
 1.214834703 1.173014117 0.955877302 1.261998237 1.24525569
 YDR497C YDR497C::ITR1::member of sugar transporter superfamily 1
 1.419414502 0.826765122 1.176697589 0.710717099 1 1.285526319
 1.254713003 0.749850948 0.784159049 1 0.874009922 0.849765429
 0.767681818 0.767057618 1 0.671795784 0.560989548 0.558135247
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 0.994240835 0.743320457 1.135899185 1.392538419 1.027362193 1
 0.661311617 0.533011221 0.689684384 0.53486455 0.513342756 1
 0.727156761 0.678452326 0.972487095 0.65990665 0.792149802 0.802947204
 YDR019C YDR019C::GCV1::Required for metabolizing glycine as a nitrogen
 source 1 1.80088046 1.665635293 1.692488391 1.431840134 1
 1.556277358 1.33104757 1.476317826 1.464272133 1 1.848447692
 1.775734142 1.070408961 1.06875674
 0.786976891 1 0.991982717 0.864360213 0.920173774
 0.927009621 1.379557099 0.697723695 0.878692775 1
 1.233731453 1.191523708 1.132119909 0.937271796 1.357898229
 YDR021w "YDR021w::FAL1::Similar to eukaryotic initiation factor eIF4a;
 required for pre-rRNA processing at sites A0, A1, and A2; may be involved in 18S
 rRNA maturation" 1 0.710040226 0.810010954 1.143889735 1
 0.60946503 0.660519226 1.286895034 1 0.416763416 0.498742415
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 0.570992904 1 0.693986738 1.842351 0.740374482 0.882541577 1
 0.697671036 0.642895426 0.67670589 1.132838538 1.098690831 1
 0.784954519 1.420424797 0.88526041 1.869234087 2.415765062 1
 0.747403593 0.79101569 1.189352366 0.653128128 1.017475036

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0.781391813 0.802624967 1 1.157289344 1.010856158 0.606568607
0.896906595 1 0.430970104 0.572944675 1 0.929453708
0.649845229 1 0.943355515 0.987187078 0.930050782
1.092973853 1 0.96454557 0.596592615 0.80979397 1.068808496
0.678423007 1 0.818923806 0.505622324 0.928294182 0.534570211
1.091248754 0.802947204
YDR023W YDR023W::SES1::seryl-tRNA synthetase 1 0.880205178
0.745466011 0.921001618 0.904700375 1 0.935438079 0.872542095
0.804107498 0.834916554 1 0.770027223 0.679096712 0.449964088
0.780156154 1 1.347778915 0.938426384 0.747548222 0.878384184 1
0.9961781 0.633677964 0.363899955 0.695910516 1 0.891239961
0.799870428 0.823782752 0.933916905 1.088400903 1 0.996434664
0.776457069 0.613889903 0.674403122 0.395720691 1 1.281180109
0.690300127 0.94504665 0.727790419 0.728540606 1.019226366
YLR175W YLR175W::CBF5::major low affinity 55 kDa Centromere/microtubule
binding protein 1 1.008156297 0.641906683 0.957416585 0.789074959 1
1.037655566 0.667612672 0.895954303 1 0.701674652 0.422479217
0.337256208 0.851531459 1 0.931082172 0.514150355 0.377370054
0.614446803 1 0.542115313 0.126453829 0.094437151 0.654647966 1
0.839371123 0.568026377 0.760261341 0.968776342 0.828820364 1
0.901528698 0.543841188 0.456862533 0.71327918 0.923288316 1
0.86658404 0.568285239 0.891184958 1.082621116 0.718857423 0.830967177
YDR025W "YDR025W::RPS11A::Homology to rat S11, human S11, and E. coli S17"
1 1.150231039 1.116699236 0.72838999 0.963320181 1 0.993679179
0.948671178 0.966747908 0.894449719 1 0.977063315 0.808104424
0.741149522 0.726921987 1 1.171758991 0.480082966 0.311056444
0.889245804 1 0.963063186 0.68277687 0.380485476 0.649521358 1
1.203509282 0.774301167 0.905454544 1.130007968 1.124502355 1
1.174767408 1.190190504 0.623442456 0.591143496 0.979920935 1
1.133982088 0.900614013 1.001482562 1.433999579 0.689971234 1.277535408
YLR189C YLR189C::UGT51::Udp-glycosyltransferase 1 1.395353535
1.368779198 1.542066937 1.500735572 1 1.486808799 1.474072997
1.292226607 1.256052487 1 1.278506958 1.78127494 1.085102995
1.483284173 1 1.562489443 1.417448824 0.9594353 1
0.8463844 1.333450067 0.42856705 1 0.919286889 1.019504885
0.930170777 1 1.076632159 0.891496678 1.045083034 1.070649727
0.788453806 1 1.102598186 1.047690007 1.073575438 0.862900016
1.272274154 1.01222136
YDR027c YDR027c::LUV1::Loss Upsets Vacuole. Isolated in a microtubule
complex containing Rbl2p. 1 0.919857525 1.010366114 1.061186645
0.974513655 1 1.023850191 0.994660253 1.107661884 0.911269511 1
0.985750291 1.120370842 1.084192119 1.152409676 1 0.923060121
1.794995659 1.487385931 0.927765895 1 0.879834434 0.603469202
0.623152437 0.578128692 1 1.059246742 1.312211306 1.25673954
1.279082058 1.328729257 1 1.209334322 0.899683892 0.981255175
0.988955086 0.661853914 1 0.710916091 0.579460812 0.465620618
0.582179052 0.630449305
YLR191W "YLR191W::PEX13::Pas20p may be the component of peroxisomal protein
import machinery that binds Pex5p, the mobile receptor for type I peroxisomal
targeting sequence (PTS1)-containing proteins" 0.907458505 0.936108426
1.100255694 0.997569463 1.093287381 1.070922476 1.006984787
1.096537998 0.992235153 1.090506246 0.909144345 1.014232617 1
1.670737538 1.241857741 1.201420475 1.193992195 1 1.233497505
0.723771773 0.665112158 1.116264449 1 1.111006244 1.238793262
1.217770725 1.028143225 1.03934224 1 0.953809569 1.048544564

	1.054592801	0.999533914	1.130117073	1	0.945222563	0.940098161	
	1.051766974	1.120873696	0.913537597	0.971942653			
YDR029w	YDR029w::YDR029W::molecular_function unknown				1	0.788558267	
	0.948980072	1.133995207	0.906118302	1	1.059180437	1.21429786	
	1.009960475	0.610571714	1	1.111463695	1.149819808	0.513304687	
	1.13922087	1	0.600272128	0.550260289	0.729048345	0.781145557	1
	1.025410633	1.299443242	0.768213162	1	1.987684019	1.913095491	
	2.530285743	2.206313963	2.454195749	1	0.567968318	1.183082791	
	0.940928606	0.355825141	1.089688674	0.841707533	0.943635325		
	0.504067218	0.922320312					
YLR193C	YLR193C::YLR193C::molecular_function unknown				1	0.920627743	
	1.132563122	0.833713596	1.060900617	1	0.985611467	1.03425765	
	0.932971978	0.999653533	1	1.34154103	1.055198225	1.358464734	
	0.83960076	1	1.570098848	0.924784271	1.337251032	1.028691925	1
	1.350847212	1.054538973	1.311245758	1.19494818	1	1.062245196	
	0.919442957	0.848200145	0.99535054	0.967339462	1	0.911380844	
	0.690534734	0.829231263	1.086702009	1.39483296	1	0.699452821	
	0.519829775	0.967617822	0.909451261	0.995049144	1.098032451		
YDR043C	YDR043C::NRG1::involved in regulation of glucose repression						
	0.829887469	0.842725331	0.790529241	1.113087718	0.759126425		
	0.78863827	0.885086617	1.074235522	0.994646386	0.890597722		
	1.241017134	1.202198536	1	1.503328182	1.313616963	1.617319341	1
	2.032723159	1.911389416	1.920600012	0.85594575	0.828360878		
	0.982036875	0.686444944	0.790376248	1	2.463850393	1.956713603	
	1.531244828	1.031180073	1.66187429	1	1.490244006	1.124631447	
	0.686199208	0.672690658					
YLR195C	YLR195C::NMT1::N-myristoyl transferase				1	0.742531135	
	0.764192133	0.987263696	0.746822418	1	0.840240852	0.867012933	
	0.893793791	0.939741163	1	0.771769196	0.785416723	0.608751286	
	1.065799607	1	0.888603645	0.485954747	0.572341162	0.941807305	1
	1.244511519	0.796928291	0.585186794	1.177606164	1	0.910343106	
	0.950051179	1.029163875	1.104156384	1.126809305	1	0.968286483	
	0.67997844	0.876818632	0.953911574	0.745467124	1	1.01117038	
	0.725456994	1.022963563	0.78657145	0.969545163	0.98245011		
YDR045C	YDR045C::RPC11::TFIIS-like small Pol III subunit C11				1		
	1.246796771	1.502841846	1.046779243	2.045392289	1	0.933528349	
	0.816925404	1.734045165	1.552228209	1	0.903274208	0.785237238	
	1.036571027	1.303947522	1	0.673647991	0.661683144	0.667927588	
	1.093798319	1	1.086593633	0.848826752	0.921454156	1	
	0.675368755	0.744157551	0.587222977	0.698111124	0.971716659	1	
	1.822632935	1.045370799	2.055823384	3.211472915	1	0.877935908	
	1.172220195	0.694307947	1.587216344	0.724748936			
YLR197W	YLR197W::SIK1::part of small (ribosomal) subunit (SSU) processosome (contains U3 snRNA); similar to microtubule binding proteins and to						
X90565_5.cds	1	1.043853797	0.660309989	1.001044219	1.137007151	1	
	1.03618954	0.791404874	0.743315007	0.962695104	1	0.667717064	
	0.41991603	0.255524373	0.896639656	1	0.677044006	0.311116028	
	0.167435078	0.418099894	1	0.672323146	0.16634769	0.13896564	
	0.593530528	1	0.909127865	0.754583747	0.757859209	1.096036114	
	0.827617377	1	1.023283658	0.686294793	0.503576802	0.665154671	
	1.039717582	1	0.85006729	0.644743532	0.890289033	1.261445336	
	0.707313164	0.829215951					
YLR199C	YLR199C::YLR199C::molecular_function unknown				1	1.016162448	
	1.089697595	0.969869993	1.399447203	1	1.04380239	0.894915763	
	1.238540151	1.262535419	1	0.810967444	0.859556817	1.28422628	
	1.073824603	1	0.832210438	0.552998696	1.090738234	1.312829974	1
	0.962360317	1.21671943	1.298187885	1.138862858	1	0.826581967	

0.922319498	0.760558636	0.763832473	0.936259063	1	1.037777244	
0.928575746	0.807205011	0.772683114	0.964688636	1	0.889439642	
0.919936048	0.904274797	1.049819458	0.895515766	1.238132366		
YLR213C	YLR213C::CRR1::CRH-Related		1	1.546644518	1.313577067	
1.393761674	1	1.464154744		1.318264634	1.614355138	1
1.605429515		1.293198185		0.853466568		0.744526922
0.67114592	1	0.989883164			1	0.980285752
1.010138894	0.935311079		1	1.067845654	0.734689446	0.647544517
0.928879226	0.975028862	1		1.038300424	0.721693406	1.051816019
0.967817306	0.955025026	1.210112341				
YLR215C	YLR215C::CDC123::Product of gene unknown		1		0.874243549	
0.939167845	0.925818219	1.344851337	1		0.859646162	0.741126087
1.17888143	1.247206801	1	0.86400327	0.942254325	1.026830693	
1.282276014	1	0.646615976	0.684527733	0.59210121	1.064211567	1
1.081650791	1.661177739	1.414139858	1.088858334	1		0.859106
0.844367116	0.647141236	0.707360579	0.740351871	1		0.969193626
1.188011725	0.883724095	0.962861521	1.324300947	1		0.926044695
1.015764322	0.957146851	1.130809453		1.379983402		
YDR511W	YDR511W::ACN9		1	0.880813161	1.259164936	1.01883731
1.605377562	1	0.803204513	0.918889481	1.459704876	1.351806528	1
1.124250305	1.393528967	2.261877394	1.09287891	1	1.701618239	
1.358534218	1.501920538	1.586750591	1	2.348619697	3.775993915	
3.357493337	1.759942956	1	1.065002088	1.316883523	0.73030586	
0.666592118	0.838111282	1	1.097400778	1.830249227	1.592407031	
1.500508232	2.038449284	1	1.071381812	1.737734723	1.144403526	
1.270949738	1.483171537	1.47542639				
YDR513W	YDR513W::TTR1::Glutaredoxin (thioltransferase) (glutathione reductase)		1	1.093208946	1.678863141	1.139600858
1.292186118	1.420146797	1.801355067	1.695956857	1	1.730530092	
2.799701769	4.552125817	1.23499395	1	4.112873899	3.200821805	
3.973784344	3.81192632	1	4.803384896	9.70081493	9.25268874	
3.184449006	1	1.280704729	1.91582887	1.319108699	0.566241769	
0.788100076	1	1.513706709	2.980009119	2.095324182	1.26200709	
1.091312915	1	2.102839447	2.41014656	1.294260536	0.778519852	
1.62344693	1.821297853					
YDR515W	YDR515W::SLF1::Associates with translating ribosomes; may function in cytoplasm to modulate mRNA translation; regulates the copper-dependent mineralization of copper sulfide complexes on cell surface in cells cultured in medium containing copper salts		1	0.507470067	0.745544327	
0.83096503	1	0.643334617	0.760226277		0.757126797	1
0.650482614	0.808459151	0.763427143	0.742281673		0.900933083	
1.090968747	1.445439248	1	2.245156533	5.721738204	4.885454511	1
0.950783073	1.498386628	0.98596046	0.746691628	1.027390319	1	
1.500766234	2.263949423		1.096346294	1.131702216	1	
1.108309407	0.823849345	0.836921968	1.038567807	0.894012128		
YDR517W	YDR517W::GRH1::Yeast (GR)ASP65 (H)omologue		1		0.908381946	
0.912573696	0.804459782	0.592624399	1	0.932233362	0.995932554	
0.763001923	1	1.13833433	1.289802757	1.096212491	0.888528458	1
1.494664363		1.72782928	1.393225723	1	2.324147717	2.260357053
2.567059716	2.094301107	1	1.064887435	1.267366333	1.810901181	
1.510714467	1.222234241	1	1.106907633	0.949733529	1.036943318	
0.896047039	0.464336411	1	0.790900235	0.76967507	0.84646789	
0.672275849	0.607284147	0.756539156				
YDR519W	YDR519W::FPR2::binds the immunosuppressant drug FK506		1			
1.447576946	1.286014744	0.955651531	1.472744269	1	0.930208669	
0.906193404	1.3442238	1.304938326	1	1.223142409	1.188977084	
1.465728752	1.342786509	1	1.424541627		1.241461707	1.63046109
						1

1.548495427	1.702421301	1.881174148	1.238902404	1	1.121351345
1.097571868	1.248950773	1.263644001	1.070702806	1	0.948095834
1.405164292	1.216776563	1.017254386	1.312561619	1	0.968149381
1.333573437	0.803057905	1.231997255	0.882243564	1.583128164	
YDR521W	YDR521W::YDR521W::molecular_function	unknown		1	1.197316237
1.015013882	1.068995233	1	0.955041475		0.858333976
1.093867953	1.299499185	0.831974991	1.170380376		0.445354106
	0.149013383		1	0.799989992	
0.845504093	1.175369876	0.965414768	1	0.995261806	0.712433453
0.837227086	1.183757937	1	0.835399038	0.823142331	
0.499476696	1.01204534	0.778429735			
YDR535C	YDR535C::YDR535C::molecular_function	unknown		1	1.42074703
1.311413708	1.004974136	1	1.340975506	1.984351577	
1.167258765	1	1.445562392	1.127928592	1.165884473	
0.5816975	0.275578249	0.717629297	0.51986301	1	0.893100763
	1	1.176328281	0.877530854	1.056246815	1.096901566
0.900211115	1.084369118		1.194211814	0.936957953	1
1.245521971	1.206273166	0.934539769	1.139280281	0.867743381	0.928821335
YDR537C	YDR537C::YDR537C::molecular_function	unknown		1	1.15782561
0.754938299	0.559758212	1	0.827018647	0.825571353	
0.708454484	1	1.082169398	0.790741471	0.541884072	0.713726035
0.739067915	0.748634859	0.568493734	0.699344778	1	1.144161452
1.244303862	0.850107011	1.874928185	1	1.050497824	0.960485637
1.614438279	1.215768383	1.011630778	1	0.803436531	0.542706849
0.589620387	0.533870041	0.402119329	1	0.900670924	0.557914797
0.852608035	0.667603817	0.808925612	1.031485049		
YDR047W	YDR047W::HEM12::fifth enzyme in the heme biosynthetic pathway				1
1.079109343	1.07449745	1.099134998	0.951696262	1	1.039582664
1.137161357	1.252760412	1.343913419	1	1.020928275	0.943693785
1.269795352	0.947850862	1	1.155654626	0.880715527	0.830420047
0.994317877	1	1.158403024	1.118850377	1.009074611	0.808315389
0.959741802	0.885378238	1.252035926	0.977632968	0.944582541	1
1.233648143	0.981280216	1.043003933	0.974233241	0.767728281	1
0.951966977	0.820996696	0.709594581	0.86028131	0.637653094	0.968440097
YDR539W	YDR539W::YDR539W::molecular_function	unknown		1	1.00147023
0.881708693	0.863669189	0.748151319	1	1.002372688	0.983308405
1.052361165	0.808240882	1	0.984991172	0.99501877	0.811183343
1.022494392	1	1.088739669	0.821777129	1.127666887	1.073307479
1.072643477	1.166451506	0.738779132	0.997179836	1	1.019733274
1.170955068	1.293729444	1.178413037	1.348715249	1	0.889994846
0.808473442	0.986112811	1.293235823	0.748328993	1	0.860575709
0.828100764	1.106729543	0.958689366	0.875811242	1.773138684	
YDR049W	YDR049W::YDR049W::molecular_function	unknown		1	0.81332354
0.983090545	1.077596835	0.923793655	1	0.957364709	0.912675044
0.977575776	1	0.851154511	0.852084497	0.76678823	1.110285734
0.858120144	0.899320068	0.874711603	1.010844785	1	1.111465016
1.285104148	1.129201738	1.148936189	1	1.040509494	1.11283139
1.219074338	0.978076382	1.265095418	1	1.099518079	1.063436548
0.930098424	1.133285227	1.190819904	1	0.95218411	0.893652562
1.066724681	0.916269225	1.042868171			
YDR541C	YDR541C::YDR541C::molecular_function	unknown		1	1.15729478
0.920073551	0.927968951	0.920139426	1	1.026595322	1.017000674
0.968464154	0.909354757	1	1.250116092	1.155969873	1.083153036
1.068949777	1	1.185748504	1.004888195	1.17174718	1.526070584
1.017811348	0.821546007	1.044988719	1.426492715	1	1.204550501
1.21007952	1.09649046	1.255794491	1.281081985	1	0.932907391

	0.974162405	1.220958676	1.434313011	0.901373953	1	1.008508366	
	0.930417749	0.996005364	0.938813686	1.025686378	2.520921451		
YDR051c	YDR051c::YDR051C::molecular_function unknown					1	0.648288613
	0.890560038	0.778879704	0.988306607	1	0.777555737	0.725022973	
	1.113309752	0.950641515	1	0.652569819	0.879707653	0.90293347	
	0.849200813	1	0.973044603	0.570119551	0.923715836	1.168443158	
	1.138400079	1.863577601	1.786309378	0.64735711	1	0.952942485	
	1.176135575	1.086030399	0.963773259	1.325072427	1	1.010982943	
	1.16372151	0.733658455	1.441778127	1.587255374	1	0.933558136	
	0.782399137	0.830478		1.01826099			
YDR053w	YDR053w::YDR053W::molecular_function unknown					1	0.726102639
	0.903114952	1.049106603	0.882333613	1	0.987848219	1.004460531	
	0.866486951	0.748115127	1	0.813905623	0.83321373	0.613004164	
	0.987475542	1			0.922020259		
	0.696852864	0.522697543	0.616668685	0.651660251	0.678688488		
	0.936777662	1	1.109561482	1.047585977	0.896466144	0.874935901	
	0.773405095	1	0.661172687	0.671541341	0.823402626	0.759880782	
	0.954030495						
YLR217W	YLR217W::YLR217W::molecular_function unknown					1	0.860627369
	0.961427366	1.352403723	1.06143633	1	1.025959616	1.329655194	
	0.924720827	0.944292996	1	0.832542502	1.167972935	1.198119092	
	0.815158565	1	1.329817658	1.238508915	1.607096853	1.885413844	
	1.150367883	0.528095687		1.901598733	1	0.952385021	
	1.47976076	0.756463438	0.96452917	1	1.526122128	1.382066892	
	0.847972009	0.479249081	0.311835026	1	1.698261998	0.916674766	
	0.736059918	0.521020874	0.811829739	0.83184279			
YDR067c	YDR067c::YDR067C::molecular_function unknown					1	0.885063136
	1.047040541	0.983642115	1.298970114	1	0.91961808	0.904286657	
	1.733165948	1.227199779	1	0.901891526	1.113926482	1.382057673	
	1.062722508	1	1.053100836	0.999271617	1.35991686	1.603933819	
	1.026231876	2.131832362	1.563847838	1.133258596	1	1.03097876	
	1.352256155	0.781458917	0.951239045	1.060264751	1	1.02916028	
	1.370446449	1.235093963	1.378254824	3.743546912	1	1.292587357	
	1.293357956	1.265906094	1.524337536	2.12457911	1.619904421		
YLR219W	YLR219W::MSC3::Meiotic Sister-Chromatid recombination					1	
	1.193289812	1.250000717	1.319014915	1.204347585	1	1.282592464	
	1.180857069	0.972148749	1	1.24753021	1.523879098	1.220357325	
	1.269943599	1	1.244941808		1.002335187	0.889068419	
	0.771172804	0.984062692		1	1.289773562	1.165602976	
	1.210642268	1.149518665	0.864366804	1	1.117395696	0.670592942	
	1.203801958	0.932462695	0.511338472	1	0.95188091	0.802413909	
	1.108959009	0.74222304	0.906315523	0.993833232			
YDR069C	YDR069C::DOA4::deubiquitinating enzyme; vacuole biogenesis gene					1	
	0.690082556	0.758029549	0.99339115	0.692949059	1	0.871237669	
	0.968232345	0.754511564	0.621548719	1	1.107820915	1.018744888	
	0.479473568	0.919886679	1	1.517125948	1.247917333	0.969972592	
	1.074628807	1.152472788		0.909988582	1	1.182593275	
	1.352142647	1.054282031	0.935970815	1	1.72773968	0.884639008	
	1.129695182	1.194416419	0.813936676	1	1.638361125	0.969654891	
	1.057917354	0.835145778	1.379023237	0.705752939			
YLR221C	YLR221C::RSA3::RiboSome Assembly					1	0.727150386
	0.691448908	1.218334119	1	0.653241255	0.558664252	0.969908803	
	1.086088061	1	0.505109616	0.425152169	0.42725383	0.964849499	
	0.348037454	0.211057745	0.254548032	0.542045109	1	0.691127925	
	0.47783259	0.41316107	0.413686381	1	0.916505791	0.793723786	
	0.540904359	0.718721372	0.928420535	1	0.918068973	1.053674917	

	0.745105746	1.241682034	2.126730153	1	0.768998845	0.937095919
	1.58700175	0.836972704	1.182967981			
YDR071c	YDR071c::YDR071C::molecular_function unknown				1	0.601114857
	0.975195914	0.702684966	1.155791572	1	0.646259418	0.657532337
	1.150869188	0.923086383	1	0.623461652	0.986402362	1.126649758
	0.844337172	1	1.055170888	1.05870411	0.912283448	1.487540778
	2.154834237	2.500468706	2.179098872	1.636222448	1	0.862325921
	1.203986383	0.77707047	0.660394332	0.957797242	1	1.128907517
	1.938502547	1.221476333	1.341061839	2.462546068	1	1.357884558
	1.758948799	1.130374583	1.794505073	1.751140586	1.384361518	
YLR223C	YLR223C::IFH1::Interacts with fork head protein. Protein controlling pre-rRNA processing machinery in conjunction with Fhl1p				1	1.240920058
	1.286645645	1.570182122	1.504110111	1	1.48744869	1.365375831
	1.408462979	1.56899634	1	1.232572459	1.497611433	1.116616834
	1.514092748	0.572390349		0.435741931	0.508860637	
	0.436562625		1	0.614954451	0.69553508	
	0.71993783	0.856711269	1	0.887953209	0.820835181	0.797754229
	1.25254753	1.367691513	1	0.828095797	1.020582894	1.392671208
	1.457951972	1.531897865	1.292420981			
YDR073W	YDR073W::SNF11::component of SWI/SNF global transcription activator complex				1	1.416476763
	1.066962804	1.053400951	1.248632645	1.159369926	1	0.833363839
	1.039085457	1.307712331	1.074890591	1	1.213615939	1.024911462
	0.835082029	1.734030827	1	1.131421449	1.473425729	1.814533833
	1.016517326	1	1.036430905	1.120120841	0.901872148	0.979998679
	1.060747104	1	0.770262553	0.9091029	0.829675614	0.935698105
	2.50055059	1	1.002677676	1.074205068	0.887898865	1.352925488
	1.587204122	1.47805328				
YLR237W	YLR237W::THI7::Thiamine Metabolism				1	1.226202811
	1.082361519	0.756622487	1	1.072781525	1.085496566	0.851693176
	1.050759466	1	1.062155907	0.69955271	0.724500222	1.290005599
	0.677978828	0.425101962	0.597199766	0.901567026	1	0.707915585
	0.534572977	0.694822515	1	0.997819796	0.61887777	1.037560317
	1.491193801	0.931821999	1	0.617311216	0.562219543	0.549166955
	0.943342676	0.608928624	1	0.61182792	0.540641035	0.788704262
	0.762115762	0.645956453	0.539384381			
YDR075W	YDR075W::PPH3::protein phosphatase type 2A				1	0.811254558
	0.942181208	0.813635188	1.072427139	1	0.742178984	0.745970044
	1.166318438	1.15841328	1	0.584863786	0.561620873	0.597803555
	0.862622083	1	0.481884899	0.371865854	0.447358061	0.780692309
	0.799318099	1.035302389	0.838706363	0.501722175	1	0.698312939
	0.50496082	0.529776679	0.719457874	0.888789629	1	0.631891873
	0.885604953	0.647904595	1.116405851	1.092244184	1	0.871279153
	1.104914859	0.992507142	1.271999085	1.0550047	0.95530575	
YLR239C	YLR239C::LIP2::LIPoyl ligase 2				1	0.833571881
	1.094513269	1.277703775	1	0.99433386	1.288493785	1.341090476
	1.326971631	1	0.976768296	1.126923991	1.225572389	1.090850963
	1.003926435	0.909023302	0.822776589	1.208371863	1	1.736377116
	1.818902738	1.369851267	0.961622667	1	0.943257806	1.184889696
	0.894392707	0.856336007	0.957560144	1	0.87100064	1.135232632
	1.770081642	1	0.905827176	1.011256468	0.964588547	1.483827592
	1.031485049					
YDR077W	YDR077W::SED1::putative cell surface glycoprotein				1	
	0.957687319	0.93256723	0.800758757	0.455967533	1	1.230102866
	1.395993619	0.471920385	0.633670155	1	0.949661143	0.85407976
	1.358908345	0.561775414	1	1.080244023	1.054700059	1.661269112
	1.613803413	1	0.373065824	0.246759669	0.404713337	1.150509525

0.961906212 0.585243065 0.863584335 1.077066719 1.045166065 1
 0.656843683 0.487681118 0.336566551 0.816765032 0.662384687 1
 0.584313947 0.341995429 0.598843487 0.636686662 0.808848402 0.731146021
 YLR241W YLR241W::YLR241W::not yet annotated 1 0.912789134 0.857401011
 0.956297687 0.766147014 1 0.986503348 1.052738393 0.893647396
 0.73338903 1 1.056002572 1.08623722 0.823845801 0.939923162 1
 1.7905019 1.237170835 1.462869463 1.311160059 1 1.264945362
 0.962344038 0.954397995 1 1.155122798 1.063374576
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 1.128473666 1.493403002 1 0.914069308 0.915975813 1.072709721
 1.269683307 0.986587702 1.025355707
 YLR245C YLR245C::CDD1::Involved in cytidine and deoxycytidine metabolism
 1.004730173 0.895110963 1.347365978 0.741079561 1.259157074
 1.167580026 1.313055176 1.040781808 0.986206998 1.135988059
 0.78293924 1.05339214 1 0.752498176 0.570417399 1
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 0.706714184 0.917723912 0.652551516 1 0.813479299 0.79711765
 0.692424724 0.707812698 0.926448077 0.953554524
 YLR247C YLR247C::YLR247C::helicase 1 1.135412625 1.130270294
 1.265905709 0.897523256 1 1.261012703 1.326666112 0.922360752
 0.784594328 1 1.650281822 1.706030253 0.784823692 1.154280159 1
 1.127070636 1.03514311 1.078663318 1.270296826
 1.009214491 0.859923003 1 0.989465654 1.128211899 1.054710353
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 0.646210491
 YDR545w YDR545w::YRF1-1::Y'-helicase protein 1 1 1.630838701
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 1.048300802 1.169547421 1.241820333 0.944051051 1.139182506 1
 1.095599464 1.325558429 0.920801281 0.95228634 0.700848904
 YDR545w YDR545w::YRF1-1::Y'-helicase protein 1
 1 0.884605647 0.937060545
 1.264594816 1.093028532 1.164343886 1 0.724197303 0.58753407
 0.967252706 1.066753545 0.586722581 1 0.68668913 0.79763285
 1.103341924 0.772905395 0.902683454 0.705752939
 YEL014c YEL014c::YEL014C::molecular_function unknown 1 1.01214414
 1.283949898 0.770604816 1.243779883 1 0.80691765 0.829315123

1.340391089	1.097285208	1	0.781619486	0.841844745	1.225941501	
0.899230151	0.366702098					
1	0.81967821	0.790520494	0.657922843	0.572808372	0.831346033	1
0.71378853	0.89840988	0.737502956		1.793855826	1	0.672514068
0.962896684	1.234250071	1.294620961		1.278411073		
YEL016c	YEL016c::YEL016C::molecular_function	unknown	1	1.151930771		
1.014754033	1.167686952	0.943701652	1	1.066859687	1.000442372	
1.015248145	1.024419285	1	1.089189225	1.020920013	0.720650997	
1.425260607	1.367221787	1.628864241	0.75743782			
	1.056694251	1	1.051384724	0.975698758	1.074032166	1.08164796
1.038083107	1	0.865424676	0.830680307	0.970416295	0.877997584	
1.167698939	1	0.810016026	0.795445236	0.995946871	0.801807827	
1.201830319	0.688240476					
YEL017w	YEL017w::YEL017W::molecular_function	unknown	1	1.660588874		
1.65389441	1.147139428	1.695661782	1	1.208066788	1.112228361	
1.269106475	1.326182087	1	1.204766806	1.169700082	1.629628391	
1.014519248	1	1.110796092	0.780867316	1.211119248	0.940074265	1
0.727562032	1.368285479	0.708440901	0.686146095	1	0.85952066	
0.961447512	1.073373408	0.889329181	1	1.003995045	0.855895364	
0.97517367	0.683117941	1	1.027900809	0.997822957	0.978214669	
0.92816139						
YEL019c	YEL019c::MMS21::Protein	involved in DNA repair				
1.209833991		1.035172463	1.24666356	1.417728669	0.987503711	
1.114003998		1.438134823	1	0.336933042		
0.558327559	1	1.017399837	1.873691932	0.805825687	1	
1.027532822	1.030367074	0.808676882	0.841824738	1.02031154		
0.861830002		1.13708573	1	0.829363528	0.978838568	
1.195187307		0.939544512				
YEL021w	YEL021w::URA3::orotidine-5'-phosphate	decarboxylase	1			
1.412828934	1.758033575	1.12950895	1.605089418	1	1.171288154	
1.137994009	1.496312736	1.128060327	1	1.049253941	1.375307307	
1.159253927	0.954705392			1.010844785		
	1	1.051606288	1.063573777	0.591324598	0.779896687	
1.086571401						
	1.616401866					
YEL023c	YEL023c::YEL023C::molecular_function	unknown	1	1.493273087		
1.653767561	1.301464107	1.578912802	1	1.915760547	1	
		1		1.039797936		
		0.760079836	0.969182228	0.876477705	1.072653561	
	0.993093197	0.682644179	0.852583387	1.176475676	0.845389364	
0.90401308		1.187016795	1.010470134			
YDR091C	YDR091C::RLI1::Strong protein	homology (68% identical) to human RNase L Inhibitor (RLI). Required for vegetative growth and early sporulation.				
1	0.885879381	0.527340202	0.924937611	0.675971969	1	0.92295639
0.847001204	0.567632758	0.740791249	1	0.577268107	0.353178731	
0.226016866	0.735812992	1	0.351325972	0.174678438	0.314783301	
0.535320857	1	0.261873546	0.312642477	0.201826705	0.279727602	1
0.574579151	0.28658383	0.339806389	1.255965149	0.838743562	1	
0.40921724	0.19673196	0.10091051	0.303300845	0.413027303	1	
0.512752806	0.252388666	0.481883942	0.715370157	0.553494555	0.684737973	
YEL037c	YEL037c::RAD23::ubiquitin-like	protein	1	0.711892864		
0.78555269	0.831300508	0.430111739	1	0.877606853	0.963580116	
0.724346974	0.705728179	1	0.735881287	0.976344651	0.890526498	
0.667597476	1	1.110483653	1.072302123	1.382171653	1.088859606	1
1.037087273	0.575736365	0.881274443	0.960579594	1	1.039206239	
1.135584426	1.061861704	1.087089189	1.164585063	1	0.921354156	

	0.814162561	0.626162844	0.835246558	0.53269225	1	0.668927848
	0.693552273	0.950190971	0.606319441	0.561230445	0.938668951	
YEL039c	YEL039c::CYC7::iso-2-cytochrome c	1	1.574116976	2.185987357		
	1.481874021	2.051653903	1	1.450243038	1.488624095	2.093776111
	1.642075759	1	0.81359942	1.619887566	3.033865772	1.040529015
	2.692229043	2.486400549	4.835357186	2.757053768	1	1.838063603
	2.3146206	4.664409345	0.886023471			
	1.139634537					
	0.223516044	1.146191829				
YDR093W	YDR093W::DNF2::Drs2 Neol Family	1	1.139395114	1.056143219		
	1.163182347	0.819299021	1	1.22132685	1.183948748	0.908119265
	0.926064894	1	1.232124178	1.115377475	0.768831538	1.018420424
	1.05214326	0.663940458	0.839759091	0.896335327	1	0.772308897
	0.904865899	0.672357369	0.605297211	1	1.002702033	0.85610559
	1.090463274	1.131536288	1.020174623	1	0.755643781	0.779474472
	0.6657513	0.775594531	0.686675193	1	0.763452105	0.961464598
	1.021937234	1.061049757	0.940298064	0.92816139		
YDR095C	YDR095C::YDR095C::molecular_function unknown	1	1.339420788			
	1.694185014	1.217987233	1.181511904	1	1.277900508	1.139945545
	1.723767167	1.440731075	1	1.506467338	1.458472851	2.18163944
	1.218953783	1	0.97901028	1.86484128	1	1.103062084
	2.788383957	1.639000185	0.566102152	1	0.884482386	0.785300854
	0.923086496	1.057028653	0.919604673	1	0.898666881	1.048115559
	0.72775854	1	0.857848106	1.024315827	1.028959249	
	1.255813875	0.947425183				
YDR097C	"YDR097C::MSH6::Required for mismatch repair in mitosis & meiosis, low levels of postmeiotic segregation & high spore viability; forms complex with Msh2p to repair both single-base & insertion-deletion mispairs; redundant with Msh3p in repair of in-dels"	1	0.94963475	0.877263295	1.238174875	
	0.900964402	1	1.033545983	1.065778564	1.067286161	1
	0.870686185	0.635574514	0.425204747	1.51463003		1.179217135
	1.045227227	1	0.411254385		0.350717992	1
	0.543209119	0.718327656	0.728826525	0.794590377	1	0.849562052
	0.801749417	0.892540041	1.492691273	0.555612074	1	1.014447948
	0.983874219	1.340036877	0.801901688	0.785681933	0.609434286	
YLL040C	YLL040C::VPS13::vacuolar Protein Sorting	1	1.157092804			
	1.207113817	1.244187828	1.315113435	1	1.376912866	1.096877081
	1	1.035363721	1.121149126			
			1	1.29798475	1.066791201	1.594648759
	0.94998534	0.774369132	1	1.50116843	0.978356802	0.577263832
	0.347462868	0.289021627	1	1.423005977	0.928220796	0.743458649
	0.494082604	0.80833457	0.917653933			
YDR099W	YDR099W::BMH2::Brain Modulosignalin Homolog	1	0.957836851			
	1.051336396	1.06520912	1.275784709	1	1.039978912	1.231376424
	1.054432793	1.22210296	1	0.925188177	1.145704645	1.531476705
	1.042908256	1	1.478100958	1.533867646	1.763983633	1.845205601
	1.308558276	1.333714383	1.806677412	1.568028451	1	0.918272513
	1.051420692	1.134074502	0.929835021	0.876194946	1	1.199762462
	1.264425351	1.079245732	0.897799207	1.14579296	1	1.218350594
	1.25941629	1.045709854	1.152784652	1.73188135	1.154948061	
YLL042C	YLL042C::APG10::Involved in autophagy; protein-conjugating enzyme involved in the Apg12p-Apg5p conjugation pathway	1	1.877149881			
	1.747536824	1.323575861	2.119094194	1	1.481476353	1.276441471
	1.812923538	1.800371715	1	1.527355292	1.591433048	2.119572633
	1.450193069	1	1.124100461	0.827880267	1.2411612	1.326924162
	1.14737922	1.869676785	2.009534251	0.934984239	1	1.061792306
	1.242284148	0.86009992	1.21864626	0.834328485	1	1.203867899

	1.311616458	0.812021282	0.847716162	1.141256263	1	1.5680497
	1.280321154	0.954748297	1.457591181	1.358749207	1.127803701	
YDR101C	YDR101C::ARX1	1	0.776422772	0.565575563	0.796034343	
	0.578996201	1	0.721250007	0.624093167	0.701790541	0.707037378 1
	0.417360634	0.294994979	0.266589089	0.766422188	1	0.214409438
	0.160493488	0.38458552	1	0.317977268	0.201049536	0.132822248
	0.502613022	1	0.70244729	0.439058114	0.621214924	0.897298628
	0.775549505	1	0.668743991	0.455328527	0.306581832	0.698605123
	0.925378531	1	0.534925092	0.49125317	0.724649392	0.843046818
	0.417425208	0.769673503				
YLL044W	YLL044W::YLL044W::molecular_function	unknown	1	1.236353856		
	1.068585113	1.055640556	1.248519885	1	1.194749753	0.968525375
	1.027644326	1.198363787	1	0.92116408	0.878954182	0.531390394
	1.012395191	1	0.538699287	0.324071577	0.154816254	0.380514427 1
	0.766235412	0.210802306	0.147322462	0.634099561	1	0.85403671
	0.670217585	0.850561292	0.885303803	0.87303437	1	1.209310243
	0.959141219	0.608572504	0.533216719	0.699670084	1	0.781240297
	0.519413523	0.55342234	0.551600039	0.541682547	0.689116088	
YDR115W	YDR115W::YDR115W::molecular_function	unknown	1	0.91348164		
	1.322745983	1.064874639	1.462879999	1	0.971488912	1.144300278
	1.566860839	1.463585756	1	0.973743497	1.136718539	1.855333299
	1.113923436	1	1.244127211	0.989817333	1.018919043	2.115047502 1
	1.733573453	2.439708525	1.866981335	1.520151574	1	1.064504448
	1.099184808	0.9844459	0.827638691	0.915626541	1	1.171762913
	1.453913678	1.097292208	0.927465048	1.322848153	1	1.238020045
	1.256495562	1.109532543	1.275975938	1.544855076	1.430769567	
YLL046c	YLL046c::RNP1::ribonucleoprotein	1	1	2.123113812		
	1	2.057576948	1	1.780851017	2.687006524	
	2.214483927	0.74084994			0.436562625	
	1	1.001141174	0.952338844	0.697602779		1.00070062 1
	1.165790486		1	1.08953658	1.054924388	
	0.906310363	1.071569198	1.084604169	1.34145592		
YDR117C	YDR117C::YDR117C::molecular_function	unknown	1	0.687186537		
	0.82261608	0.78047763	0.757767531	1	0.821165552	0.802594313
	0.884551496	0.731074147	1	0.630699507	0.805854187	0.557997401
	0.89177211	1	0.726094753		1.013810188	1
	1.349209363	1.165776188	1	0.94230377	0.98990148	0.881473871
	0.788996433	0.865194822	1	1.094779315	1.162236237	0.865523015
	0.801782029	1.031698296	1	1.071605038	1.113352218	1.07536192
	1.119408794	1.134489008	0.830967177			
YLL048C	"YLL048C::YBT1::Yeast bile transporter, similar to mammalian bile transporter"	1	1.290523312	1.020305385	0.818868556	1.100554103 1
	1.10200483	0.963184067	0.907333201	0.941569059	1	1.001045895
	0.853081056	0.660183467	0.747684382	1	1.009887159	0.507579524
	0.315485767	0.394944034	1	0.723316315	0.319130133	0.221308857
	0.552521724	1	1.054652265	0.912809134	0.937347677	1.338204656
	0.991836351	1	1.252276765	1.072951383	0.538464222	0.544034471
	0.763691397	1	0.956739419	0.819382306	0.776872375	0.962295237
	0.706318606	0.62957364				
YDR119W	YDR119W::YDR119W::molecular_function	unknown	1	1.052369152		
	0.680727909	1.116793747	0.649368738	1	1.093876011	0.926214756
	0.788975558	0.715120945	1	0.830971965	0.603217982	0.322526189
	0.79344028	1	1.094593356	0.608446552	0.653678186	0.506065507 1
	0.406212592	0.277830265	0.573035728	1	0.793313597	0.70270789
	0.88155869	1.126737471	0.739372343	1	0.800236776	0.464170763
	0.454824742	0.572349165	0.558820169	1	0.936837148	0.624040875
	0.864285221	0.941276816	0.753706664	0.525374421		

YLL050c YLL050c::COF1::yeast cortical cytoskeleton component; mammalian
cofilin homolog 1 1.162727514 1.448013202 0.991938314 1.601527416 1
1.19967382 1.151171257 1.540214053 1.413930352 1 1.144915117
1.337858893 1.989406469 1.227862775 1 1.223819888 0.898977449
1.206565649 1.989253522 1 1.891065785 2.284145866 2.726808799
1.669697624 1 1.026486468 1.187282605 1.131897122 1.09796802
0.967663925 1 1.271957608 1.860111395 1.371313035 1.294902642
1.529286134 1 1.265234249 1.609808251 1.363171401 1.747087405
1.767547535 1.226749244
YDR121W "YDR121W::DPB4::DNA Polymerase B (II), 4th subunit" 1
1.132768696 1.334119505 1.172251611 1.919203943 1 1.109046633
1.132629844 1.869664431 1.692611311 1 0.919251561 0.975886756
1.186439961 1.542133385 1 0.600963347 0.45518131 0.39902909
1.043374765 1 0.980375622 1.149075766 0.70852175 0.942751228 1
0.935222369 0.997806597 0.672169143 0.875245926 0.844864041 1
0.970050262 1.123322365 0.773936863 1.163473093 2.187267347 1
0.873078081 0.9380308 1.009612932 1.349463361 0.927336727 0.995584457
YLL064C YLL064C::YLL064C::molecular_function unknown 1 1.135516653
1.396440901 0.939769655 1.306719063 1 1.040779311 0.916143703
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1.15793935 1 1.685604063 1.324996289 1.781371412 1.56963408 1
0.965791995 1.666499371 1.263547053 0.856791211 1 1.17860591
1.094849274 1.067151188 1.285810239 1.014977837 1 0.92755161
1.252937647 0.870576519 1.120582605 1 1.214108745 0.981585143
0.943198233 1.205674413 0.929665262 1.223246689
YLL066C YLL066C::YLL066C::molecular_function unknown 1 0.820592628
0.787519928 0.952287271 0.663520068 1 1.029177793 1.101580401
0.753365552 0.728544249 1 0.804469927 0.899966509 0.558575454
0.876529496 1 0.821790501 0.792029856 0.861989421 0.789109371 1
0.660820727 0.68554852 0.441220485 0.745379008 1 0.930328502
1.085689161 1.45990982 1.227403399 1.241580684 1 0.753670396
0.82277587 0.87346878 1.154800637 0.783720304 1 0.947785613
1.004428413 1.206195246 1.13052255 1.114722443 0.661096116
YLR001C YLR001C::YLR001C::molecular_function unknown 1 0.898744552
0.994863757 1.06844765 0.960943384 1 1.020326358 1.112048598
1.022069425 0.959349892 1 1.048581979 1.113712788 1.258599322
1.111998428 1 1.604903246 1.644154821 2.280875354 1.531307439 1
1.741955162 1.729602756 2.016533029 1 1.073841395 1.306344025
1.674411057 1.335879064 1.035805587 1 1.085609299 0.921596436
1.264598386 1.296974996 0.681829725 1 1.433763119 0.981738174
1.443423927 0.954882559 1.173264283 0.899265805
YLR003C YLR003C::YLR003C::molecular_function unknown 1 0.672238578
0.692790477 0.603996255 0.90528281 1 0.51931262 0.516329866
0.830241849 1 0.38455007 0.329208699 0.330645319 0.731543873 1
0.296227896 0.656564392 1 0.532549701 0.324120567 1
0.725206029 0.645785311 0.67504867 0.813157068 0.95900099 1
0.678158287 0.760306946 0.555286836 1.182376729 1.581296905 1
0.796196844 0.76875239 0.908155246 1.349805981 0.735185556 1.028858158
YEL041w YEL041w::YEL041W::molecular_function unknown 1
1.192195446 1.284439982 0.952898523 1 1.256034321 1.212143702
1.006976559 1 1.35075687 1.330528778 1.45279033 1.057769869 1
0.895236711 0.831034143 2.257337447 2.686414977 1 2.983920924
4.446206934 10.74928722 4.941824741 1 0.975284061 1.194564292
1.483953814 0.970438878 1.13457442 1 1.038810203
1.470376864 1 1.231295721 1.225233693 0.992017463
1.659399912

YEL043w	YEL043w::YEL043W::molecular_function	unknown	1	1.072984653
	0.810231974	1.005052328	0.522005578	1 1.19156377 1.253352984
	0.67723597	0.557796888	1 1.458389242	0.944289773 0.402346145
	0.826277181	1 0.573012978	0.571506242	0.612749114 0.376633981 1
	0.959565264		0.936674043	1 0.987392832 0.867473258
	0.849390567	1.145334792	1.086336946	1 0.85968446 0.541846927
	0.666881277	0.799353377	0.541630443	1 0.739752676 0.587890832
	0.877327231	0.477023223	0.820271126	
YEL045c	YEL045c::YEL045C::molecular_function	unknown	1	1.562137711
	1.30861587	0.698408293	1 1.264719911	1.258134461 1.090427026 1
	1.907858417		1.187214556	1.583334909 1
	0.792910228		1.422724861	1 0.930600346 0.622709979
	0.978375173	0.791248272	1 0.416422179	0.395785332 0.58302376
	1 0.813868092	0.456850731	1.414643663	0.331523996 0.773523654
	0.573533695			
YEL047c	YEL047c::YEL047C::fumarate reductase (NADH)		1	1.541740343
	1.187012362	1.539322632	0.860050264	1 1.479941469 1.57158768
	1.06358993	1.05161833	1 1.646706171	1.33586123 1.089890028
	1.619418974		1.739739985	1
	1 0.883952152	0.958244159	1.531144427	1.38388116 1.001235937 1
	1.139303818	1.316705495	2.711426809	3.056271693 0.564349878 1
	1.204733766	1.279228799	1.19382954	0.888468016 1.105280219 0.582289979
YEL061c	YEL061c::CIN8::Kinesin-related protein involved in establishment and maintenance of mitotic spindle		1	1.040641669 1.334056271
	1.02160035	1 1.349989675	1.328593069	0.910615882 1
	1.036734147	1.118897859		1.010855992
		1	0.923322021	0.816398006 1.203254047
	1.046239221	1.20878996	1 0.764266171	0.582842516 1.144124889
	0.9570999	0.538393101	1 0.840724106	0.765456748 1.031610984
	0.983814179	0.793038893	0.813454714	
YEL063c	YEL063c::CAN1::arginine permease		1	1.32862465 1.305552631
	1.373737801	1.393973249	1 1.270558105	1.285830397 1.244092332
	1.335306334	1 1.257089552	1.255324139	1.412069889 1.266075285 1
	0.929166821	0.686452832	0.812207581	1.087122826 1 0.932749359
	1.116829437	1.176563845	0.569172609	1 0.839623006 0.998904078
	0.891953272	1.100518924	1.033192781	1 1.054872515 1.112737859
	0.880846766	0.869035336	0.573467905	1 0.999926735 1.073079621
	0.890659566	1.453139803	0.952845385	1.193475543
YEL065w	YEL065w::SIT1::Siderophore Iron Transport		1	0.967898502
	0.820445029	0.826801776	1.544183209	1 0.868068083 0.795108771
	0.499028007	1.307918689	1 6.186290847	4.555655579 1.106350921
	1.655844714	1 2.958221524	1.561090061	0.844983717 0.747610956 1
	1.622305828	0.693405276	0.311359126	0.591446972 1 3.513998042
	3.325655744	3.538706236	0.727021116	1.42758617 1 6.270599064
	6.82238911	8.598535269	3.966134396	0.230742187 1 5.889598937
	4.857643395	1.527817669	0.417934477	0.412768876 0.968440097
YEL067c	YEL067c::YEL067C::molecular_function	unknown	1	1.214512465
	1.247955516	1.274539654	1.175016442	1 1.098268409 1.22575499
	1.368678916	1 1.211959732	1.366679053	1.39376072 1.327771014 1
	0.973461233		1.421980359	1 1.233534465 1.409009221
	1.080185584	0.782469555	1 1.087379727	1.176278266 1.387465533
	1.140560767	1.090388565	1 1.024985545	1.069670678 1.42155502
	1.225981946	0.764150715	1 1.32801866	1.140132025 1.208788571
	0.914151482			
YEL069c	YEL069c::HXT13::high-affinity hexose transporter		1	
	0.889944369	0.916770508	1.243087035	1.005002853 1 1.071891103
	0.933901008	1 1.066212883	0.942566699	0.782424243 0.955766776 1

	1.107475729		0.303847596			1
	1.070286259	1.04793052	0.968372716	0.967458843	1.118645146	1
	0.880751203	0.752767377	0.976218731	0.876474684	0.620259856	1
	0.987074155	1.179571274		1.205172365	0.970241386	0.844977137
YDR123C	YDR123C::INO2::Transcription factor required for derepression of inositol-choline-regulated genes involved in phospholipid synthesis					1
	0.654237553	0.734712109	0.842267544	0.882965593	1	0.755269161
	0.837536588	0.748316681	0.781735144	1	0.638033229	0.650790466
	0.595143735	0.82866764	1	0.561405664	0.524611394	0.513132021
	1.041932838	1	0.801939476	0.994453915	0.854134135	0.993137068
	1.187475036	0.829029073	0.970172315	0.915964778	1.064966035	1
	1.189858561		1	1.221470673	1.202208923	
	1.429462629		1.797656049			
YDR123C	YDR123C::INO2::Transcription factor required for derepression of inositol-choline-regulated genes involved in phospholipid synthesis					
	1.003498902	0.945218921	0.971668894	0.937852306		0.784244733
	0.938085846	0.920596282		0.608844154	1.040793557	1.139351878
	0.83801459		0.942815319		1.457852651	
	1	0.843329094	0.872476331	0.857047112	0.838705612	1.006612604
	0.749056403	0.825991865	0.828334782	1.007286896	0.641952785	1
	0.852818365	0.79585527	0.856209023		0.945853342	0.733772912
YEL071w	YEL071w::DL3::D-lactate dehydrogenase					1
	0.918562317	0.952833594	0.569397253	1	0.958463889	0.906277596
	0.613923182	1	0.998202981	1.079046229	0.62393435	0.585438758
	0.799119852	1.044098983	0.71171578	0.727422213	1	0.918129515
	0.681136272	0.684575158	0.872189252	1	0.856703471	1.096665521
	1.583019517	1.45958984	1.13359105	1	1.265539623	1.44678892
	3.766217831	2.322572362	0.502400852	1	1.04872859	0.90275763
	2.404275843	0.769253156	0.561656143	0.571782469		
YDR125C	YDR125C::ECM18::ExtraCellular Mutant					1
	1.291453834	1.072036393	1	1.166200927	1.432590599	1.093553335
	1.209898471	1.408364991		1.194731642	1	1.263756564
	1.236146404	1.146708447	1	1.089810371	1.071544073	1.367426269
	1.063409721	1	0.877720322	0.918281779	1.212638888	0.877881711
	0.963303945	1		0.959784997	1.352053066	1.410388091
	0.935843547	0.884139614	1.383500635	0.694946965	1.610288022	0.731146021
YDR139C	YDR139C::RUB1::Related to ubiquitin (53% identical). Homolog of mammalian ubiquitin-like protein NEDD8. Matures by proteolytic removal of C-terminal asparagine (ASN) residue. Requires the proteins ULA1 & UBA3 for activation					1
	0.864993076	1.711245758	1.451919634	1	0.806656261	1.24478852
	1.454753419	1.234784349	1	1.216826617	1.109206093	0.887833252
	1.676649852	1	1.607084783	2.133876737	1.961479501	1.035439779
	0.759866568	0.70874834	0.612772779	0.579332996	1.011962643	1
	1.234272257	2.362259193	1.510279843	2.217317887	3.019070938	1
	1.139272654	1.826708668	1.55566293	2.321593456	1.99740637	1.281037964
YDR141C	"YDR141C::DOP1::homolog of Emericella nidulans developmental regulatory gene, dopey (dopA)." 1					0.937547364
	0.724031275	1	1.070454129	1.148363789	0.814015023	0.673737044
	1.211857781	1.205410232	0.503821084	1.032588426	1	1.4343224
	1.103167531	0.685251971	1	0.809951924	0.781747159	0.596255998
	0.516737477	1	1.010447586	0.964463476	0.854586625	1.004899692
	0.903505093	1	1.390024887	0.924131789	0.967355232	1.037989976
	0.649064467	1	0.944582371	0.902951722	0.962988105	0.800719352
	0.909580079	0.805574095				
YLR005w	YLR005w::SSL1::Component of RNA polymerase transcription factor					
TFIIH 1	0.757312937	0.76047682	0.936020058	0.832024164	1	0.918746195

0.937022481 0.872091196 0.906569836 1 0.68760391 0.668299814
0.654329674 1.058037329 1 0.917972637 0.232305925 0.897203062
1.137640575 1 1.368309127 2.307855044 1.902893506 1.502138073 1
0.905661541 0.854952356 0.886396686 1.149640351 1.100246404 1
0.878136001 0.707562035 0.695752927 0.811900842 0.88412387 1
1.039751544 0.872308625 0.933086008 1.162663076 0.857235872
YDR143C YDR143C::SAN1::(putative) transcriptional regulator 1
1.055420653 1.05968074 0.932813025 0.779908057 1 1.102174868
1.084485629 0.915873209 0.730375303 1 1.067693464 1.1345144
0.937380643 0.844543669 1 0.812984353 0.480574419 1.225304312
0.573254986 1 0.793291754 0.965614746 0.727359356 0.60668933 1
1.001517815 0.748037365 0.852231398 0.944326536 0.745888982 1
0.722201571 0.73757244 0.579185257 0.730978935 0.629893782 1
0.736565257 0.714309835 0.851479708 0.628255316 0.72928486 0.719762951
YLR007W YLR007W::NSE1::<u>n</u>on-<u>S</u>MC <u>e</u>lement 1. essential for
cell proliferation. 1 1.020409487 1.202597101 0.974133069 1.350676705 1
0.93249627 0.950610818 1.53910346 1.463436246 1 0.799872206
0.828002869 1.031472317 1.064157224 1 0.540586836 0.453631945
0.651833318 1.008240376 1 0.706880057 1.562611491 1.537603911
0.695435411 1 0.820192623 0.885706262 0.774617127 0.861042178
1.10212203 1 0.819635 0.901441968 0.651868579 1.033670856
1.299952165 1 0.926321258 0.819299062 1.128317938 1.155808906
1.108105567 0.84847964
YDR145W YDR145W::TAF12::TFIID subunit (TBP-associated factor) with predicted
molecular weight of 61 kD. 1 0.776971289 0.906130217 0.932093741
0.915657997 1 0.932035916 0.916565195 0.876070986 0.864099093 1
0.908365864 0.956488125 0.766606487 0.930023678 1 1.027055071
0.964315549 0.928212182 1.194961225 1 1.122303817 1.1585128
1.02623731 1.186230709 1 0.783220622 0.633188349 0.650291736
0.722925102 1 0.913467205 0.766560198 0.639887824 0.793728323
0.624071543 1 1.111559951 1.005444521 1.145627695 1.008401697
0.989268529 0.933415171
YLR021W YLR021W::YLR021W::molecular_function unknown 1 0.723414973
1.065374907 0.729690063 1.373269457 1 0.797269161 0.772013446
1.134692204 1 0.665556184 0.786181397 0.972249238 0.982443358 1
0.879612228 0.688663249 0.52594661 1.508065951 1 1.782251526
3.057658912 1.617779506 1.636581117 1 0.975986668 1.124563051
0.782812451 0.766106983 1.109501262 1 1.19666464 1.478541016
1.093162068 1.140244466 1.588323591 1 1.117640872 1.381431678
0.996183078 1.604971777 1.165430208 1.372978396
YDR147W YDR147W::EKI1::Ethanolamine Kinase 1 1 1.396319276
1.418098731 1.398140611 1.350701028 1 1.274373862 1.207252751
1.271273743 1.150351914 1 1.131819709 1.352669335 1.184663904
1.202616811
1.089904236 0.724355587 1.189153748 1.243939058 1 0.835936908
0.639802233 0.902359216 1 1.009307817 0.960489997 0.711827911
1.035184676 0.678175105 1.600640628
YLR023C YLR023C::YLR023C::molecular_function unknown 1 1.272238729
1.115810608 1.366858731 0.905846678 1 1.369249337 1.330276583
0.903162925 0.910814014 1 1.246970053 0.95913854 0.839795766
1.056842695 1 0.962141987 0.730038272 0.855439111 0.676021802 1
0.707220339 0.588918468 0.406043081 0.665155343 1 0.888834986
0.817529619 1.070617625 1.199484467 0.840031931 1 0.827805479
0.723039592 0.756570723 0.840583729 0.599833727 1 0.969110443
0.761898906 1.051841156 0.7813846 1.164271924 0.554270006
YDR149C YDR149C::YDR149C::molecular_function unknown 1 0.582998773
0.722040132 1.017198509 0.620028599 1 0.974303323 1.057252343

0.523716418	1	1.066569381	0.967240406	0.3941974	0.846173976	1	
0.779836992	0.585566712	1	0.819620248		0.844906588	1	
0.805743579	0.754656026	0.611890018	0.892277935	0.589768519	1		
0.904281834	0.436087166	0.776987487	1.278648278	0.879788063	1		
0.980821387	0.975305129	1.594356182	0.717762481	0.849522409	0.522747531		
YLR025w	YLR025w::SNF7::Involved in derepression of SUC2 in response to glucose limitation					1	
0.868862911	0.94921779	1.154417549	1.153417109	1	0.950507812		
1.131101235	1.379565801	0.9558754	1	1.146192836	0.983533013		
0.949209934	1.3461867	1	1.469070409	1.891458668	2.703504134		
1.219432764	1	0.781279681	1.20084241	0.658709261	0.509293637		
0.813851757	1	1.248872226	1.914701492	1.267859328	1.460582494		
2.403237001	1	1.510024474	1.696576826	1.202645789	1.367522507		
1.642045618	1.060380634						
YDR163W	YDR163W::CWC15::Complexed with Cef1p					1	1.140317691
1.370142949	1.183469415	1.570432351	1	1.059540606	1.106542473		
1.41882113	1.463384797	1	1.141481269	1.272568127	1.623345965		
1.320863052	1	0.930196404		0.822108457	1.504392427	1	
1.064334363	1.162614355	1.170541531	0.685074908		0.810295286		
0.930525445		0.954958281	1	0.866790147	1.167982775		
	1			0.959553642	1.108540012		
YLR027c	"YLR027c::AAT2::aspartate aminotransferase, cytosolic"					1	
1.145889739	1.024314284	0.832288128	0.561992502	1	1.023674776		
1.035165278	0.739403984	0.647569799	1	1.325277541	1.579074158		
0.913161194	0.582635535	1	1.54136205	1.207299602	1.482185443		
0.969846621	1	1.103908333	0.751531836	0.766549942	0.825760271	1	
0.957318861	0.928892388	1.295635	0.996383601	0.626990476	1		
1.083754189	1.306015524	1.062758566	1.164601804	0.523558185	1		
1.02503957	1.022943103	1.092958485	0.720701825	0.778317409	0.547265		
YDR165W	YDR165W::TRM82::Transfer RNA methyltransferase					1	1.3844048
0.959858876	4.500496691	0.66719436	1	2.766426503	1.45014306		
2.715574717	2.243655607	1	0.615261223	1.734250786	1.206157023		
2.531844753	1	0.401946902	0.926986371	0.754123256	0.271786977	1	
0.62355486	0.125539326	0.207827268	0.353418614	1	1.273424255		
1.236550432	1.194480246	2.015584201	2.280157722	1	1.196929		
0.474920926	0.662902171	0.802736592	0.240971138	1	0.818869957		
0.396132141	0.393285776	0.481633914	0.505411082	0.453573238			
YLR029c	YLR029c::RPL15A::Homology to rat L15					1	1.087787528
1.137475352	0.957280935	1.769379217	1	1.091678611	1.197125395		
1.338167258	1.440691491	1	0.911393402	1.011513804	0.788768578		
0.97089982	1	0.958419741	0.511722623	0.234070018	0.667511712	1	
1.206277139	0.592042321	0.282104668	0.763025964	1	0.980699227		
0.988424811	0.884210368	1.451906724	1.162401255	1	1.075873981		
1.169678705	0.720389327	0.635845911	0.713551698	1	1.168381982		
0.773283169	0.609595403	1.459374083	0.966871549				
YLR031W	YLR031W::YLR031W::molecular_function_unknown					1	1.287321236
1.399830709	1.23374307	1.449679676	1	1.212512675	1.269976146		
1.476240249	1	1.064825697	1.033991908	1.530490402	1		
0.937603125	0.718753236	1.450819438	1.628694276		0.158326721		
0.48530703		1	0.888389206	1.066367494	1.075253714		
0.993987601	1.019276279	1	0.981202076	0.98176205	1.045111008		
1.078197418	0.847763089	1	1.001090813	0.762929819	1.009369638		
0.869069398	0.845594745	0.994708897					
YLR045c	"YLR045c::STU2::May play a role in attachment, organization, and/or dynamics of microtubule ends at the spindle pole body"					1	0.728393606
0.929966256	0.989334649	0.987190641	1	0.905093662	0.84451488		
0.877561787	0.965325903	1	0.760490597	0.787102148	0.622559149		

1.188324813	1	0.675487189	0.840318716	0.712931102	0.683269832	1
0.892525726	0.801098345		0.67140421	1	0.931874793	0.923010655
0.887104692	0.877234285	0.979203248	1	0.898185276	0.626178761	
1.045043919	1.214652015	0.602766688	1	0.899031015	0.897016024	
1.244615227	0.791992148	1.08539707	1.126052476			
YLR047C	YLR047C::YLR047C::molecular_function	unknown		1	0.884449616	
0.651902889	0.836419258	0.480535544	1	1.058015236	1.039573221	
0.463508888	0.41031196	1	1.729542025	1.277499168	0.266603253	
0.813543031					0.451905161	
1	1.092060524	1.137005954	1.241395463	1.086311237	1	
1.302353182	0.796292906	1.331449354	0.667471645	0.273706697		
1.34080562	0.947277636		0.726041768	0.78820745	0.61556368	
YER008c	"YER008c::SEC3::Profilin synthetic lethal protein, has region of coiled-coil structure; subunit of the Exocyst complex--the Exocyst complex contains the gene products encoded by SEC3, SEC5, SEC6, SEC8, SEC10, SEC15 and EXO70 and is required for exocytosis"		1	0.946147132	1.027724299	
1.317673085	0.938867928	1	1.083003392	1.262758766	1.015512001	
0.862296952	1	1.231653622	1.336768851	0.766854805	1.160487774	1
0.8441049	0.924291304	1.050913704	0.612087186	1	0.891992979	
1.334747173	1.215985865	0.872553078	1	1.11533948	1.103155294	
1.02877795	1.122340456	0.915533955	1	1.094383396	0.67392356	
0.735250617	0.833014844	0.457200347	1	1.004211996	0.941068169	
1.074645303	0.777352468	0.769037069	1.061256299			
YER010c	YER010c::YER010C::molecular_function	unknown			1.08599517	
1.121735746	0.770402606	1.134625109		0.869302698	0.930329557	
1.172607287	1.043259901		0.947626768	0.996369384	1.373064994	
0.89969092	1	0.924742031	0.975143798	1.022289701	1.216347197	1
1.09327919	2.042798316		0.968926943	1	0.973968522	1.123356887
1.039744026	0.890300814	0.954711191	1	0.892732502	1.542195223	
1.371292455	1.097979633	1.559899187	1	0.872291858	1.206134402	
0.866717028	1.211724464	0.89721365	1.281037964			
YER012w	YER012w::PRE1::Required for mitotic division and sporulation					1
0.830471026	1.176351732	0.923511396	1.262976231	1	0.823200668	
0.969422191	1.380199072	1.233960145	1	0.93665321	1.283894062	
1.887017715	0.944051328	1	1.02085349	0.880416459	1.211199169	
1.640983211	1	1.556736494	2.441941997	2.770670847	1.135498329	1
1.08234967	1.428804824	0.920199791	0.571196085	0.945952494	1	
1.270493661	2.665839364	1.837690666	1.130513625	1.61668284	1	
1.411176866	2.25328723	1.34522687	1.468462302	1.390521541	1.849317878	
YER014w	YER014w::HEM14::converts protoporphyrinogen IX to protoporphyrin IX (in synthesis of heme)		1	0.614164921	0.878308302	0.940594589
0.888923802	1.083990998	0.93899993	0.979049676	1	0.914952964	
0.877572708	0.994550606	1.311047549	1	0.634544975		
0.962836601	1	1.480172595	1.45700233	1.805204429	0.941286828	1
0.942798389	0.983914407	0.902931277	1.406386692	1.282738924	1	
1.033956762	0.940004147	0.885334193	1.143716441	1	0.992054747	
0.84806275	0.962083584	0.92229343	0.874447766	0.736399802		
YER016w	YER016w::BIM1::binding to microtubules		1		0.672782849	
0.669567971	0.92116673	0.724478562	1	0.841429274	0.786553425	
0.935759292	0.929145942	1	0.670649729	0.783500227	0.731490836	
0.895448998	1	0.676834172	1.709184525	1.881215828	0.489174231	1
0.635999282	0.531505702	0.435972128	0.448076919	1	1.070935144	
1.345376635	1.224742151	1.493929034	1.338128111	1	1.077044574	
0.835454125	0.840180956	1.102665085	0.606036158	1	0.728746235	
0.571973424	0.762188134	0.609458	0.650683196	0.529752537		
YER018c	YER018c::SPC25::Spindle Pole Component of molecular weight 25kDa					1
0.853072583	0.873477438	0.780153452	0.868969566	1	0.828138352	

0.932025637	0.960436547	1	0.953222458	0.950939236	1.10298487	
0.893724346	1		0.551076016	0.930737949	1.014547508	1
1.156674934	3.529877654	1.692121688	1.549225998	1	1.151221197	
0.885980385	1.005973562	1.040236412	0.875992565	1	1.066867088	
1.382224456	1.227844674	1.237778527	1.084299573	1	0.933832576	
0.916397878	0.822894938	0.912080521	0.927431058	1.313436		
YER031c	YER031c::YPT31::probably involved in intra-Golgi transport or in the formation of transport vesicles at the most distal Golgi compartment					1
0.727209552	0.861590552	0.71314562	1.017802342	1	0.74363049	
0.772024022	1.025069901	1.040216522	1	0.640459393	0.788185817	
0.885998125	0.801993637	1	0.927933792	0.636816165	0.643996575	
0.958975157	1	1.494914837	2.319551364	2.567766999	1.704142631	1
1.229396583	1.339086709	1.373645516	1.122171108	1.163088684	1	
0.898938577	1.30649014	0.804289577	0.805488626	1.352519017	1	
1.14413937	1.181359157	1.012611886	1.425177995	1.094037913	1.092778775	
YER033c	YER033c::ZRG8::Zinc regulated gene					1
1.215050257	0.28638509		0.527260006	1	2.105328493	
1.123609712	1	1.563191692	1.493022335	1.479169268		
0.972761626	1.194681529	1	0.98794047	1.565246473		
1.247252832	1.12430125					
YER035w	YER035w::EDC2::Enhancer of mRNA Decapping					1
1.63449656	1.213554938	1.391690528	1	1.218049141	1.463856286	
1.514105099	1.697026166	1	1.186554495	1.798582066	3.070061316	1
1.350430885	1.339471978	1.508821476	2.852019779	1	1.734846236	
2.734074145	2.887885106	2.283642141	1	1.453716598	1.925523719	
2.003199144	1.467868229	1.526330455	1	1.54424947	1.122399098	
1.463098255	1.444741692	1.432810912	1	1.479078706	1.049191851	
1.118449446	1.248987806	1.544885185	1.63916811			
YDR167W	YDR167W::TAF10::TFIID subunit (TBP-associated factor) with predicted molecular weight of 23 kD.					1
1.245377114	1	0.878087315	0.850746208	1.345018003	1.304294107	1
0.887125273	1.06874796	1.139611745	1.235062563	1	1.103471994	
0.920426589	0.874475869	1.182766367	1	1.190059577	0.936097725	
0.947276116	0.985164205	1	1.042960957	1.207008169	0.849259977	
0.783767143	1.054019738	1	1.126847306	1.583501681	1.389166964	
1.24364459	1.774162359	1	1.320086911	1.247900697		
1.084509259	1.407127762					
YER037w	YER037w::PHM8::involved in phosphate metabolism					1
1.179149547	1.234062449	1.384691169	1	1.250531094	1.579710502	
1.543806033	1	1.30960829	2.219536971	2.42329609	1.300840209	1
3.567931464	3.039087306	3.31516864	1.870363075	1	1.890055738	
2.873039635	4.59830616	1	1.064902934	1.508201831	1.478709556	
0.976485647	1.374706796	1	1.24580626	1.561826724	1.464019347	
1.051890713	1.518830349	1		0.943519254	1.361366188	
1.395406963	1.207485451					
YDR169C	YDR169C::STB3::binds Sin3p in two-hybrid assay					1
0.913542333	0.978864583	0.824667079	1	0.978798214	1.112665076	
0.742121241	0.715008119	1	1.030682088	1.086589071	0.885211628	
0.909513505	1.331854591				0.788141043	
0.99186028	0.633636468		1.444109174			1
1.587674127	1.375373967	1.573552233	1.46908896	1		
1.391044692	1.182626767	1.221141177	0.79331536			
YDR171W	YDR171W::HSP42::Similar to HSP26; expression is regulated by stress conditions					1
1.65557447	1.975391048	1.597637815	1.167112507	1	2.235474077	
3.792722786	5.130282396	1.420539045	1	6.666378272	6.857544718	

	8.099577378	6.641289563	1	6.621126039	8.640848313	10.43691454
	3.833463584			1.571516368	1.811349218	0.904241751
	0.773152603	1		5.614283078	1.138283902	2.618710478
	1.526500637	1		4.385964165	1.243038985	0.709487833
	1.977310331			1.246012933		
YDR173C	YDR173C::ARG82::Regulator of arginine-responsive genes with ARG80 and ARG81					
	1	1.046867992	1.308409794	1.185839463	1.332841667	1
	1.194632227	1.01865466		1.146317656	1	0.907713631
	1.549139815	1.113827121	1	1.595123723	1.537017544	1.759319336
	1.718221101	1		1.129908054	1.7444772	1.085537003
	0.942681558	1.028087902	1.09014175	0.887142846	1.043947315	1
	0.998518764	1.182834815	1.804841151	0.956040968	1.137044956	1
	1.185873759			0.91333273	1.26147904	1.057815749
YDR187C	YDR187C::YDR187C::molecular_function unknown					
	1				1	1.005861494
	0.704858322	1.340523851	0.611794833	1	1.341353386	1.305846451
	0.874399948	0.972538804	1	0.99454756	1.031171635	0.628626029
	1.044477507			3.380360484	3.271830027	1.91166559
	0.473591316			1	0.798130821	1.33590435
	1.169483648	1		0.831953511	0.553199038	0.880887342
	0.84258631	1		0.579317528	0.503351881	0.755699762
	0.53868648			1.534093225		
YDR189W	YDR189W::SLY1::Hydrophilic suppressor of ypt1 involved in vesicle trafficking between ER and Golgi Sm like protein					
	1				1	0.864076214
	0.880351739	0.961434413		1	1.068698633	1.039787759
	0.786858702	1		0.90115524	0.835054403	0.637469061
	0.822360835	0.989013832	1.016694084	0.618819205	1	0.673339534
	0.726193172	1		0.899014332	0.987067271	0.940444592
	0.782092572	0.60780767	0.790347124	0.804430055	0.553495878	1
	0.600094867	0.646274152	0.864762409	0.504931892	0.856338144	0.693494204
YDR191W	YDR191W::HST4::Homolog of SIR2					
	1				1	1.030316118
	1.051326037	1.009507649	1	0.984205974	1.028996752	1.417530212
	1.132582545	1		1.017072817	1.109952925	1.177118924
	0.755343074			0.833702922	1.038176309	1
	1.059586426	0.85493715	1	0.941055462	1.196708049	0.961078301
	1.002688413	1.234210052	1	1.071838226	0.955700466	1.000473706
	0.758658037	1.651442386	1	1.198326751	0.937192889	1.117978735
	1.014460868					
YDR193W	YDR193W::YDR193W::molecular_function unknown					
	1				1	1.851918372
	1.828044083	1.907973619	1.618166348	1	1.56448564	1.763135739
	1.646367036	1.478076024	1	1.693670476	1.655463723	1.630448036
	2.247914332					1.064544513
	1					0.947089731
	0.828792924	0.600961333	0.636172063	0.890451476	0.781691669	1
	0.683577331	0.614864549	0.859463233	0.834616599	1.171456752	0.838847796
YDR195W	"YDR195W::REF2::RNA-binding protein involved in cleavage step of mRNA 3'-end formation, prior to polyadenylation"					
						0.687058181
	0.864362866	0.969432564	1.035749171		0.889885097	0.871016907
	1.240181266	1.035825767		0.66068631	0.888482252	1.033012348
	1.072971901	1		1.300958471	1.446814512	1
	1.268381557	1.99960622	1.157673064	1	0.956470345	1.05874523
	0.977343765	0.932592852	1.348093222	1	0.726564194	0.802450935
	0.679210353	0.79057899		1	0.909429409	1.242077937
	1.103556058	0.999962573				1.562869937
YDR197W	YDR197W::CBS2::Translational activator of COB mRNA; soluble protein					
	1				1	0.88767809
	0.95680221	1.36029785	1.092166491	1	0.905196381	0.979513524
	1.16457144	1.018282415	1	1.372639811	1.129840247	1.537137799

1.886667484	2.21082124	2.631232976	1.59248276	1	0.919930809
1.171576918	0.970558413	0.854949674	0.989687667	1	1.036208546
1.174844129	1.113773368	1.075083589	1.316728162	1	1.141002582
1.309090157	1.068043054	1.191085561	1.047246286		
YAL034WA	YAL034WA::MTW1::Mis	TWelve like (a Schizosaccharomyces pombe kinetochore protein)			
	1	1.282190461	1.130740533	1.217174906	0.967283722 1
1.203606493	1.198320525	0.940681779	1	1.125547815	1.129621301
0.847568565	1.108368598	1	0.806795925	0.78031502	0.637104829
0.452638235	1	0.902716263	0.791162179	1	0.854909519
0.640932534	0.567042247	0.814075046		0.735761554	1.196336534
1.309819346	2.696196345	0.862433488	0.917318599	0.77159135	
1.189369763	1.607645634				
YER039c	YER039c::HVG1::Homologous to VRG4	1	1.62969655	1.566301738	
1.264181254	1.458019546	1	1.281047411	1.214808548	1.661044444
1.501940883	1	1.644143432	1.59174013	2.201977249	1.247583142 1
0.932037435	0.963116341	1.814962434	1.601328357	1	1.136185359
1.930835325	1.940384125	0.701290289	1	1.144982134	1.337896632
1.19940848	1.184967355	1.109616604	1	1.241609797	1.328840182
1.159464023	1.028937873	1.595107158	1	1.055826217	1.122912841
0.971218743	1.300240592	1.410198886	1.276659744		
YAL065CA	YAL065CA	1	1.55978357	1.12927181	1.233510028 1.054491044 1
1.275615227	1.183116096	1.1496391	1.141099164	1	1.373360216
1.181268048	1.376039867	1.417342529	1	0.765761539	1.108017505
1.134359106	0.987815801	1	1.0009355	1.331210762	0.885946892
1.098853203	1	0.898495652	0.654425526	1.093786908	1.048923059
0.542282644	1	0.536778148	0.731908514	1.006676371	0.938457841
0.979630662	1	0.909604175	0.823496818	0.862661422	0.701703023
0.846045272	0.837972183				
YER041w	YER041w::YEN1	1	1.373579173	1.119695743	0.768891965
1.269410589	1	0.986777552	1.005610994	1.098355924	1.120812752 1
0.9358325	0.775757059	0.832635745	0.861229404	1	0.833040868
0.487907424	0.360143998	1.019133597	1	1.220215233	1.032675549
0.682298302	1.108676893	1	1.315423381	1.060858993	1.077000698
1.058300964	1.32602488	1	1.272163458	1.38801166	0.907723718
0.621556236	1.166866573	1	1.180198968	1.553585962	0.815193098
1.623247684	1.294420581	1.105037457			
YER054c	"YER054c::GIP2::Glc7-interacting protein; shares homology with PIG2; contains conserved 25 residue motif, called the GVNK motif, also found in GAC1, PIG1, PIG2, and RGI, the mammalian type 1 phosphatase targeting subunit."				1
0.886036381	0.868765827	1.192614491	0.688044714	1	1.085043814
1.376164862	0.884434675	0.66843054	1	1.02192881	1.041307529
0.875982798	0.963800919	1	1.449162842	1.102973479	1.889466618
1.04865655	1	0.889573341	0.696653243	0.951465309	0.597793387 1
0.80118477	0.816430692	0.813912024	1.166450805	0.842005191	1
0.807010411	0.579363521	0.769210328	0.898191629	0.46328073	1
0.636392392	0.763248608	0.971494852	0.735437747	0.937481652	1.084898103
YER057c	YER057c::HMF1::Homologous Mmflp factor	1	1.117692363		
1.261344729	0.887106077	1.370693295	1	0.929948528	1.034074436
1.475511844	1.355925824	1	1.104564419	1.21990675	1.828892678
1.231645497	1	1.183416647	0.969255778	1.050921636	1.330370337 1
1.415908177	1.974630756	1.939207395	1.370665211	1	1.151209082
1.139175378	1.12691724	0.966233338	0.894668419	1	0.953639936
1.714569279	1.279680825	1.222444532	2.062661176	1	1.138174064
1.541860935	1.220111713	1.753107529	1.270248417	1.330948463	
YER059w	YER059w::PCL6::PHO85 cyclin	1	0.685346638	0.993302576	
0.923487676	0.853878696	1	0.874309072	0.973105727	1.076132176
0.841611967	1	0.969893209	1.086757357	1.083391019	0.9470943 1

0.821572191 0.649894343 1.150332072 1.049406677 1 1.607046311
3.087237001 3.052118843 1.247853465 1 1.062401931 1.124962663
0.843078283 0.892717979 1.178281909 1 1.076131976 1.041804406
1.07847955 0.999090013 0.902920194 1 1.162560386 1.114383375
0.984830158 0.971157884 1.02585872 1.027982598
YER061c YER061c::CEM1::homology with beta-keto-acyl synthases 1
0.6600987 0.649740759 0.822913317 0.73568717 1 0.886962798
0.887721282 0.697803228 0.715279221 1 0.955678767 1.057678295
0.437111358 0.759498506 1 1.631308145 0.99690595 1.167812027
0.715485418 1 2.203807728 3.940956221 0.923059036 1.341499131 1
1.137807861 1.318485963 0.97976682 1.238243147 1.207936484 1
0.88605034 0.886865494 0.925653495 1.271548299 1.321931822 1
0.893537533 0.775864941 0.893290914 1.12964838 1.715596401 0.948300744
YER063w YER063w::THO1::Suppressor of the Transcriptional (T) defect of Hpr1
(H) by Overexpression (O) 1 0.76244112 0.899200588 0.708866904
1.190750106 1 0.77351084 0.846580488 0.9962704 1.051393801 1
0.681379537 1.014498974 1.067218509 0.826726229 1 1.496696756
0.92266719 1.196930682 1.162212574 1 1.533969227 1.53443711
1.35511624 0.981669495 1 1.059827064 1.214053663 0.999054606
0.903806251 0.909772193 1 1.156595666 1.366128287 1.23965698
0.869637865 1.338796384 1 1.053068387 1.352105499 1.049731178
1.280662621 1.334918013 1.369475945
YER077c YER077c::YER077C::molecular_function unknown 1 0.675446173
0.763547328 0.878943698 0.819608696 1 0.805693395 0.859587324
0.876741336 1 0.696003898 0.698796754 0.635308511 0.80042083 1
0.587092194 0.977351702 0.956838433 0.721256717 1 0.798905009
1.478523354 0.40994567 0.681039788 1 0.945949088 0.956560298
1.418172612 1.332331091 1.418032124 1 0.930975128 1.202089685
0.896023492 1.157656026 0.934270618 1 1.362300234 1.183297096
1.259272295 1.193334087 1.216763543 0.602429332
YDR211W "YDR211W::GCD6::Guanine nucleotide exchange factor, 81 kDa subunit"
1 0.650645485 0.56152228 0.757991317 0.503348757 1 0.699104016
0.593358394 0.758501678 0.590952111 1 0.586241218 0.514973271
0.292081346 0.790559103 1 0.897275709 0.658062107 0.592392009
0.588082522 1 0.652080629 0.510470312 0.441100784 0.620502163 1
0.930644019 0.790870844 1.045211713 1.113956541 1.159943891 1
1.007100819 0.602498652 0.517754974 0.759578993 0.449537588 1
0.750742853 0.666671573 0.945954203 0.708834415 0.511671588 0.749534149
YER079w YER079w::YER079W::molecular_function unknown 1 0.866641389
1.284018195 0.89493954 1.487029911 1 1.029097907 1.158908073
1.321609395 1.418597287 1 1.44178492 1.681802595 2.610051604
1.238998149 1 2.279233574 1.008345008 1.362022194 1.270976786 1
2.441673126 3.46390546 4.374247314 2.504005633 1 1.729759648
2.685233686 1.580193848 0.778220589 1.12210168 1 1.646924789
2.468035044 2.998136524 2.717553411 1.69934436 1 1.447559268
1.629932523 1.374459374 1.133850225 1.7603921 0.882629006
YDR213W YDR213W::UPC2::involved in sterol uptake 1 1.431253048
1.284786566 1.266057666 1.121873413 1 1.254850345 1.33240597
1.215440177 1.184091607 1 1.130719264 1.367070568 1.060757762
1.231807345 1 1.018414099 0.850491113 1.017481973
0.894575213 0.538131335 1 0.900246794 1.251565161
1.120229638 1.087598749 1 0.670477215 0.971420894 0.759620471
0.667778041 0.541034088 1 1.063230434 1.066088761 0.666668059
0.935681911 0.942171402
YDR215C YDR215C::YDR215C::molecular_function unknown 1 1.308039342
1.132681134 1.196754508 1.093292741 1 1.162402128 1.117258533
1.131336552 1.159954743 1 1.077460444 1.321693091 1.405895275

1.218116738	1	1.454294058	1.761900116	1.080223177					
		0.819425392	0.987590231	0.728445062	0.825780513	1			
		1.732460318	1.617842362	1.360998337					
		0.970745315	1.242440931	1.011728957	1.198729219				
YDR217C		"YDR217C::RAD9::Required for DNA damage-induced G2 arrest in mitosis, required for ionizing radiation-induced G1 arrest, and other cdc13-induced G2 arrest in meiosis"							
		1.005961444	0.917887301	0.977011087					
		0.809562782		0.856258736					
				0.911867567	0.806271264				
		1.028511875	0.91235124	0.842047355	1	1.115129682	1.321771595		
		0.833164674	1.033747055	1	1.036208384	0.698430912			
		1.000895091	0.808141338	1.01222136					
YDR219C		YDR219C::YDR219C::molecular_function unknown 1 1.497652187							
		1.212801447	1.25727715	1.123274219	1	1.184661601	1.180129639		
		1.208710448	1.130299078	1	1.37357226	1.257944056	1.253957848		
		1.252959335	1	1.357145384	1.259648165	0.685213703			
				1	1.02770123	0.925806905	1.236718591	1.11147498	
		1.024621286	1	0.844297029	0.938219441	1.074576322	0.889502451	1	
		0.908288752	0.881139479	1.022114153	1.059781189	3.112843378			
YDR221W		YDR221W::YDR221W::molecular_function unknown 1 0.636958787							
		0.685856159	0.800518118	0.599590249	1	0.701327542	0.74007011		
		0.794587884	0.686066996	1	0.865462148	0.804541145	0.455250163		
		0.925976305	1	0.896580963	0.693274415	0.78984967	0.907729466	1	
		1.677075	0.848567688	0.729737218	1.025982374	1	0.99510338		
		1.214865288	0.949235472	1.395277803	1.104032568	1	1.045103281		
		0.646084637	1.240950978	1.161945652	0.483853156	1	0.810942286		
		0.69027684	0.972758176	0.619992541	0.649266073	0.762668497			
YDR249C		YDR249C::YDR249C::molecular_function unknown 1.031818505							
		0.91333202		0.835402317	0.916050579	0.956635564			
		0.857405957		0.939252708	1.005421654				
				1	1.162686903				
		1.279380974	0.803079395	1	1.166775456	0.912706337			1
		1.000921565	0.99368328	0.856730362	1.271713582	0.691842321	1.073514981		
YDR251W		YDR251W::PAM1::multicopy suppressor of protein phosphatase 2A 1							
		0.890825702	0.898827469	1.052768062	0.740911142	1	1.060304895		
		1.239012366	0.798644258	0.648596266	1	1.264403454	1.252226145		
		0.786487364	0.835306224	1	2.115765337	1.674408316	1.596435377		
		0.978716049	1	1.786373416	0.956826773	1.101753472	1.014794457	1	
		1.084521086	1.062830887	1.108873141	1.048718134	1.091767425	1		
		1.200669811	0.798201865	0.940760954	0.747969944	0.450942016	1		
		1.14277289	0.819284166	0.909771654	0.717127038	1.004887262	0.826589061		
YDR253C		YDR253C::MET32::Involved in methionine metabolism 1							
		1.718269274	1.624117881	1.082503127	1.706572538	1	1.157296745		
		1.038130872	1.473531746	1.499412301	1	1.390667488	1.372354918		
		1.616421215	1.193725383	0.286660526	0.227598103	0.29372234			
		0.177413562	1	0.959879662	1.794804616	1	1.152958957		
		0.795420226	0.82713421	0.890372438	0.969967949	1	0.992101312		
		0.985257006	0.900111381	1		1.215886385			
		2.401852409	1.436023347						
YDR255C		YDR255C::RMD5::Required for Meiotic nuclear Division 1							
		1.421628743	1.308482325	1.281597103	1.392305904	1	1.182439884		
		1.105038826	1.203050946	1.232646209	1	1.219696156	1.366469965		
		1.431081522	1.185198941	0.673838363	0.621281294	0.420679249			
		0.603038514		1	1.006619007	0.999814633	0.846574712		
		0.867547789	0.973912613	1	1.055784757	1.07720448	1.233856965		
		1	0.880174876	1.098408428	0.694529055	1.071480573	0.832036349		

YAL069W YAL069W::YAL069W::molecular_function unknown 1 1.289274866
1.273225552 0.981272114 1.126286702 1 1.157129046 1.12766301
1.035358455 1.023305276 1 1.236322751 1.013434937 1.907748409
1.00861797 1 0.926879608 0.841924727 0.956082 0.791341832 1
0.961849924 1.074763869 0.829450879 0.939854862 1 0.879845526
0.930095069 0.916527922 0.819594579 0.912409016 1 0.859059116
1.204877723 1.62981949 0.691992115 0.711884895 0.94676342
0.684421569 1.168193963 0.865992156
YEL059CA "YEL059CA::SOM1::high copy suppressor of impl mutation, may be
required for the function of the Impl peptidase and/or the protein sorting
machinery" 1 1.455049065 1.908469327 1.537734708 2.315770076 1
1.273719854 1.528644695 2.201351017 2.09935901 1 1.447070785
1.722473003 2.737801541 2.029615264 0.833921562 0.632353638
0.802625867 1.012220066 1 1.558860179 2.618343928 2.769985937 1
0.917189884 0.995041241 1.183030887 0.897894205 0.979675951 1
0.945893989 1.435376655 1.352012653 1.8277564 1.406722395 1
0.8763655 0.942036664 1.139081366 1.099317292 1.619528876 1.113793689
YFR024CA YFR024CA::LSB3::LAs17 Binding protein 1 1.606938618
1.616897546 1.637739171 1.647099212 1 1.634454839 1.681834905
1.793098122 1.487263574 1 1.830020103 2.191078146 1.779586269
1.534828432 1 2.102558173 1.310178451 1.579737865 1.27766404 1
1.639099589 1.357076815 1.24690756 1.307346875 1 1.495517791
1.660326717 2.304131158 1.146401084 1.303855274 1 1.252291621
1.691010723 2.19525287 1.039507873 0.731935605 1 1.346495178
1.433402996 1.063888945 0.883322446 0.932002464
YML017W YML017W::PSP2::Polymerase suppressor 2; Suppressors of group II
intron-splicing defect. 1 2.082362523 1.60220753 1
1.423591313 1.313933468 1 1.05052495 0.903702741
1.294436113 1
1.021235888 0.95910639 1.184124133 1.067200186 1.06754721 1
1.022579507 0.968631196 0.806599043 0.713707602 1.048058797 1
0.859448089 1.242876187 0.604728397 0.949170824 0.710680325 6.094343073
YML021C YML021C::UNG1::uracil DNA glycosylase 1 1.230019846
1.130210435 1.121862374 1.165457406 1 1.059284938 0.913181104
1.379848544 1.174380205 1 0.92362903 0.8390873 0.886331516
1.225140212 1 0.63681913 0.702061014 0.664378359 0.755544372 1
0.829847889 0.505957446 0.431808998 0.742876748 1 1.977765016
1.798293559 1.54032433 1.947863126 2.189948193 1 0.899449943
0.877539188 0.880427463 0.888774952 0.96373628 1 1.093784441
1.011205337 0.976291075 1.1177742 0.918104783 1.143564939
YOL056W YOL056W::GPM3::converts 3-phosphoglycerate to 2-phosphoglycerate in
glycolysis 1 1.312093493 1.66609701 1.294704218 1.812515621 1
1.367668414 1.333939125 1.553917603 1.689150517 1 1.270399985
1.375857249 1.441784086 1.601282467 1 0.831674572 0.360852964
0.545535337 0.870895402 1 1.658356628 1.957619538 1.462406586
1.018272735 1 1.205779414 1.290323458 1.031093583 1.231290528 1
1.360413889 1.473707809 1.195024536 1.055630012 1.154137224 1
1.918015851 1.57355799 1.134562254 1.294121787 1.449944532 0.954430189
YMR254C YMR254C::YMR254C::molecular_function unknown 1 1.294838195
1.631485147 1.267033646 1.428633674 1 1.111835446 1.421308855
1 1.122089119 1.494480108 1.490099024 1.260746829
0.534725291 0.51161124 0.420264289 0.294613312 1
0.925547505 0.80117225 1.185595126 1 0.893472599
1.122500862 1 1.009725127 2.13872152
YOL058W YOL058W::ARG1::arginosuccinate synthetase 1 2.353301699
2.299819862 1.288723563 0.553780756 1 1.660196124 1.555163246
0.736206417 0.576470923 1 2.822157172 3.656047598 0.537169566

0.323318433 1 3.373023484 3.118228352 1.347679376 1.382571582 1
 3.498691575 1.817637014 0.947637779 1.21211875 1 1.047942175
 0.979926995 1.146645865 1.194390065 0.987512329 1 2.082776734
 2.56580565 2.504569472 3.782229161 2.49113056 1 3.140446322
 2.494093218 3.877213361 1.408014503 1.543674156 1.127803701
 YMR193CA YMR193CA::YMR193C-A::molecular_function unknown 1 0.982272774
 1.297210425 0.935416602 1.707418128 1 0.829742068 0.904180364
 1.436550457 1.267069156 1 0.931144619 0.839558022 0.763307649
 1.073218767 0.827406523 0.353084621 0.431438299 0.808675811 1
 1.268693255 0.606300933 0.766112692 1.161341441 1 0.763284816
 0.853309944 0.759596224 0.86534058 1.580048952 1 1.099664778
 1.616259336 1.167344322 1.287384726 2.408420495 1 1.294467927
 1.178911757 1.680629956 0.809076598
 YOL060C YOL060C::MAM3::Product of gene unknown 1.170953906
 1.145650956 1.079010861 1.31969356 1.463044843 0.792338027
 0.825191327 1.44916969 1.261856338 0.868244504 0.969199119 1
 1.335588875 1.127203975 1.108439706 1.02706242 1 0.822450512
 0.887614265 0.676385226 0.424601348 1 1.116695762 1.159432697
 1.118035914 1.132614564 0.796152781 1 1.118736749 0.734811284
 0.79673239 0.968438151 0.671325055 1 1.449373756 1.072413437
 1.158222704 0.783151833 1.039852607 0.80995221
 YMR256C YMR256C::COX7::subunit VII of cytochrome c oxidase 1
 1.272683693 2.274151015 1.283209881 2.743615382 1 1.548188718
 1.462964109 2.170095493 1.866877664 1 1.273655032 1.448995447
 2.686586896 1.205355298 1 1.444065355 0.697642342 0.709680064
 1.435213238 0.875453554 0.699027169 1 0.667793616
 0.508427254 0.296491486 0.505568873 0.823618154 1 0.849927381
 0.661420361 0.477411823 0.809173017 2.053386237 1 0.71300792
 0.50335599 0.726730422 1.799002927 1.799531287 1.935129073
 YOL062C "YOL062C::APM4::Clathrin associated protein, medium subunit" 1
 0.999287184 1.005334477 1.138693165 1.040885933 1 1.194003077
 1.171065749 1.143826824 1.155436245 1 1.15016806 1.157630663
 0.848074256 1.10966428 1 0.882949173 0.739578113 0.720662754
 0.717882343 1 1.54982231 1.263187203 1.548688904 1.036976315 1
 1.147249592 1.276691231 1.081864086 1.097309293 1.091759571 1
 1.179101863 1.220476838 1.073792613 0.875452117 0.945461719 1
 1.202274589 1.212762353 1.053207117 1.050629856 1.110496405 0.782807851
 YPR132W YPR132W::RPS23B::Homology to rat S23 and E. coli S12 1
 1.076723771 1.138890854 0.801721059 1.610309701 1 0.812499254
 0.819463901 1.333757746 1.050974879 1 0.696079472 0.722703814
 0.728346865 0.943266206 1 0.702857636 0.37090315 0.316456552
 0.648238623 1 1.545408366 1.289553105 1.134952573 1.054608627 1
 1.101234819 1.050744337 0.79022417 0.906014961 1.15650931 1
 1.097635324 1.342528116 0.812518411 0.563004538 1.648113486 1
 1.216897633 1.154546005 0.749894211 1.728152432 1.140084708 2.630374451
 YER081w YER081w::SER3::catalyzes the first step in serine biosynthesis;
 isozyme of SER33 1 1.113308417 1.117080092 0.927163843 0.816880167 1
 0.991264721 0.849482635 0.836421797 0.751912169 1 1.365530462
 1.485738837 0.885422386 0.620568445 1 2.058792164 0.981934757
 0.62278268 0.730831913 1 2.806256382 2.127632706 1.735615514
 1.195768918 1 0.992020497 1.048997545 1.43139881 1.051550572
 1.333051431 1 0.972766114 1.120497087 1.098353365 0.933799485
 1.369300076 1 0.855818703 0.937987243 1.261681656 1.420342745
 3.02858576 0.965813311
 YPR134W YPR134W::MSS18::Protein involved in splicing intron a15beta of COX1
 1 1.094444298 1.398526336 1.136288412 1.628776855 1 1.076170183
 1.229591125 1.730888172 1 1.102351196 1.2648971 1.75622327

1.505435183	1	1.241001989	0.710133853	0.852373636	1
1.595187678	1.762885948	2.038534721	1.624181683	1	1.140232289
1.380475671	1.197299173	1.001677492	1.267701151	1	1.029405927
1.659853438	1.589990779	1.187085587	1.602736933	1	1.381655266
1.148148629	1.08413156	1.828896439	4.927136121		
YOL064C	YOL064C::MET22::Putative phosphatase gene involved in salt tolerance and methionine biogenesis; halotolerance				
	1	1.392888506	1.260335066		
1.392956065	0.972455155	1	1.392269798	1.124158777	1.20616613
1.696379274	2.040789774	1.09524004	0.852345736	1	1.155231098
0.651357061	0.582713206	0.748580201	1	1.696558083	1.636576389
1.321363224	1.311200597	1	1.026486468	1.161502362	1.181014751
1.040104973	0.980989322	1	1.035294568	1.318981467	1.323908868
0.822451977	0.818501107	1	1.325006239	1.472458028	1.292400892
1.109760232	1.107330059	0.965813311			
YER083c	YER083c::RMD7::Required for Meiotic nuclear Division				
	1				
0.94589341	0.987521846	0.575723938	0.511400072	1	0.853876877
0.893186625	0.685200171	0.583175309	1	1.019255174	1.011531047
1.282192905	0.613399126	1	0.987313528	0.885008255	0.960791697
1.125805791	1	1.064046578	1.697642682	1.526512519	0.868264142
1.401297602	1.1764567	1.27174466	1.133885041	1.086203531	1
0.856651992	1.11469079	0.930735065	0.936128885	0.816852181	1
0.781324067	0.864692993	0.806595028	0.802962839	0.634594782	1.838810316
YOL066C	YOL066C::RIB2::Riboflavin biosynthesis				
	1	1.148904214			
1.155070255	1.152883247	0.956401328	1	1.109385791	1.141729209
0.982881111	1.469435433	1	0.996719616	0.845813926	1.202688905
1.074260635	1	0.514589195	0.350120014	0.536462366	0.797724065
0.800467038	1.258504755	0.969809485	0.877661777	1	0.849977042
0.691418383	0.904068807	0.899718559	0.841261279	1	0.815207646
0.723385805	0.796228701	0.806549947	0.718917204	1	0.969243267
0.79780775	1.012125076	0.799300855	0.827570099	0.90539525	
YER085c	YER085c::YER085C::molecular_function unknown				
	1	1.16466196			
1.214247609	1.061415785	0.997566224	1	1.085299225	1.246490978
1.196656334	1.222150221	1	1.206839056	1.233652396	1.851862944
1.058146504	1	1.009826226	1.30894811	1.458388187	1.012710894
1.04805354	1.801743389	1.815773268	0.645054746		0.644812462
0.854132103			0.725347515		1
	0.770093974	1.097314926	0.370388959		
YOL080C	YOL080C::REX4::RNA EXonuclease; member of 3'->5' exonuclease family.				
See Moser et al. 1997 Nucleic acids Res. 25:5110-5118	1	1.163923898			
1.058229126	1.177032391	1.031508047	1	0.978040574	0.856424008
1.32827873	1.479591418	1	0.706548549	0.586960663	0.946326872
0.956866082	1	0.229967808	1.03426647	0.326515102	0.576568881
0.987987207		1.490373268		0.852521943	0.714231197
0.996181437	1.041302071	1.259243537	1	0.864065929	0.898405591
0.895880274	1.241510072	1.034511107	1	0.655795209	0.46385437
0.926459153	0.689850932	0.524774255	0.685613585		
YOL082W	YOL082W::CVT19::Cytoplasm to Vacuole Targeting; Mutant is defective in import of aminopeptidase I through the cytoplasm to vacuole targeting pathway				
	1	0.89225208	1.16091217	1.318298792	1.249972524
	1	1.154741181			
1.190379296	1.178439314	1.307718087	1	1.218159902	1.69223427
0.968632354	1.173133272	1	1.484427511	1.613458779	1.819597238
1.036108613	1.10927323	1.495042789	1.332826231		0.878770948
1.006918677	1.491241127	0.6932318	0.990362488	1	1.38610785
2.360450333	3.615746892	2.166248182	1.401125155	1	1.408067287
					1.460706
1.435109235	0.779324854	2.063844474	1.305555433		
YER100w	YER100w::UBC6::ubiquitin-conjugating enzyme				
	1	0.754997431			
1.074303884	0.822125865	1.234063383	1	0.76926499	0.788293237

1.133505732 1.118414791 1 0.806168301 0.910734571 1.209361046
1.097370032 1 1.179549656 0.813025615 0.8002819 1.554137958 1
1.525674175 1.62972216 1.645751686 1.270405399 1 0.845596363
1.065160834 0.763906571 0.719109234 0.772835467 1 1.065925253
1.64073056 1.452464665 1.143168598 1 1.22879207 1.422712184
0.964099156 1.514160884 1.34816743 1.273157293
YOL084W YOL084W::PHM7 1 0.812250079 1.234645672 2.440905494
1.498476603 1 1.366000934 2.62784914 1.65316093 1.564131149 1
1.6216677 3.323545491 1.019959373 1.955434999 1 1.773928001
5.796073411 1.769193754 1 2.108748502 3.475222086 4.880883651
3.108589684 1 0.902981844 1.049597049 1.178962835 0.920550789
0.972006752 1 0.712647341 0.813284923 1.193921876 0.725524323
0.833291943 1 1.258877194 1.751616568 0.80995221
YER102w YER102w::RPS8B::Homology to mammalian S8 1 1.17572635
1.078484031 0.767097753 1.017677887 1 0.825329318 0.747786527
1.059337736 1.125798836 1 0.798704602 0.699790983 0.628294993
0.778441244 1 0.579953216 0.335233736 0.212020943 0.590637032 1
1.067374859 0.699110941 0.498079324 0.751354622 1 1.051313025
1.048851381 1.275588284 1.238714559 1.130442023 1 1.279065977
1.651707892 0.857081957 0.579111577 1.218857196 1 1.006223036
0.723990015 0.940514202 1.05091974 0.82674622 0.992957567
YOL086C YOL086C::ADH1::Alcohol dehydrogenase 1 1.357956768
0.894499217 0.618092041 0.365379968 1 1.151274305 0.992001304
0.584515429 0.552429352 1 1.290745553 1.150170715 1.005879626
0.491133367 1 0.889359811 0.500380856 2.134226543 2.256359426 1
1.287211913 1.255749639 1.897355505 2.745446876 1 0.94239576
0.830955948 1.505119823 1.255520097 1.269080937 1 1.046875965
0.831082252 1.297473366 0.996997687 0.591484139 1 0.899339258
0.58823615 1.059726156 0.51464849 0.763233033 1.06738564
YER104w "YER104w::RTT105::same phenotype as RTT101, 102, 103, 104" 1
1.288875033 1.442745823 1.187222846 1.50591379 1 1.373345877
1.201953074 1.605337065 1 0.96498549 0.931254091 1.448281394
1.532880093 1 0.733723379 0.688714426 1.130275184 1.303485199 1
1.609311421 2.583606591 1.550522745 1.667443496 1 1.117169391
0.951668769 0.965327421 1 1.032535864 1.2941658 1.332326859
2.007518105 1 0.905744296 1.071154566 1.277552072 0.818504048
1.405113887 1.081395653
YER106w YER106w::MAM1::Monopolar microtubule Attachment during Meiosis I
1 1.898559324 0.107103364
1 0.653545722 0.611207486 0.780361238 0.982297172
0.783764736 0.644833585
0.897514579
YER108c YER108c 1 0.696891603 0.717708012 0.90179893 0.642820228 1
0.868451172 0.825495152 0.743300861 0.726917311 1 0.773583526
0.700567858 0.426193564 0.915338751 1 0.594984819 0.464239474
0.456743106 0.555603205 1 0.862633572 1.042748968 0.811324661
0.614575254 1 0.931717502 1.028786147 0.946425524 0.967937852
1.012413911 1 0.970908437 0.811680228 0.682971079 1.003943366
1.030673563 1 0.842880376 0.801618744 1.150811074 0.782971665
1.185132168 0.756539156
YDR257C YDR257C::RMS1::Transcription regulator 1 0.757259504
0.807856922 1.001496573 0.794809676 1 0.82144083 0.906949481
1.014291048 0.740851937 1 0.816021789 0.863906672 0.580842132
0.844203808 1 0.644830185 0.576818871 0.804940204 0.718118042 1
1.737187355 1.140053046 0.918912592 1.036149616 1 0.952535259
0.993405588 0.999591292 1.046458397 1 0.961522783 0.719280065

0.673107842 0.958678174 0.686721635 1 0.920692076 0.6955972
 0.85144404 0.606878033 0.871548315 0.612061177
 YER110c "YER110c::KAP123::Karyopherin of predicted MW 122.524 Da. Similar to
 Kap95p (YLR347C) and Kap104p *YBR017C). Ran binding protein, Homolog of
 importin-beta" 1 1.038062798 0.52766632 0.778733033 0.408184804 1
 0.920876026 0.661169247 0.487951685 0.484682862 1 1.028863025
 0.402853987 0.123148065 0.768726416 1 0.468316263 0.201338374
 0.110048467 0.268326049 1 0.254091044 0.137007104 0.037270969
 0.216519611 1 0.82366639 0.443885986 0.663378849 1.282424507
 0.580251268 1 0.657308558 0.268014465 0.230855869 0.513792662
 0.330250521 1 0.677448435 0.350726262 0.581406579 0.574856028
 0.307381068 0.469334476
 YDR259C YDR259C::YAP6::bZIP protein 1 0.777895595 0.983344343
 0.926279486 1 1.112567959 1.095163878 1 3.643941438
 4.654140094 4.353367348 3.591947027 1 2.109974028
 2.024900365 1 1.4714004 1 0.981684775
 1.462265838 1.058996149 1.00978946 1 0.958294993 1.266495097
 1.26710958 1.179297558 1 1.219454628 1.422352131 0.942102166
 1.042535924 1.06475875
 YDR283C YDR283C::GCN2::Derepression of GCN4 expression 1 1.299394803
 1.203450599 1.632354056 1.423535092 1 1.532339668
 1.248694851 1 1.366052428 1.390330738 1.413697931
 1 0.871408384
 0.820717057 0.743536209 0.861547059 1 1.028857014 0.916514479
 0.956851245 1.378914543 1 0.950743067 1.163656954 -
 0.007000298 1.183355593 0.612061177
 YDR285W "YDR285W::ZIP1::Synaptonemal complex protein, component of the
 central element" 1.376654265
 0.905564837 0.415099345
 0.723407305 0.293370089 0.288090494 0.809154039
 0.768534815 0.930079587 1 1
 0.701810699 0.645334878
 YDR287W YDR287W::YDR287W::molecular_function unknown 1 0.849876005
 1.125996893 1.072765664 1.032545669 1 0.975177775 1.092918757
 1.268429631 1.227672194 1 0.896569528 1.156593821 1.820015488
 1.179197408 1 1.24551595 0.88007231 1.445532387 1.647507636 1
 2.302834148 2.13011258 2.431473565 1.612841642 1 1.09365344
 1.362458686 1.496866288 0.993614424 1.084677119 1 1.125366544
 1.448260194 1.828169976 1.81908497 1.094732391 1 1.120938728
 1.313073143 1.052275115 0.853103267 1.169834166 1.232878585
 YDR289C YDR289C::RTT103::Regulator of Ty1 Transposition 1 0.646653599
 1.051980821 0.881800678 0.918463607 1 0.787103717 0.859680329
 1.163144286 0.95080645 1 0.847313718 1.178409196 1.217496298
 1.028300892 1.098244831 0.820583415 0.923127327 0.789421627 1
 2.226217286 2.708795944 2.857165642 1.369037207 1 1.01917186
 1.146388425 1.029594133 0.680446493 1.087556017 1 1.237130415
 1.255058523 1.296193627 1.05563144 1 1.389540087 1.078195693
 0.925880475 0.752330535 1.200165035 0.970191427
 YDR291W YDR291W::YDR291W::helicase 1 1.46941375 1.222512761
 1.520512436 1.266346946 1 1.445604522 1.261617015 1.15530412 1
 1.227909615 1.371195704 0.926411586 1.441759285
 0.566949316 1 0.920897372 0.863409108
 1.288769759 1.080283898 1 0.969175685 0.888660066 1
 0.563451245 1.144391907 0.923935549 0.811361823 0.76879789
 YDR293C YDR293C::SSD1::Product of gene unknown 1 0.772596211
 0.78682512 1.099553856 0.639269241 1 1.054769167 1.13280712
 0.696067796 0.625988032 1 1.072716669 1.022944164 0.59219803

0.923323614	1	1.310377456	1.648552636	0.588898425	1
0.708074186	0.785330436	0.318951876	0.837067985	1	0.78501872
0.779754431	0.966778863	1.118552256	0.804820289	1	0.785755327
0.432561288	0.613303937	0.651006138	0.335297304	1	0.586168619
0.578569443	1.02116557	0.655738831	0.678774505	0.677732966	
YDR307W	YDR307W::YDR307W::molecular_function	unknown	1	0.924245607	
0.809111504	0.936913249	0.741682945	1	0.833783349	0.858037118
0.859266266	0.669423145	1	0.865000265	0.945364096	0.617075462
0.946775979	1	0.865750861	0.945667592	0.889378562	0.960456162
1.192570417	1.02248376	0.900101301	1.312470013	1	1.323267223
1.873360031	1.432842972	1.353192664	1	1.074066869	0.891643703
1.099982678	0.973364581	0.550303795	1	0.950584781	1.027279631
0.800478597	0.88665508	0.920280823			
YDR309C	YDR309C::GIC2::Gtpase-interacting	component 2	1	0.77449365	
0.83048915	0.795734525	0.842019149	1	0.770826536	0.740484619
0.749273736	0.829612349	1	0.708537312	0.636987562	0.529372886
0.446962856	0.448165352	0.425334602	1.000746165	1	0.76464913
1.01080455	0.419549889	1.217777206	1	1.137623517	0.831366672
1.098520088	0.852719313	0.895859169	1	0.898813209	1.014584721
0.83538106	0.806035181	0.75604653	1	0.803348427	0.770024828
0.994361261	0.790358353	0.678705069	0.759165994		
YPR198W	YPR198W::SGE1::multi-copy	suppressor of gal11 null; member of drug-resistance protein family	1	0.985179032	0.733339518
0.67787746	1	0.811591436	0.776229381	0.773849033	0.758990979
0.971530021	0.797273824	0.667496171	0.829387062	1	0.68046224
0.629624754	0.702553497	0.669350514	1	1.260708081	1.025624521
1.464782714	1	1.060260402	1.158583994	1.312357293	1.200988275
0.940536133	1	0.909220071	0.908031679	0.981705594	0.816434413
0.885316122	1	0.790246621	0.815211066	0.833805796	0.954784465
0.663487724	0.864240878				
YPR136C	YPR136C::FYV15::Function required for Yeast Viability on toxin exposure	1	0.889410344	0.937782343	1
1.035963466	0.97759776	1	0.687994119	0.698544854	0.733164892
1.324418838				0.318981745	
1	0.557759228	0.557523518	0.654494305	0.848319453	0.933093048
0.816759947	0.742899078	0.66886164	1.206875053	0.61351756	1
0.48426755	0.553940162	1.054098422	0.541310558	0.591464931	7.912138684
YPR200C	YPR200C::ARR2::Required for arsenate but not for arsenite resistance				
1	1.048256556	1.262114002	1.256102154	1.484420685	1
1.152746291	2.485208319	1.527132799	1	2.445580652	4.310618397
3.624269224	1.689939801	1	1.654218316	2.048577237	1.721570854
1.013096464				1	1.552889847
1.969577346	1.749358571	1.27213928	1	1.164554708	2.161653331
3.796434309	3.98111321	0.784974063	1	0.898003119	0.805480356
1.13277474	0.316587142	0.879364787	1.36597339		
YPR202W	YPR202W::YPR202W::molecular_function	unknown	1	1.183408462	
0.815856225	1.019942824	0.654253039	1	1.174886863	1.165038572
0.784870631	0.624175019	1	1.157733668	0.893419058	0.610373314
0.843441947	1	0.814337802	0.764503667	0.830321722	0.646434701
	1.463282316	1	0.867073196	0.920349041	1.072244031
1.258988826	1.028950598	1	0.798469775	0.521514382	0.810525176
1.161699165	0.491104517	1	0.69855985	0.508072638	0.847325903
0.474722689	0.690861021	0.971066988			
YOL088C	YOL088C::MPD2::protein disulfide isomerase related protein	1			
0.89013364	1.233108785	1.11943622	1	0.814685183	
1.240007566	1.050073317	1	0.91266315	1.046191871	1.232030436
1.084924447	0.716264275	1.012402839	1.764715624	1	1.348016485

1.389354062	1.946208146	1.836276078	1	1.18634914	1.191349949
1.136431233	0.91391514	0.976535444	1	0.763878118	1.039018154
1.069244431	0.870765987	1.222898237	1	1.119929913	1.167199604
1.416817032	1.231677369	1.217199128	1.261774171		
YOL090W	"YOL090W::MSH2::Functions with Pms1p and Pms2/Mlh1p in a complex that interacts with Pms3p/Msh6p to repair single-base and insertion-deletion mispairs, or Msh3p to repair insertion-deletion mispairs." 1 0.931945653				
0.887123645	1.138709861	0.834717247	1		0.985780356
0.883040932	1	0.921408705	0.894070198	0.724148703	1.10877236 1
0.657635066	0.465043478	0.509304074	0.717800559	1	0.946430033
1.280219097	0.983316289	1.116077304	1	0.856571508	0.858468853
0.943227724	0.782041702	0.953660824	1	1.250143472	1.139918482
1.271068741	1.076497872	0.67606391	1	1.027776507	1.295446295
1.16077247	0.907111653	1.04467256	1.063883189		
YOL104C	YOL104C::NDJ1::Involved in meiotic chromosome segregation; may stabilize homologous DNA interactions at telomeres and is required for a telomere activity in distributive segregation; is associated with telomeres 1				
0.885548329	0.966524661	1.14118963	0.54258669	1	
0.850796399	0.69722766	1	0.978620803	0.980858614	0.645985689 1
0.762349251	1.315346513	1.418300855	0.727084482	1	0.725549313
0.982074215	0.983185676	0.572605229	1	1.089247213	1.291247244
1.232242577	1.218462101		0.893297117	1.063960644	
1.685601258	1	0.863604546	1.225365897	0.120633847	1.51360977
YOL106W	YOL106W::YOL106W::molecular_function unknown 1 1.201079051				
1.483087588	1.120345144	1.430573906	1	1.016017173	0.977181681
1.618517803	1.413453891	1	1.250602813	1.342765846	2.529007877
1.230466941	1	1.225335784	0.964509455	1.168109096	0.814164888 1
1.043997022	2.327732989	1.376448921	0.949217778	1	0.692584921
0.601681489	0.661621609	0.634922332	0.945939756	1	1.19570686
2.158234601	2.292117428	3.100086146	3.414247628	1	1.109262634
2.622630088	2.077666748	2.061830671	1.496479509	1.705715512	
YER124c	YER124c::DSE1::Daughter Specific Expression 1 1 0.898187508				
0.673463896	1.01743661	0.819465054	1	0.942685172	0.936172696
0.858766934	0.82195254	1	0.728297569	0.805626485	0.497995953
0.918184579	1	0.819423716	0.808875334	0.880172238	1.153680454 1
1.00346853	0.40796941	0.73805649	1.962073964	1	0.973145665
1.031387477	1.321040685	1.027890057	1.2707819	1	0.990490684
0.935909737	1.512191418	0.454044783	0.506544707	1	1.275346432
1.106003762	1.404905069	0.899759917	1.070851041	0.840599021	
YOL108C	YOL108C::INO4::Transcription factor required for derepression of inositol-choline-regulated genes involved in phospholipid synthesis 1				
0.970787856	1.336178981	1.181592686	1.176616688	1	1.062417819
1.137758733	1.325856763	1.226221138	1	1.132187886	1.15611692
1.229733693	1.14003887	1	1.241539622	1.01111653	1.115524579
1.321605021	1	1.622062538	1.249994925	1.74980648	0.808433354 1
0.923264384	0.765403226	0.648964402	0.958928699	0.851826343	1
0.707998324	0.54972227	0.558120287	0.738717984	1.098416733	1
0.601218791	0.542616726	0.741191987	0.556557292	0.857070904	0.87825089
YER126c	YER126c::NSA2::Killer toxin Resistant; Nop seven associated protein 2 1 0.780827259 0.573014376 0.728451992 0.877966194 1 0.633531339				
0.564087117	0.842079751	1.130943147	1	0.417791249	0.286629452
0.234059172	0.970260612	1	0.276331141		0.197347224 0.772140126
0.392324293	0.372366932	0.201115964	1.246942649	1	0.629044645
0.484250601	0.731531714	1.063138154	1.022860356	1	0.595659546
0.556133481	0.543710366	0.960321399	0.843647242	1	0.557744322
1.010052458		0.526364235	0.942171402		

YOL112W YOL112W::MSB4::Multicopy Suppressor of Bud Emergence 1
0.986686047 0.984858414 0.963372948 0.947708672 1 0.93504916
0.926259927 0.939200123 1.124828403 1 0.859788642 0.968194179
1.016869433 1.156228283 1 1.059464903 0.765462199 0.812703802 1
1.579936364 1.121291568 0.963586546 0.788296061 1 0.848872485
0.865377134 1.16029805 0.839789053 1.177989668 1 1.197789124
1.243922977 1.391544636 1 0.693787851 0.93232452
0.815444978 0.768818113 2.766096146
YER128w YER128w::YER128W::molecular_function unknown 1 0.77773493
1.13802224 0.924962836 1.359135992 1 0.900618011 0.912135264
1.182444054 1.337477867 1 1.034701579 0.858017364 1.698544673
1.082936427 0.677561234 2.508500182 0.716553405 1.2473962 1
1.15658039 1.341549346 2.023093595 1.501943707 1 1.056473741
1.001776977 0.64937697 0.866169665 1.027934279 1 0.968505074
1.306366252 1.597612842 1.684650517 1.855635249 1 0.964760912
1.075451729 1.234517583 0.922037539 1.296664088 1.106788787
YOL114C YOL114C::YOL114C::molecular_function unknown 0.824962311
0.915336017 0.797869727 0.684292014 1.018909612 0.894576776
0.648630001 0.875789686 1.092609213 0.4253372
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0.844632562 0.865812621 1.275510323 0.790101417 1.088021236
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1.051227311 0.622366426 1.014383609 1 2.194070719 1.703273316
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1.233099406 1 1.312563534 1.264576734 1.46905175 1.088303471
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1.103218624 0.944798293
YOR058C YOR058C::ASE1::essential for anaphase spindle elongation 1
1.597613232 1.558415064 1.442549085 1.691224612 1 1.481476464
1.517689214 1.445052078 1.159049461 1 1.357649238 1.34895697
1.288278911 1.322336008 0.880457317 0.612669475 0.537953
0.522710984 1 1.211229594 0.969922177 0.90438696
1.066414691 1.099651171 1 0.777956882 0.806972782 0.774155257
0.841806149 0.908116377 1 0.765491666 0.907547344 0.793762748
0.937597434 1.024643731 1.574371933
YER132c YER132c::PMD1::Paralog of MDS3 1 1.474880965 1.449983065
1.465020586 1.430292769 1 1.355523028 1.301619336 1.449510081
1.433034212 1 1.356678166 1.208288372 1.04233267 1.424751187 1
0.94792034 1.011779305 0.691922677 0.690351025
0.572919629 1 1.12133141 0.79879098 0.996934227 1.078076507
1.017670407 1 0.909634106 0.917242148 0.877842087 0.959255995
1.046983888 1 0.837026787 0.945436074 0.823814171 0.921325807
0.83621625 0.90276836
YER132c YER132c::PMD1::Paralog of MDS3
1.173110412 0.969763028 1 1.605735659
0.815000679
YOR060C YOR060C::YOR060C::molecular_function unknown 1 0.921573341
0.949076628 1.211656735 1.041995714 1 0.993925305 1.090742231
1.182237345 0.826351548 1 1.154926318 1.180906575 0.497519625
1.201645132 1 1.232756963 0.658702893 0.644628375
0.648440997 1.616944652 0.95885222 1 0.92881527

	0.744102261	0.784285216	1.080328964	1	0.828850812	0.975166484	
	1.121277274	0.954156871	0.985468779	1	0.850562613	0.949341813	
	0.618695898	0.863011868	0.92816139				
YER134c	YER134c::YER134C::molecular_function unknown			1	1.0407661		
	1.254176803	1.289205583	1	1.101996303	0.92708038	1.136193001	
	1.271947519	1	1.279020223	1.250378624	1.148080555	1.001403329	
	1.220168666	1.039569735			0.913584892		1
	1.01585542	1.262238558	0.652521153	0.904160894	1.181524529	1	
	1.071952163	1.413334042	1.500137537	1.007049356	1.307410738	1	
	1.174077697	1.333695033	0.989929634	0.97565922	1.543137934	1.145316164	
YOR062C	YOR062C::YOR062C::molecular_function unknown			1	1.63872186		
	1.569464892	1.814824563	1	1.241414516	1.304409602	1.366909724	
	1.362150456	1	1.38050634	1.434372221	1.879179341	1.511099721	1
	1.085623009	1.016026747	0.771778032	0.902470756	1	0.990279386	
	1.011414028	1.156620046	1.210827114	1	1.149164108	1.029749641	
	1.029512577	1.010300235	1.144023014	1	1.13033295	1.135206979	
	1.515819914	1.069141662	0.90514692	1	1.278202317	0.909229637	
	1.165665411	0.935910673	1.174508537	1.172460524			
YER148w	YER148w::SPT15::TATA-binding protein (TBP)			1	0.986014257		
	0.858071458	0.807218723	1.280858512	1	0.768450353	0.745047402	
	0.852031568	0.98761281	1	1.019169144	0.937315859	0.500966114	
	1.179140657	1	0.718333781		0.532551924	0.912488641	1
	1.619060826	1.057458331	1.124194787	1.49503436	1	1.183601829	
	1.022894454	0.771315654	0.867194986	0.926107358	1	1.004942471	
	1.204901531	0.934823303	0.959375368	1.542771253	1	1.145104541	
	1.351617182	0.968994251	1.367423074	1.018737907	1.844939867		
YER150w	"YER150w::SPI1::Stationary Phase Induced; strongly expressed during stationary phase, and transcription is dependent on MSN2/MSN4."			1			
	1.284024289	1.827602058	2.061660334	1	1.43944491	2.134861697	
	1.768829769	1.948197296	1	1.616840064	2.266126908	2.648239385	
	1.581035819	1	2.686299565	3.141936044	6.812712751	5.70661361	1
	4.047785382	20.92698452	7.064002436	1	1.246122727	1.680455936	
	0.851294765	0.720261889	0.87209087	1	0.859554882	1.134928848	
	2.058750792	1.439137028	2.14315054	1	0.84477175	1.033083268	
	1.015556262	0.807430714	2.479047297	1.196102433			
YER152c	YER152c::YER152C::molecular_function unknown			1	0.803239056		
	0.667799174	0.627310409	0.347702692	1	0.810889345	0.850291168	
	0.634056746	1	1.067896095	0.999746995	0.993560403	0.864307227	1
	0.840149659	0.894451426	1.014073395	1.063406499		0.789305195	
	0.478597735	0.575482443	0.506604434	1	1.046914025	1.048182864	
	1.547309375	1.469683926	1.254566451	1	0.862381833	0.845985996	
	0.90128584	0.831295538	0.588578159	1	0.844928008	0.879741105	
	1.345887957	0.593613593	1.127030507	0.907146476			
YDR311W	"YDR311W::TFB1::Component of transcription initiation factor IIb, 75 kDa subunit"			1	0.803592111	0.930908974	1.069122095
	0.947963253	1.054711825	0.975908631	1	0.844094286	0.84098008	
	0.759393797	1.171222202	1		0.67507869	1.137338811	
	0.399309275	0.632911937	0.817790864	0.539218455	1	1.070251386	
	1.048166955	1.142356515	1.240472234	1.287625891	1	0.910291924	
	1.016753534	0.923670743	0.8382478	0.909620765	1	0.781495437	
	0.847092954	0.787884941	0.721554386	0.679484244			
YER154w	YER154w::OXA1::Mediates the export of proteins from the mitochondrial matrix to the intermembrane space.			1	0.951307781	0.935380404	0.796016283
	0.748259829	1	1.012262019	0.941568224		0.904864231	1
	0.97806079	0.978700851	1.27796096	0.80860539	1	0.916768223	
	1.197200904	1.06138084	1.052284554	1	0.83959806	1.259184418	
	0.876919288	1.041615071	1	0.890784779	0.936496523	1.034858837	

	0.950277752	0.860641133	1	0.797000922	0.928897583	0.904976879		
	0.819457464	0.894873099	1	0.93706408	1.063572631	1.023155977		
	0.779101311	1.115499413	1.162828628					
YDR313C	YDR313C::PIB1::Phosphatidylinositol(3)-phosphate binding						1	
	1.090995499	0.981065224	0.999908645	1.240469777	1	0.839620045		
	0.950731062	1.102079418	1.3694602	1	0.868195738	0.976206823		
	1.284400606	1.184336898	1		1.246486299	1.455375334		
	0.716778349	0.705117465	0.625102037	1	1.154957816	1.115871674		
	1.013352818	1.164550542	1.040524814	1	1.05762288	1.151602818		
	0.930673396	0.907862192	1.105762617	1	1.031707346	0.974011206		
	1.04214213	1.285707159	1.152348711	0.986828225				
YDR315C	YDR315C::IPK1::inositol polyphosphate kinase						1	0.891482763
	1.24804894	1.126634887	1.452865502	1	0.980719866	1.142462687		
	1.172115535	1	1.049451043	1.309135824	1.372998331	1.165046826	1	
	0.839550768	0.559804814	0.903289533	1.641628084	1	1.34335299		
	2.098734113	2.725296623	1.596040004	1	1.071332981	1.280938557		
	0.897691225	0.854057312	1.126980313	1	1.038607858	1.494505047		
	1.30758286	1.312692271	1.522702035	1	1.438019288	1.306720831		
	1.290420349	1.07996763	1.761925319	2.009557147				
YDR317W	YDR317W::YDR317W::molecular_function unknown						1	1.427152821
	1.58487235	1.065480226	1.70398721	1	1.203305821	1.255686211		
	1.323861992	1.372258861	1	1.26835096	1.325224432	1.888823278		
	1.442660991	1	1.16721353	0.524645668	0.908586829	1.952419974	1	
	1.596747012	2.875735866	2.181014787	1.831245183	1	1.12611994		
	1.188365047	0.861136345	1.050245057	1.189289565	1	0.719552485		
	1.272697986	1	1.364904328	1	0.924158725	0.810339716		
	0.717906083	1.099160212	1.070888195					
YDR331W	YDR331W::GPI8::Protein involved in the attachment of glycosylphosphatidylinositol (GPI) anchors to proteins						1	0.788905354
	0.796607943	0.906958641	0.866918716	1	0.800959956	0.832894648		
	0.90119332	0.853795504	1	0.811943462	0.673760753	0.665238124		
	0.84945196	1	0.599767172	0.386173136	0.526046873	0.571565727	1	
	0.812207273	0.739947869	0.738130491	0.687687659	1	0.898575377		
	0.791732876	0.876635832	1.043198313	0.890133501	1	0.798893432		
	0.855322084	0.684412578	0.719828134	0.550858518	1	1.052609239		
	0.859751362	1.028540347	0.938390986	0.83831202	0.916778372			
YDR333C	YDR333C::YDR333C::molecular_function unknown						1	0.889616198
	0.839373051	1.046436617	0.753835473	1	1.046191986	1.03752714		
	0.935465565	0.82311043	1	0.940065118	1.029888686	0.645974253		
	0.920951313	1	1.070533986	0.884649241	0.783930425	0.642459497	1	
	1.390223542	0.960215457	0.843965361	1.191161575	1	0.80247792		
	0.943671538	0.992708861	0.715326165	1.069448818	1	1.248941561		
	0.995367302	1.031902457	1.294505038	1		0.702811886		
	0.791825687		0.985016612	0.569155579				
YDR335W	YDR335W::MSN5::Multicopy suppressor of snf1 mutation						1	
	0.903826235	0.875709105	1.166261882	0.704940601	1	1.069440744		
	1.195499767	0.947158956	0.764591537	1	1.119659685	1.205708443		
	0.665013545	1.033934051	1	1.519324217	0.983822111	1.173524825	1	
	1.387244445	1.128107885	1.094834751	1.022373406	1	1.094918916		
	0.993405519	1.02745868	0.955765326	1	1.154042746	0.759689969		
	0.884544485	0.992785789	0.642294521	1	0.841328889	0.734045606		
	0.810474301	0.606952043	0.746490392	0.867743381				
YDR337W	YDR337W::MRPS28::Mitochondrial ribosomal protein MRPS28 (E. coli S15)						1	
	1	0.788545826	1.218144175	1.141144969	1.580240359	1	0.964732273	
	1.124736132	1.355258487	1.367765632	1	0.926263619	1.096377512		
	1.249964319	1.177940139	1	1.093209059	0.753074351	1.20719053	1	
	1.839537952	2.219366979	2.415628626	1.240314387	1	0.86279775		

1.157440072 0.750721833 0.777845826 0.914652553 1 1.254997411
1.289793579 1.047030948 0.910466541 1.194160389 1 1.351371831
1.244587485 1.059956448 1.365869867 1.57456472 0.908897701
YDR339C YDR339C::YDR339C::molecular_function unknown 1 0.830549005
1.041280064 0.792690577 1.301995393 1 0.691749809 0.661142748
1.260868929 1.26430816 1 0.586318823 0.692247415 0.732416944
0.97651655 1 0.450296814 0.467350839 0.928419649 1
1.019393845 1.119657374 0.99530441 1.210414326 1 0.803620154
0.893435275 0.640855976 0.707589431 0.894057486 1 0.867015871
1.37478875 0.861821514 1.207976339 2.300278212 1 0.922212834
0.993708771 0.986587212 1.837041272 0.95359274 1.192599878
YDR341C YDR341C::YDR341C::arginine-tRNA ligase 1 1.27728917
1.238505178 1.32402116 1.092907368 1 1.221032041 1.223462868
1.083630798 1.04597158 1 1.273360215 1.317477281 0.819387775
1.291867537 1 0.935739661 0.503461982
1 1.086165937 1.041749561 1.049606092 1.224698814 1.084141004 1
0.890337555 0.801868414 0.714782375 0.725494327 0.843511477 1
0.990619582 0.901879923 0.993845498 0.979982477
YOR064C YOR064C::YNG1::Yeast homolog of mammalian Ing1 1 1.49065798
1.560867288 1.291332317 1.986807989 1 1.435564582 1.332980208
1.522424812 1.638211592 1 1.328677158 1.15635327 1.339272844
1.267100856 1 0.431845305 0.58823519 0.681090351 1
1.422667677 1.126759649 1.306286451 1 0.741654658 0.688397169
0.677511514 0.821797555 0.917101633 1 0.728533517 0.721059072
0.719572043 1.032259859 1.65132179 1 0.793052449 0.65355159
1.010038624 0.97477929 1.426138846 1.635665659
YOR066W YOR066W::YOR066W::molecular_function unknown 1 0.99133314
0.931342678 1.102529211 0.763329607 1 1.188694454 1.214354164
0.801827706 0.803556769 1 0.779348429 1.069801124 0.871601641
0.928028944 1 0.72441425 0.872998318 0.609854102 1
0.936640183 0.645801135 1 0.966025856 1.069471274
1.125194372 1.271547303 1.409243586 1 0.722023563 0.709671751
0.608284254 0.996387394 1.028557613 1 0.746562851 0.647100564
0.866557174 0.700364429 0.811946224 0.825713448
YOR068C YOR068C::YOR068C::molecular_function unknown 1
1.700213271 0.946090498 1 1.550055696 1.40638041 1
1.416889019 1.531874877 1.083959445 1 0.447383309
0.620771035 1 0.964036019 1.047224612
0.755514783 0.979306674 0.725227165 1.078394719 1
0.653674107 1.280018727 1.05391852 1 0.681251744
1.047646367 1.044753147 0.944798293
YOR082C YOR082C::YOR082C::molecular_function unknown 1
2.154481548 1 1.455281907 1.199570251 1.248625752 1
1.379077229 1.559903467 1.469469684 1 0.463961056
0.965125568 0.73985323 1 0.543017018 0.352746755 0.591061475 1
0.742228679 1.117178455 1
1 0.118005023 1.811407228 0.890509573
YER156c YER156c::YER156C::molecular_function unknown 1 0.982092869
0.675430994 0.616089404 0.485228051 1 0.816398064 0.702322213
0.705346208 0.723684722 1 0.445279705 0.335297145 0.631869311 1
0.356196771 0.1493726 0.247355709 0.56380428 1 0.408666371
0.146326564 0.244700738 0.499761641 1 0.472523865 0.166000646
0.20044115 1.319857389 1.020463818 1 0.168941914 0.083792976
0.065718499 0.145568579 0.864479903 1 0.175642483 0.104067294
0.403242747 0.763921914 0.552358522 0.802071592
YOR084W YOR084W::YOR084W::molecular_function unknown 1 1.211021085
1.067426589 1.088111637 0.859894897 1 1.126432871 1.120926054

1.019873723	1.041064589	1	1.056201613	1.048865034	1.196602214
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0.783981314	0.941701468	0.787931676	0.597284999	1	1.039229063
1.001398402	1.097983618	1.230490645	1.441128675	1	0.856629344
0.817162533	0.692705671	1.002389881	0.778408237	1	0.597224006
0.590383156	0.81496725	0.703107655	0.733820689	1.027982598	
YER158c	YER158c::YER158C::molecular_function unknown				1 1.008267918
0.921703967	0.917749107	0.882748782	1	0.89690073	0.926627776
0.873032359	1	1.32820864	1.058498864	1.05259807	1.124199286 1
1.162293967	0.850868897	1.228655068	1.262447058	1	0.856976737
0.986013452	0.853491638	0.851900893	1	1.493995185	1.676752414
1.766025927	1.554146018	1.192967901		0.978117274	0.945629214
1.513212843	1.456689113	1.045047283	1	1.46903058	1.592051491
1.314135067	0.840069747	1.660183471	0.941295842		
YOR086C	YOR086C::YOR086C::molecular_function unknown				1 1.470878173
1.463418995	1.900540926	1.500253518	1	1.83475861	1.685126352
1.503662465	1	1.635691064	1.63537392	1.381993082	1.679048528 1
1.293430784	1.51498379	1.607599318	0.735775485	1	0.914344377
1.25419501	0.472801448	1	0.922139116	0.931562336	0.995724374
1.285395507	0.973562132	1	0.871877097	0.501736774	0.719392782
0.788543225	0.360908398	1	0.861203227	0.679441809	1.174730945
0.708887214	0.884406422	0.728519183			
YER172c	YER172c::BRR2::RNA helicase-related protein required for pre-mRNA splicing; Snurp 246 kDa protein (Snurp = Small nuclear ribonucleoprotein particle) 1 1.069232938 0.791581053 1.1807236 0.736400778 1				
1.09288163	1.057359751	0.734261093	0.747976367	1	1.402827172
1.282082832	0.723243906	1.081319375	1	1.30041882	1.742870701
1.25323299	0.830274256	1	0.529220633	0.520828998	0.402913638
0.897533199	1	0.843786354	0.679525064	0.924680524	1.197790461
0.924131078	1	0.612295294	0.616328619	0.742185762	0.818626309
1.14699858	1	0.677851899	0.880508466	1.038498956	1.011861216
0.828081767	0.713633558				
YOR088W	YOR088W::YOR088W::molecular_function unknown				1 1.720722857
1.233037117	1.683185042	1.151265511	1	1.616125542	1.583006648
1.287858605	1.173618078	1	1.472284755	1.697031151	1.123906619
1.345310536	1	1.091365898	1	1.146669043	
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1.061966394	1.055838084	1	1.081274347	1.337166864	0.960703808
0.866995373	1.013079627	1	1.428485486	1.384525655	1.195643716
1.519714931	1.163101078	1.045495061			
YER174c	"YER174c::GRX4::Member of a glutaredoxin subfamily in Sc together with GRX3 & GRX5. Significant sequence diff. with the other glutaredoxin subfamily, formed by the previously described GRX1 & GRX2 glutaredoxins (Luikenhuis MBC 9:1081, 1998)" 1 1.018580669 0.944294716 0.846908849				
1.182971038	1	0.885329731	0.841526162	1.085063815	1
0.81261845	0.559053167	0.930429571	1.032984591	1	0.947552789
0.388645388	0.698276856	1.064651722	1	1.405730654	1.140501232
1.75647004	1	0.630258047	0.450358792	0.343932174	0.970473964
0.9461224	1	0.458750904	0.453836068	0.397563259	0.335694428 1
0.57202733	0.52856737	0.64059213	1.729511169	1.4011862	1.099783781
YOR090C	YOR090C::PTC5::Phosphatase type Two C				1 1.078937372
0.995262728	1.324153439	0.815743631	1	1.281830383	1.42073859
0.991655392	0.973403059	1	1.153135124	1.247673963	0.813477684
1.20259227	1	1.523646011	1.227555644	1.133949245	1.172611894 1
1.249702013	1.079362384	1.610282525	1	1.149874843	1.18776747
1.360754948	1.213285104	1.331682605	1	1.19758357	0.95323768

1.029147692 1.175422829 0.814723456 1 0.738006587 0.790209336
0.815071719 0.656313388 0.655614344 0.691742979
YER176w "YER176w::ECM32::DNA Helicase; identified as an ExtraCellular
Mutant; homology exists between ECM32 and two other identified DNA helicases,
DNA2 and NAM7" 1 0.910592109 0.79419534 0.882898327 0.846089963 1
0.902831613 0.961836047 0.811842411 1 1.017631773 0.808241661
1.008925847 1.195212429 1.047986259 0.757840156 1.010275745
1.096645281 0.869974379 0.620753492 1 0.856855211 0.928686866
1.021346639 0.907152268 0.968221302 1 1.157849138 0.845864954
1.125440201 1.161989341 1 1.049853746 0.866305814 0.949749161
0.601957284 0.733061177 0.726767905
YOR092W YOR092W::ECM3::ExtraCellular Mutant 1 1.354835814 0.838887615
1.272812147 0.873253076 1 1.234666863 1.158026187 0.907393794
0.777224408 1 1.325218915 0.843669261 0.641565673 1.147083646 1
0.85819576 0.781141326 0.895353869 0.397905876 1.058227779
1.563298653 1 1.091180931 1.121755153 1.160717104 1.147769877
0.710571351 1 0.930383628 0.962394695 1.275685615 1.002832689
0.878835296 1.047646462 1.04999453 1.0843986 1.122204697
1.071726835 0.679484244
YER178w YER178w::PDA1::alpha subunit of pyruvate dehydrogenase (E1 alpha) 1
1.498411688 1.037490033 1.24879842 0.95242249 1 1.286835347
1.316907272 0.949277882 1.05074265 1 1.292267022 1.205101217
1.378711299 0.8059971 1.938681377 1.685944736 1.485322979 1
0.989185784 0.682234548 0.984718488 1.147849713 1 1.158936309
0.972239763 1.665442672 1.472168077 0.983002253 1 1.547943817
1.446999594 2.206060064 1.619787253 1.070543738 1 1.034572797
0.833147614 1.060611285 0.754313569 1.008845805 0.738151027
YOR106W YOR106W::VAM3::Syntaxin-related protein; required for vacuolar
assembly; PEP12 homolog 1 0.672952806 0.830556172 0.893473617 0.879936583 1
0.796411486 0.770031655 1.029500698 1.109310318 1 0.75580151
0.741523051 0.780027088 1.067528375 1 0.885630166 0.619194017
0.564774963 0.78277249 1 1.53719186 0.967703873 1.558529617
1.375375431 1 1.152205144 1.189494453 1.061319981 1.017390098
1.247494984 1 0.978067223 1.052629173 1.108477168 1.036591093
1.307604246 1 0.997828651 0.983035559 1.023697057 0.933735893
1.167566833 1.17596308
YER180c YER180c::ISC10::Meiosis-specific protein required for spore
formation 1 0.869461323 0.821759608 0.797697323 1.081863452 1
0.702000177 0.683776119 0.929600996 0.896320725 1 0.697949764
0.704601229 1.01208293 0.876362928 1 0.797945184 2.543208589
1.185709654 1.346205435 1 1.861849128 1.490808644 1
1.004666514 0.854616421 0.596294563 0.656857318 1.009384128 1
0.798548532 1.090645932 0.824881256 0.863740617 1.916330669 1
1.020316813 1.267865648 1.12876328 1.296777598 1.710981655 1.578750049
YER182w YER182w::YER182W::molecular_function unknown 1 0.995219879
1.113922866 1.107724645 1.395058665 1 0.899927881 0.880282881
1.592074771 1.281153678 1 0.883770014 0.857339077 0.564849327
1.236605308 1 0.780530202 1.621039986 1.202662183 1
0.764507051 1.231259212 1 0.642652121 0.485039988
0.208185858 0.686616263 0.904834657 1 0.765175603 0.515673968
0.478280272 0.483829719 1.192720927 1 0.715627883 0.518198188
0.779880565 1.265844726 1.82989104 1.320441006
YFL004W YFL004W::VTC2::Phosphate metabolism; transcription is regulated by
PHO system 1 1.063240633 0.789894212 1.033207056 0.752696135 1
0.963764777 0.961257205 0.783456919 1 1.012089985 0.941260813
0.458755032 0.897785107 1 1.133770248 0.832665516 0.9780609
0.648402487 1 0.875035979 0.644937792 0.628563998 0.759923817 1

	1.047160016	0.932948718		0.994990698	0.837278706	1		1.093904174	
	0.845984015	1.117120595	0.934886425	0.648087454	1		0.943330101		
	0.966325715	0.836027022	0.580645046	0.768362117	0.716260448				
YDR355C	YDR355C::YDR355C::molecular_function unknown							0.87051993	
	1.48601603	1.049454794		1.089655171			0.875991403		
		1.785675937	1				0.66021534		
		1	0.975162134	0.915669556			0.780589904	1.210145406	
	0.775973043	0.642589725		1.40311402	1.154783583	1			
	1.692874901								
YFL006W	YFL006W::YFL006W::molecular_function unknown						1	1.152323202	
	1.080334255	0.972627824	0.961005758	1	0.881716222		1.027941547		
	1.437505989	1.429999323	1	1.043593722	0.991010572		2.504512229		
	1.134051727	1	1.184464239	1.16641375	2.351897767		1.727940641	1	
	0.712330191	1.798304632	1.690282638	0.640816378	1		1.207360078		
	1.241292383	1.13819404	1.054092502	0.761150643	1		1.108912274		
	1.396862714	1.463228652	0.824808255	1.086894868	1		1.001021662		
	1.527434252	0.937573641	0.802906165	0.980918956	0.783683463				
YDR357C	YDR357C::YDR357C::molecular_function unknown							0.704296197	
	1.11148638	0.758102958	1.13951995		0.670743336		0.709554802		
	1.274957808		0.635368076	0.996369384	1.417470627		1.030875391	1	
	1.212073308	0.791660527	1.200597162	1.882363388	1		1.896537576		
	2.536451673	3.531595794	1.427650445		0.933551519		0.95169467		
	0.719352125	0.849330168	1.202788075	1	0.849941676		1.183343257		
	1.011692885	1.46204496	2.42626921	1	1.019353695		1.465398504		
	1.484165675	1.276851209	2.110749937	1.431645232					
YDR359C	YDR359C::VID21::Vacuolar import degradation							1.019505647	
	0.841586528	1.151690348	0.799817645		1.101762512		1.046758056		
	0.891711511	0.753327784		1.001880156	1.190989391		1.01619057	1	
	1.147831287		0.906453967	1	0.82634738		1.520641866		
	0.711642598	1.056884014	1	0.809026186	0.847902302		0.966635932		
	0.90336103	0.792655163	1	0.730592561	0.663564197		1.072596509		
	1.161467404	0.826530432	1	0.819580032	0.678615927		1.183283709		
	0.571640265	1.055252629	0.922907714						
YDR361C	YDR361C::BCP1::Hypothetical ORF						0.954247396	0.852974697	
	0.833018775	0.976032072		0.679218395	0.831475206		0.93050851		
	0.745080541	0.904348055	1.040023723	0.860531339			0.707344151		
	0.605735103				1		1.032783926		
	0.990358317		1.08662548	1	1.552698272		1.083378372		
	1.462444196	0.767002687	1.28390249		1.113550502		1.254001629		
	0.98951376	0.551853436	0.774090273	0.960559531					
YDR363W	YDR363W::ESC2::Establishes Silent Chromatin							0.765860488	
	0.865501669	1.367492613	0.876177236		1.108267376		1.138157856		
	1.020957425		1.01634777	1.129641713	0.668419783		0.841930554	1	
	0.634139005	0.527649709	0.541743406	0.719738267	1		1.610790343		
	1.002358292	1.294551878	1.358821894		1.169792498		0.871911313		
	0.998641622	1.252545463	1		0.686417575	0.955718911	1.261177834		
	0.947777733	1	0.887086367		1.271533574	0.584628511	1.549942469		
	0.952678964								
YDR365C	YDR365C::YDR365C::molecular_function unknown						1	1.016064132	
	0.896329102	1.039961875	1.041182854	1	0.90803842		0.852867859		
	1.013376665	0.98832501	1	0.914433607	0.593840357		0.69816285		
	1.413507303		2.028030072		1.299694388	1.129120451	1		
	0.679149557		0.693995604	1	0.862967787	0.854074679	0.361517209		
	0.679310617	0.879303926	1	0.951877124	0.632079512		0.658319103		
	0.85739349	1.287248983	1	0.578818873	0.58644006		0.754706213		
	1.064454779 0.394006651 0.600678055								

YDR379W "YDR379W::RGA2::contains a Rho-GAP domain and two LIM domains, similar to Rgalp and all known Rho-GAPs" 1 0.634510443 0.792212599
0.98685731 0.817055386 1 0.899456204 0.937058842 0.788130567 1
0.965342745 1.021889029 1.02072459 0.510973732 0.748295683
0.716011341 0.679972623 1 1.508255836 1.918518093 1.574963217
1 1.272480825 0.844078497 0.867553482 1.194250405 1
1.075996333 0.881422871 1.388456668 1.262029418 1.083669543 1
1.094189906 1.051330109 1.222560941 0.783934949 1.527554833 1.365097829
YDR381W YDR381W::YRA1::Yeast RNA Annealing Protein 1 1.450914114
1.752253285 1.269545055 2.242461849 1 1.226591427 1.223506276
1.92920378 1.660711335 1 1.315078268 1.298826565 1.587515445
2.132485517 1 1.087418126 0.969025084 0.864790151 1
2.29639438 3.309769697 2.612896681 1.104112529 1 0.986428497
1.263967294 0.827156302 0.821852694 1.12597049 1 1.294423218
1.789035091 1.166855913 0.758473153 2.07228263 1 1.178873586
1.435199271 0.918988017 1.411013966 1.592320169 1.510451421
YDR383C YDR383C::NKP1::Non-essential kinetochore protein 1
1.077623782 1.111783988 1.358192628 1 0.7388903 0.67787102
1.086822504 1.096553868 1 0.988926617 0.797028255 0.769340823
0.787652525 1 0.538865656 1.100316697 1 1.934630023
2.248825293 1.467363065 1.129900177 1 0.857136989 1.023066935
0.696255668 0.670806644 1.021793578 1 0.990172003 1.256575195
1.292442383 1.09776279 2.151725298 1 1.047273991 1.294507427
1.127505781 0.540284666 1.441636825 0.911524592
YDR385W YDR385W::EFT2::translation elongation factor 2 (EF-2) 1
1.008052799 0.598804133 1.136329635 0.504970278 1 1.202495537
1.118777325 0.5622413 0.810558455 1 1.08807098 0.751304209
0.663853199 0.891053693 1 0.697767131 0.384651192 0.475953122
0.262716834 1 0.428986533 0.166755418 0.118266162 0.297415509 1
0.936074559 0.624807078 0.884569586 1.605708298 0.856066673 1
0.73455386 0.299662743 0.470348366 0.435169742 0.181179787 1
0.745393851 0.349791025 0.454498618 0.354624512 0.535177545 0.455324463
YOR108W YOR108W::YOR108W::molecular_function unknown 1 1.220547401
0.845931953 1.222394013 0.53679804 1 1.135854582 0.989049757
0.750365415 0.631625164 1 1.305641297 0.891716109 0.435516409
0.676043853 1 0.8222375 0.882003242 0.704376515 0.318652501 1
0.429597766 1 0.76488883 0.570237432 0.67377808
1.092677785 0.823291109 1 0.758236381 0.336570723 0.319015134
0.485177646 0.57205681 1 0.674111669 0.306600438 0.647440736
0.641744413 0.436775878 0.577036198
YOR110W YOR110W::TFC7::Transcription factor for RNA polymerase III 1
1.83463257 1.900631772 1.61218341 1.719755109 1 1.54400024
1.479537329 1.438984497 1 1.505994232 1.361266046 1.538107139
0.911292385 1
1.109501453 1.115827767 1.122192625 0.921304296 1.224121218 1
1.183145775 1.115877189 1.292284935 0.951967446 0.964671352 1
1.069678525 0.876601536 1.089285723 0.93733316 1.104972571 3.414933684
YOR112W YOR112W::YOR112W::molecular_function unknown 1 1.387021572
1.428716074 1.616736133 1.40039231 1 1.57871727 1.572904739
1.486431097 1.210278145 1 1.575793223 0.962931816 1.441209894
1.429579788 0.738081882 1
1.000327245 0.978890921 1.033772531 0.954719898 0.948372103 1
1.062150092 0.685083258 0.894517367 0.852652952 0.596867011 1
1.049387973 0.821505206 1.002923934 0.765264181 0.893224874
YOR114W YOR114W::YOR114W::molecular_function unknown 1
1.297312403 1.139023314 1.578861232 1 1.060293973 1.138897977
1.55579736 1.491328393 1 1.147055001 1.06264532 1.345937108

1.748991415	1	0.853379718	0.69840734	0.973549475	1.239727798	1	
1.526044266	1.690890359	1.795427446	2.223759095	1	1.048766793		
1.202611112	1.310246571	0.977505686	1.478434788	1	1.348469648		
1.884700795	1.677940648	1.666943438	1.338733493	1	1.020703873		
1.056857859	1.039552004	0.964163602	0.910651195	1.23375425			
YFL008W	YFL008W::SMC1::coiled-coil protein involved in chromosome structure or segregation						
	1	0.677316643	0.638097676	0.71588045	1		
0.810176289	0.877023147	0.724016395	0.73226186	1	0.717810553		
0.717059036	0.697449476	0.905417728	1	0.938090649	0.984637558		
1.051098124	1.237066603	1	0.969711221	0.975411574	0.932654889		
1.259213308	1	1.013955643	0.901105466	0.880986345	0.863177337		
1.104912616	1	1.144439439	0.989410236	1.167832056	1.175169047		
0.95892708	1	1.005199895	1.16978865	1.184924234	0.688956048		
1.07876311	0.978071994						
YOR116C	YOR116C::RPO31::RNA polymerase III large subunit					1	
1.579293444	1.059231392	1.497848399	1.172038998	1	1.764686165		
1.471372898	1.15693137	1.204514386	1	1.172050536	1.12147256		
0.979161011	1.176044985	1	0.984350565	0.846494184	0.795236432		
0.664063062	1	0.909592163	0.775755933	0.801797673	1		
1.040136623	0.917006707	1.118981592	1.283720555	1.064356765	1		
0.790256571	0.636027237	0.597339233	0.792738266	0.480429997	1		
0.632666874	0.68119735	0.818061371	0.698332584	0.659985949	0.87299711		
YOR130C	"YOR130C::ORT1::Mitochondrial integral membrane protein, ornithine transporter"						
	1	1.037255412	1.187349684	0.872775565	1.570120758	1	
0.904189042	0.890703731	1.85086824	1.417248304	1	0.72545948		
0.926726376	1.383968472	1.434718866	1	0.84116199	0.545146894		
0.920458441	1.448116981	1	1.401092981	2.100548363	2.3179432		
1.168102343	1	1.086480497	1.098038355	0.847663501	0.913320783		
1.232451124	1	1.101254775	1.116673206	1.041789089	1.084926439		
1.50369576	1	0.997253546	0.931778116	0.878359086	1.171265213		
0.961550835	1.299425988						
YFL011W	YFL011W::HXT10::high-affinity hexose transporter					1	
1.451543162	1.01116992	1.372946912	0.854555047	1	1.364354852		
1.303649933	0.922094427	0.905638023	1	1.656373722	0.647258475		
0.876337421	0.635300722	1	7.712418396	5.540935831	2.469476332	1	
1.431363061		1	1.019426733	0.844918502			
0.796479048	0.75646449	1	0.685541425			1	
1.730562399	0.973729947	0.69116085	2.18679048	0.75216104			
YOR132W	YOR132W::VPS17::Peripheral membrane protein required for vacuolar protein sorting						
	1	0.898151635	1.037430794	1.089146133	1.066274492	1	
1.176646703	1.237673686	1.149821285	0.92025442	1	1.29446849		
1.291367892	1.329692837	1.122645249	1	2.069942332	1.960191734		
1.844101727	0.97412382	1	1.311860561	1.767769043	0.859313708	1	
1.162085684	1.354942082	1.324065335	0.999918301	1.084612425	1		
1.27356839	1.214892301	1.310620855	1.075378083	0.757418938	1		
1.120689372	1.187475945	1.17603435	0.943335139	0.986465121	0.910648927		
YFL013C	YFL013C::IES1::Hypothetical ORF					1	
	0.798991994	0.805720732	1	0.710657432	0.798884788	0.841451919	1
0.74185299	0.891527445	0.614667876	0.972297857	1	0.997302753		
0.316007672	0.746247045	0.813370642	1	1.125665081	2.129632062		
2.039129874	1.670098681	1	0.935158649	1.117082523	0.798392929		
0.736270912	0.965130498	1	1.145258183	1.150097566	1.24257431		
1.20989536	0.994110441	1	1.186752008	1.337842863	1.282943003		
1.002469866	1.65559307	0.872121497					
YOR134W	YOR134W::BAG7::Structural homolog of SAC7					1	1.803472005
1.335552851	1.5215618	1.372540023	1	1.259143845	1.309101343		
1.514383139	1	1.592884997	1.655666407	1.736661545	1.385486281	1	

	0.721758606	0.828348655		0.547158489		
	0.910726253		0.785339552	0.899459678	1	
		0.882886463	1.005769191		1.108331282	0.904673894
	1.324819122					
YFL027C	YFL027C::GYP8::GAP for Ypt protein	1		0.768544489	0.776770268	
	0.944530388	0.932001284	1	0.791796478	0.858621651	0.96117963 1
	0.875728625	0.865562911	0.839849444	1	0.747770576	3.183958427
	0.995394314	1.336002424	1	1.612697228	3.679861137	2.976938135
	2.943825861	1	1.017776924	1.175028197	0.847736966	1.043201388 1
	1.20368124	1.062491257	1.213582731	1.110121595	1.135458137	1
	1.559244779	1.337438766	1.184231698	1.07838626	1.197846855	1.143564939
YOR136W	YOR136W::IDH2::NAD+-dependent isocitrate dehydrogenase					1
	1.022916685	1.088519312	0.968876179	0.836035724	1	1.015570787
	1.08028594	0.859298328	0.72386266	1	0.936983705	1.043125504
	1.124260558	0.779208209	1	2.69798275	2.021108866	3.203156597
	2.091023927	1	1.401076331	1.140757044	2.052340638	1.773450617 1
	1.034529474	0.962432572	1.711525236	1.00956071	0.760331332	1
	1.022890486	1.238128277	1.420651284	2.230138286	0.964825493	1
	1.214836785	1.214957595	1.238896856	1.014194948	1.758071686	0.755663491
YFL029C	YFL029C::CAK1::binds and phosphorylates Cdc28p					0.965328983
	0.933830752		0.876177236		0.672209771	0.847493803
	0.989823848	1.201566551	1.346187974	1.064161055		0.533300281
				1	0.853533619	1.119483252
	1.199032335	0.661192266	0.824859565	1	1.607586791	1.871911378
	1.708664541	2.193108688	1.860318487	1	0.808349837	1.130117937
	0.843318152	1.087466429	2.382203352	1.195226768		
YOR138C	YOR138C::YOR138C::molecular_function unknown					1 0.943963726
	1.084094043	1.114505503	0.7315871	1	1.106939658	1.14065575
	1.110222919	0.966296035	1	1.174702074	1.32564898	1.149294703
	1.317681047	1	1.340049505	1.039499628	1.059438379	0.781443335 1
	1.158199852		0.891073884	0.782290217	1	0.868655351 0.9551251
	1.184026166	1.023018268	0.997873187	1	0.944700319	0.942303504
	0.929342971	0.952710789	0.727203386	1	1.201405014	0.954173527
	1.109763828	0.788684459	1.002390583	0.762668497		
YFL031W	YFL031W::HAC1::Transcription factor that is required for the unfolded protein-response pathway; binds to CRE motif; homologous to ATF/CREB					1
	1	0.89661035	0.6891695	1.530539554	0.542522837	1 1.116474998
	1.358615935	1.070572085	1.583393313	1	1.078368943	1.13363969
	1.476512651	1.499563724	1	0.577590605	0.80316373	0.697127989
	0.295059142	1	0.630300589	0.473809721	0.28937862	0.319375976 1
	0.873545624	0.825567816	0.762526849	1.67474795	0.86457459	1
	0.819441972	0.329889916	0.815864594	1.081056935	0.187099514	1
	0.62255829	0.264554248	0.75819597	0.48248904	0.751653586	0.381772055
YFL033C	YFL033C::RIM15::RIM15 is glucose-repressed; RIM15 is required for					IME2 expression
				0.96902287	0.694678996	1.447999022 0.605981828
	1.134452108	1.267532876	0.826787537	0.749610754		1.100742001
	1.180412232	0.671925436	0.911438753		2.059674563	2.010244771
	2.436927203		1	0.481330699	0.862116301	0.882746095 1
	1.083373057	0.992997749		1.108317933	1.030225625	1
	0.635850827	0.861301466	0.699992609	0.457656274	1	0.73187881
	0.574737798	0.859413762	0.359469064	0.859908851	0.704001714	
YFL035C	YFL035C					1 0.877442571 1
	0.831815909	0.885827082	1.045965622	0.895767936	1	0.78825248
	0.874879672	1.148126576	0.974174589	1	0.438222006	0.529268022
	0.456210585	0.735025347	1	0.750071519	1.600545823	1.664469212
	1.209065914	1	1.007823096	0.84589982	0.594798139	0.753925641
	1.03668138	1	0.942971338	0.979431698	0.723521863	0.989076822

1.456305111 1 0.909535289 0.844115019 1.117489389 0.715897113
 1.411857174 1.107664347
 YDR387C YDR387C::YDR387C::molecular_function unknown 1 1.069775238
 0.721146436 0.892075891 0.619105639 1 0.955824845 0.952468626
 0.772181098 1 1.181442784 0.99496503 1.01235283 0.825218352 1
 1.33529752 1.116632803 1 1.701251579 1.517828741 1.280056883
 0.896281802 1 1.201799288 1.300748945 1.472789067 1.303450864
 1.109000482 1 0.830295797 0.844763833 0.958949442 0.652962536
 0.48981986 1 1.128341236 0.919541548 0.912101827 0.336759617
 0.884656468 0.881753341
 YFL037W YFL037W::TUB2::beta subunit of tubulin monomer; involved in
 chromosome segregation and nuclear migration 1 0.938699436 0.608531809
 0.826870532 0.475621535 1 0.922186664 0.865542558 0.590465963
 0.748809701 1 0.937523545 0.748462087 0.532909795 0.643221754 1
 1.583030499 0.79103121 0.96631221 0.578397453 1 0.747357439
 0.561569427 0.456035199 0.562724997 1 1.077643058 0.794021076
 0.968112817 1.087210988 0.682044068 1 0.950939465 0.73893596
 0.770262077 0.717257263 0.535435119 1 0.969167741 0.785813928
 0.869459005 0.706786902 0.891226843 0.891385238
 YDR389W YDR389W::SAC7::Suppressor of actin mutation 1 1.047114785
 0.99696158 0.936048455 1 1.013112762 1.167611608 0.912883455
 1.077643792 1 1.04140764 0.738688636 1.126397542
 1 0.82013546 0.689038752
 0.789785182 0.91456933 0.658180623 1 0.856499528 0.779681825
 1.08973822 0.939317002 0.563143089 1 0.857218167 1.037648635
 1.182864559 0.483244477 0.863630798 0.808200933
 YDR403W "YDR403W::DIT1::Disp. for spores & spore viability - required for
 dityrosine accumul. in the outer spore wall (s.w.), s.w. maturation & resist. to
 ether & lytic enzymes. Spore-autonomous function in heterozygotes. mRNA is trans.
 mid/late in s.w. formation" 0.920230858
 0.966440245 1.230589143 1
 1.457614859 1.528801019 1 1.623121794 2.073482992 1.170873451 1
 1.040139827 0.857868323 1.184521645 1.178900079 1.116647971
 0.877475765 1.224963813 1 0.828671902 1.39156055
 0.966688872
 YDR405W YDR405W::MRP20::Involved in mitochondrial translation 1
 0.931917794 1.296147009 0.714125575 1 1.039367665 1.285233545
 0.973136277 1 1.103808965 1.31975847 2.12107082 0.958892407 1
 1.035105818 1.045702216 0.974700967 0.717126868 0.698886875
 0.529434246 1 0.947892394 0.963249997 0.980404901 0.84271058
 1.233053162 1 1.287512187 1.464997425 1.465241124 1.500558882
 1.555455722 1 1.033047862 1.157922254 1.381018446 0.68901324
 1.5089934 0.972818213
 YDR407C YDR407C::TRS120::targeting complex (TRAPP) component involved in ER
 to Golgi membrane traffic 1 0.997716273 0.774231296 0.939042633
 0.645049752 1 0.976445918 1.15671591 0.589886721 1
 1.09173431 0.946154467 1.448194091 1.17166162
 0.596879746 1 1.403744642 1.330242339 1 1.053066301
 1.06159242 1.160830189 0.967748155 1.087740015 1 1.038929464
 0.786774981 0.891377084 0.675200752 0.591723522 1 1.051683079
 1.011726979 1.041709113 0.488343787 0.699102977
 YDR409W YDR409W::SIZ1::Sap and mIZ. Contains two known protein motifs: SAP
 (DNA binding) and MIZ-finger; ubiquitin-like protein ligase 1
 1.078607396 0.851835893 1.02981247 0.758700952 1.061808425
 0.942411735 0.848732813 1.051311079 1.093679419 0.974584034
 0.911438753 1 1
 0.930529513 0.973447771 1.058495984 1.193041214 1 0.701327318

0.730029289 0.694357347 0.897978958 1 1.024233646 0.959855364
 0.868375493 0.672532316 1.113039546 1.034987604
 YDR411C YDR411C::YDR411C::molecular_function unknown 1 1.047501803
 0.989692541 0.784344816 0.66878654 1 1.006728104 1.166785828
 0.811736774 0.796521141 1 1.118417563 1.168144432 0.641002633
 0.781761085 1 1.130800959 1.222819901 1.206317123 1.103533779 1
 1.184339765 1.22331702 1.191046632 1 1.148189703 1.077676515
 0.947897697 1.208335617 1.151300786 1 0.78628936 0.790701025
 1.126734932 0.835741 0.874052094 1 0.938602583 0.825727581
 0.98819483 0.895166851 1.367468071 1.081395653
 YDR413C YDR413C::YDR413C::molecular_function unknown 1 1.089569212
 1.168268581 1.029478776 1.374458731 1 0.805902705 0.908064922
 1.22880478 1.143545378 1 0.738368437 1.474624328 1.212395933
 1.219187656 1 1
 0.711309517 0.758111931 0.542726707 0.649028539 0.858664149 1
 1.003204481 1.191231149 0.783360647 1.207126602 2.362424333 1
 0.791914141 0.787128835 0.869001503 0.989272605 0.933773019 1.083146878
 YDR427W YDR427W::RPN9::Regulatory Particle Non-ATPase 1 1.652692257
 1.487165757 1.288697678 1.611182338 1 1.458567697 1.161728286
 1.457953154 1.392756056 1 1.141738358 1.364534922 1.937999962
 2.99336244 0.779984844 0.560547056
 1 1.096905045 1.004763741 0.869157711 0.957182661 1.290961632 1
 0.992160397 1.363560495 1.270295158 0.888791456 1.083812404 1
 1.032452331 1.189450221 1.051866471 0.906205429 1.003467084 1.183843646
 YDR429C YDR429C::TIF35::Translation initiation factor 3 p33 subunit 1
 0.998587494 1.011138617 0.911126657 1.25960363 1 0.896985394
 0.915075416 1.269371851 1.110827104 1 0.977781003 0.706380458
 0.671488863 1 0.752525469 0.80064589 0.425251521 0.863013575 1
 1.188375056 0.591905504 0.770665791 1.093275137 1 0.852925996
 1.099784758 0.813896486 0.777682019 1.049400111 1 1.190892817
 1.591458547 1.199516508 1.012183889 1.56344203 1 1.009370648
 0.825127919 0.756707054 1.001215181 0.771077473 1.119923134
 YOR140W YOR140W::SFL1::Transcription factor with domains homologous to myc
 oncoprotein and yeast Hsflp required for normal cell surface assembly and
 flocculence 1 0.809310121 0.777101281 0.843141793 0.595046809 1
 0.900803942 0.965228649 0.808211884 0.718481009 1 0.922937615
 0.779379434 0.65333237 0.885571229 1 0.556382531 0.484186603
 0.752244677 0.763722082 1 0.969429026 0.945065097 0.818773291
 1.01844203 1 0.876621291 0.78051217 0.92710155 1.161197637
 0.806141499 1 0.628155256 0.49963704 0.544770666 0.862946933
 0.508175586 1 0.712644034 0.634220761 1.027746986 0.512234103
 0.905114738 0.676857354
 YOR154W YOR154W::YOR154W::molecular_function unknown 1 0.830326775
 0.717170127 1.020042274 0.976133326 1 0.774104018 0.796422077
 1.085886059 0.855052466 1 0.641141201 0.686449725 0.633695019
 0.939333466 1 0.686558129 0.468166166 0.504964957 1
 0.818207918 1.452711167 1 0.699585749 0.576754173
 0.807390219 0.823039587 0.891350866 1 0.525962915 0.639114792
 0.36330473 1.155950983 1.28761778 1 0.514750961 1.225513425
 0.870090394 0.685046242 0.718887286
 YOR156C YOR156C::NFI1::Interacts with C-terminus of CDC12. Contains two
 known protein motifs: SAP (DNA binding) and MIZ-finger 1 1.787041834
 1.67625279 1.578765909 1.513099526 1 1.74475562 1.695782786
 1.923024192 1.562608737 1 1.917144039 1.730871639 1.744067986
 1.519840565 0.846951584 0.288342815 1
 1 1.100980706 1.224528778 1.045463661 0.993037284 0.975454575 1

1.098139823 1.052187687 1.238811608 1.081972286 0.819855212 1
1.239948604 1.182495299 1.24676567 0.629905457 1.179971379 0.915902707
YMR104C YMR104C::YPK2::protein kinase 1 0.97102678 1.030985798
1.349695003 0.620390799 1 1.206913379 1.640724742 0.766498668 1
1.243066847 1.479968551 1.022653157 1.165964646 1 2.178054134
2.365039821 1.099184461 1.335299497 0.984032715 0.627276342 1
0.956541715 0.956663593 0.974823256 0.951544757 0.954947178 1
1.087255341 0.501522574 0.891886265 0.957916718 0.480197148 1
0.973201959 0.610939727 0.808798146 0.637711123 0.95816336 0.851982143
YOR158W YOR158W::PET123::May be component of mitochondrial translation
appartus and may interact with small subunit of mitochondrial ribosomes or with
Pet122p to promote translational initiation of cytochrome c oxidase subunit III
mRNA 1 1.53974563 1.408098766 1.85721055 1 1.396646396
1.359977427 1.640542991 1.661121047 1 1.165184898 1.292418193
1.530533286 1.242413174 1.077769121 1.027267074 0.675668991
1.030997908 1 0.977439339 1.081180847 0.88494172
0.72621113 1.069192395 1 1.379470606 1.50203574 1.208415734
1.072755709 1.579803936 1 1.401214249 1.365668701 1.054336272
1.668112433 1.682073707
YMR121C YMR121C::RPL15B::Homology to rat L15 1 1.203902004
1.241670351 1.153026234 1.856514588 1 1.175541126 1.052723611
1.36631236 1.470666892 1 1.001994948 1.071471343 0.822388999
1.129736689 1 0.86081186 0.505012153 0.248774235 0.637571932 1
1.200076964 0.510124199 0.415286586 0.650754506 1 1.13396382
1.11676474 1.384452536 1.875103173 1.669043095 1 1.174899939
1.131353542 0.700728391 0.658818343 0.642173237 1 1.273518619
0.958493343 0.909756435 1.3980738 1.064592845 0.78018096
YOR160W YOR160W::MTR10::Protein involved in mRNA transport from nucleus to
cytoplasm 1 1.123833547 0.771339733 1.101988448 0.790021777 1
1.045890143 1.216180358 0.911968852 0.807077412 1 0.924831676
0.829303754 0.785660198 0.937498602
1 0.91894983 0.939004796 0.906123106 1.053102586
0.870477101 1 1.010567904 0.730178237 0.690176593 1.004805851
0.579538502 1 0.911438099 0.647420338 0.866054303 0.696967172
0.77619308 0.746031646
YMR123W YMR123W::PKR1::Pichia farinosa Killer toxin Resistance 1
1.063439875 1.279541918 0.781596068 1.537503776 1 0.882931158
0.935117634 1.295754818 1.20198089 1 1.056138259 0.93130362
1.151954084 1.015518995 1 0.649642782 0.299007312 0.446984731
1.006067728 1 0.97229417 1.167813546 0.783608138 0.759587759 1
1.239647946 1.285151653 0.923376156 0.986329191 0.992513627 1
0.949163409 1.271721284 0.729479071 0.967599419 1.407789704 1
0.931311675 1.020635973 0.936091367 1.689356496 0.66324451 1.057753744
YOR162C YOR162C::YRR1::Yeast Reveromycin-A Resistant 1 1.119945455
0.997668782 1.240602302 0.948147279 1 1.146023006 1.279607542
1.059688557 0.935096527 1 1.740363769 1.567185253 0.944046241
1.260450612 1 2.127449725 1.415883439 0.856826914
0.501578393 1 1.316580501 1.548696858 1.547456831 1.050039195
1.009278435 1 1.352474647 1.052695103 1.226543169 1.062374222
0.712812415 1 1.411749934 1.537868373 1.349298296 0.965928174
0.950417399 1.047246286
YMR125W YMR125W::STO1::Large subunit of the nuclear cap-binding protein
complex 1 1.179866667 0.939421159 1.555057811 1 1.45152013
1.416843102 0.998195238 0.902549558 1 1.05203944 1.055967343
0.580149736 1.149284679 1 0.531333648 0.872836369 0.592073455 1
0.900846817 0.859324164 0.642676639 1 0.935481127 1.012401566
1.163445091 1.18471277 1.135552509 1 1.032064719 0.860241238

0.765264651 0.91182729 0.641159213 1 0.933730031 0.804334665
 0.942934902 0.997968618 0.821596819 0.857235872
 YOR164C YOR164C::YOR164C::molecular_function unknown 1 1.335748284
 1.132481393 1.285426887 1.369799308 1 1.172952158 1.444998196
 1.376604892 1.304020077 1 1.337267641 1.125798644 1.303779749
 0.452860961 1
 1.195671936 1.505472577 1.524181595 0.875672123 0.822496368 1
 1.866246437 3.511086889 2.792188275 2.532086186 2.025308384 1
 3.730087241 0.931635851 1.317806165 0.662465439 1.902731037
 YMR127C "YMR127C::SAS2::Protein involved in silencing HMR, homologous to
 acetyltransferases" 1 1.083936905 1.028641446 1.120194507 1.361172752 1
 0.979793952 1.45954069 1.433029224 1 0.85820264 0.84141925
 1.004611152 1.459952054 1 0.661666145 0.524419119 0.747955805
 1.121340001 1 1.059155732 1.777797619 1.521634784 1.318761812 1
 0.858224583 0.787630738 0.70695688 0.798684603 0.916623896 1
 0.799574527 1.034079262 0.570182539 0.952042389 1.126960378 1
 0.908849838 1.114374371 0.928349178 1.29067994 0.912822862 1.427267116
 YOR178C "YOR178C::GAC1::Regulatory subunit for phosphoprotein phosphatase
 type 1 (PP-1), also known as Glc7p, which regulates glycogen synthase-2" 1
 1.233106912 1.27027721 1.401622224 1.280971923 1 1.231995758
 1.316472439 1.206146215 1.194345968 1 1.398143433 1.332963279
 1.273123128 1 2.252577877 1.738774938 0.556471809
 0.506553217 1 0.923091671 1.031573817 0.955901064
 0.90555413 1.100154921 0.979204122 0.881126796 1.118747507
 1.055799393 1.527376822 1 0.866641123 0.84002777 0.918879663
 1.197020025 1.088400659
 YMR129W YMR129W::POM152::May be involved in duplication of nuclear pores and
 nuclear pore complexes during S-phase 1 1.35502535 0.991447154
 1.67939736 0.979098044 1 1.606510107 1.395910925 0.890652338
 0.696953618 1 1.217046869 1.202277877 0.448668483 1.195049578
 1.603623714 1
 1.139998043 0.934147682 1.030818367 1.383249503 0.972186737 1
 1.270377344 0.958531582 0.61181277 1.055630012 0.593721786 1
 0.858021104 0.68982886 0.817569937 0.843648381 0.609760579 0.827464674
 YOR180C "YOR180C::DCI1::Delta(3,5)-delta(2,4)-dienoyl-CoA isomerase" 1
 0.895196012 0.869413806 0.900004513 0.765608223 1 1.018588211
 0.919423025 0.823134995 0.981571479 1 0.792869037 0.898811959
 0.857507649 0.797939136 1 0.718284807 0.68804039 1.027203357
 1.175042293 1 0.891997312 1.448859989 1.141095443 0.902157683 1
 1.013460003 1.16296526 1.210856982 1.293686404 1.153346505 1
 1.026022677 1.208915386 0.988361681 1.00475855 0.831469739 1
 0.85921175 0.991214478 1.053068995 0.90588094 0.944637092 0.944798293
 YOR180C "YOR180C::DCI1::Delta(3,5)-delta(2,4)-dienoyl-CoA isomerase" 1
 1.234131621 1.112109465 1.237329026 1.12655379 1 1.076873653
 1.083401945 1.132980048 1.228208051 1 1.057550066 1.054970187
 1.065177998 1.226263242 0.757602834
 0.773006859 1 0.992973598 0.951963547 1.176829979
 1.186281353 1.068776756 1 0.903034959 0.711994794 0.762270995
 0.808401518 1 0.878573838 0.777163983 0.960342471 1.045291415
 1.073789749 1.029733823
 YMR131C YMR131C::RRB1::RiboSome Assembly 2 1 0.994632488 0.75211825
 1.163023282 1.088812033 1 1.039232889 0.904993747 0.933499352
 1.039533342 1 0.721029395 0.473288815 0.403479718 1.137273715 1
 0.481430879 0.131842746 0.335181911 1 0.349212505 0.088810275
 0.058473434 0.37060418 1 0.858639454 0.647090763 0.749822354
 1.012994112 0.916769909 1 0.913311248 0.664882808 0.403602505

	0.804133697	0.892608509	1	0.674761494	0.571873047	0.686777459	
	1.026801202	0.398827661	0.774927232				
YOR182C	YOR182C::RPS30B::Homology to mammalian S30					1	0.805040752
	1.307466748	0.783464115	1.67226489	1	0.788897107	0.817410429	
	1.385191568	1.158471554	1	0.707557055	0.865036402	0.968730513	
	0.850895442	1	0.845457458	0.346409282	0.418645638	0.599359481	
	1.670921078	1.758765645	1.031815047	0.818516017	1	0.709367679	
	0.889133202	0.602461615	0.611547318	1.025444778	1	1.489115301	
	2.23279585	1.311117916	1.536961223	2.833937776	1	0.771615612	
	1.352671109	1.152411058	1.855018735	1.403478895	1.357217158		
YMR147W	YMR147W::YMR147W::molecular_function unknown					1	1.175424139
	0.817557199	1.100657639	0.765320765	1	0.98916036	1.019523407	
	0.676929612	0.982266099	1	1.28235457	0.911900522	0.84406	
	1.034821057	1		0.698502687	0.598772459	1	
	0.709725572	0.441129279	1	1.005333283	0.900565612	0.912661753	
	1.205924067	1.051998421	1	1.14914827	0.72656347	0.840745239	
	1.13034242	1	0.875766708	0.702790781	0.91591698	0.831263165	
	0.709211979						
YMR149W	"YMR149W::SWP1::oligosaccharyl transferase glycoprotein complex, delta subunit"					1	1.366803198
	0.968244726	0.862666704	0.860343707	1.004185502	1	1.190101569	
	0.977179121	0.976371331	0.924310827	1	1.412609303	0.909054516	
	0.797865243	0.85875646	1	0.877466959	0.59514926	0.582498757	
	0.886737652	1	1.327288374	1.329190415	1.476807614	0.961489502	
	1.053996421	1	1.077813491	1.120089171	1.011254451	0.716688201	
	0.947736884	1	0.953051405	1.303219519	0.987650761	0.756035955	
	1.059505073						
YMR151W	YMR151W::YIM2::Product of gene unknown					1	1.131552789
	0.883722794	1.005213242	0.803733529		0.857195429	0.929231189	
	0.902311372	0.820235213		1.083102259	1.082092115	1.101362625	
	0.866001268	1.282584826					
	0.734972077	0.801669264	0.881004251		0.932950223	0.805316573	
	0.971186721	0.837143066	0.78422892	0.807710553	1	1.053221937	
	1.108842653	1.189220176	0.835337335	1.14013451	0.951803299		
YOR184W	YOR184W::SER1::phosphoserine transaminase					1	1.156233455
	0.982752046	0.978912781	0.86649503	1	0.983005095	1.016619456	
	0.950708133	1.026267295	1	1.215746646	1.359979536	0.772074068	
	0.759023648	1	1.778136982	1.330865316	0.867811876	0.680079703	
	1.534814034	1.045346451	0.684730168	0.912916299	1	1.107650465	
	1.201327641	1.422251397	1.392235776	1.177877484	1	1.162277105	
	1.094039387	1.182893202	1.151884769	2.821941318	1	1.042097903	
	1.201771282	1.194274349	1.736265548	3.188816513	0.886131457		
YOR186W	YOR186W::YOR186W::molecular_function unknown					1	
	1.779558084	1	1.406119664	1.475966043	2.010711848	1	
	1.768917855	3.337591958	1	1.444981543	1.819176246		
	0.907683811	1	1.103862196	1.98585513	1.840591765	1	
	1.164522486		1.244212306		0.651108942		
	1		1.114164316		1.116420579		
YMR052CA	YMR052CA::YMR052C-A::molecular_function unknown					1	0.979225201
	1.550212822	1.129226997	1.762913698	1	1.018048928	1.010773267	
	1.641961275	1.417052794	1	1.150232069	1.502009349	1.20591414	
	1.794610787	1	1.39313638	4.634332044	0.93720934	1.018626406	
	0.72411185	1.218858747	0.713598222	0.546828425	1	0.768480718	
	1.12253754	0.732268991	0.596417304	0.907061918	1	1.548284332	
	1.692685932	1.948839615	2.032238353	2.210450301	1	1.221919181	
	1.274800986	1.334163458	0.967875208	1.933017932	1.065634415		

YOR188W YOR188W::MSB1::Protein that may play a role in polarity establishment and bud formation 1 0.993504278 0.953130174 1.315365505
 0.862068739 1 1.135429506 1.09717962 0.975299974 0.908425501 1
 0.993849942 0.733436675 0.657307124 1.07665846 0.969806123
 1 0.783371298 0.685243877
 0.737700442 0.818501847 0.873681187 1 0.766338358 0.62682694
 0.623126496 1.1198082 0.505231416 1 0.66888689 0.694786512
 0.977645017 0.599881132 0.719296383 0.648837381
 YMR153W YMR153W::NUP53::Component of karyopherin docking complex of the nuclear pore complex 1 1.153561789 1.146551545 1.138969049 1.097236127 1
 1.169462609 1.094026421 1.084569491 1.122162967 1 0.91814536
 1.022804401 0.849695579 1.158334318 1 0.95992033 0.814827336
 0.77295447 1 1.031198355 1.21122236 0.78170457 1
 1.052460354 1.059096406 1.008053042 0.981496039 1.021793578 1
 0.983506004 0.848603811 0.738442245 0.855949302 0.945069697 1
 0.935767564 0.875864662 0.843216437 1.136202136 0.894862533 1.224998019
 YMR084W YMR084W::YMR084W::molecular_function unknown 2.352188002 0.905638622
 0.91241773 1 0.989853754 1.185569769 1.104001613 1
 3.397265745 3.881721246 1 0.87355344 1.324146078
 1.040857382 1.010287582 1.163250312 1 0.740441778
 1.223017139 1 0.898237805 0.887171402 0.071442336
 1.108979544 0.688240476
 YOR202W YOR202W::HIS3::imidazoleglycerol-phosphate dehydratase 1
 1.629788944 1.429861023 1.043779939 1.100989098 1 1.06204349
 1.366148497 1.269817481 1.150131641 1 1.77261914 2.284937493
 0.999050237 0.748534039 1.06753121 0.529490102
 0.746970273 0.574270916 1 1.087642914 0.921927753 0.792943065
 0.971163289 0.896928481 1 1.037817513 1.446288103 0.719195072
 0.709413848 2.64961126 1 1.432361178 1.495111606 1.07341874
 1.535480462 2.038366458 1.302928543
 YMR155W YMR155W::YMR155W::molecular_function unknown 1 1.33368168
 0.990438686 1.233983348 0.898100284 1 1.424134035 1.217160214
 0.977838611 0.886268848 1 1.070449148 1.142074694 0.948645149
 0.977037447 1 1.588227467 0.974486002
 0.773807517 1 1.200296462 1.314383241 1.516390612
 1.278648047 1.016929341 1 0.985239133 0.915567217 0.863187674
 0.706334537 0.673639491 1 1.008454018 0.840983036 0.940008095
 0.970620124 1.075962334
 YMR086CA YMR086CA::YMR086C-A::molecular_function unknown 1 1.190327491
 1.460143679 1.184602986 1.331800029 1 1.09757249 1.1028364
 1.435633089 1.348467493 1 1.397760271 1.033991908 1.394179003
 1.173893737 1 2.175470442 1.775181155 1.074866127 1
 0.496887891 3.263291962 2.070907819 1.019043176 1 0.780969631
 0.997834519 0.671351276 0.506350788 0.740787855 1 0.971312621
 1.452288176 1.337517686 1.194126181 1.676520089 1 0.924663315
 1.998076845 1.23957061 1.209612364 1.56788598 0.872121497
 YOR204W "YOR204W::DED1::ATP-dependent RNA helicase of DEAD box family; suppressor of a pre-mRNA splicing mutation, prp8-1" 1 1.47773647
 0.775112094 1.875958241 0.606588632 1 1.469220493 1.393617014
 0.885399581 0.989774874 1 1.135490976 0.846955795 0.582595228
 0.866972899 1.861432 2.245415707 1
 1 0.549001984 0.381687592 0.708850741 1.072786606 0.470883574 1
 0.605936502 0.383137942 0.492439285 0.568589512 0.16456255 1
 0.785012177 0.382064344 0.670700054 0.423314437 0.489688793 0.438687613
 YMR157C YMR157C::YMR157C::molecular_function unknown 1 1.280871922
 1.361569508 1.335260719 1.722897506 1 1.154240379 1.200528079

1.629459784	1.673833685	1	1.255901813	1.232952479	1.663574597		
1.152341988	1	1.403368429	1.092534204	1.078209972	1.214975257	1	
1.39405563	1.086169362	1.687394683	0.91257131	1	1.164849332		
1.272276338	1.014457459	0.995622368	1.065886279	1	1.186046969		
1.486793901	0.859164969	0.830340038	1.125905858	1	1.617004337		
1.589571456	1.062593342	1.488639945	1.207485451				
YOR206W	YOR206W::NOC2::Nucleolar Complex 2; involved in nuclear export of pre-ribosomes						
1	1.071770832	0.789208186	1.060365331	1.243952498	1		
0.957200408	0.838062271	0.957403947	1.07606436	1	0.631089901		
0.39726143	0.440046465	1.002709898			1		
	1	0.64190947	0.448889965	0.517290399	0.664302982		
0.761107119	1	0.761170239	0.642241445	0.40132499	0.976979367		
0.874611449	1	0.633694398	0.643152341	0.805157464	0.892164372		
0.494057812	0.764419775						
YMR173W	YMR173W::DDR48::DNA damage inducible; implicated in the production or recovery of mutations						
1	1.418337989	1.394187095	1.662774471				
1.36255233	1	1.475814883	1.548130125	1.453807666	1.438181076	1	
2.256510755	3.14582322	2.284022006	1.616444945	1	4.206402706		
4.257670349	4.476454858	3.589105804	1	1.840701557	1.603763732		
2.176248923	2.346377573	1	1.982930227	2.954894374	4.637675669		
1.341928876	0.90924202	1	3.42631097	8.796580915	6.592691316		
5.86089543	2.195577495	1	4.267388709	6.452997763	6.835205705		
2.111494255	2.240082643	2.339667268					
YOR208W	YOR208W::PTP2::protein tyrosine phosphatase						
1			1	0.747002104			
0.800089074	0.868446531	0.860520493	1	0.933525261	0.920352662		
0.594968857	1	0.922796437	0.91440108	0.78144582	0.878679574	1	
1.124917398	1.406541026	0.827528783		1	0.987613773	0.777055035	
1.027804057	1.032934919	1	0.974322199	0.940498066	0.868018718		
0.816465855	0.707934762	1	1.162037076	1.075708995	0.952068458		
1.164803472	1.022573774	1	1.338268076	1.126191254	1.004063399		
0.911835797	1.26480493	1.086649433					
YMR177W	YMR177W::MMT1::Protein involved in mitochondrial iron accumulation						
1	0.848880198	0.647228783	0.83116461	0.860963112	1	0.840057048	
0.68346863		0.845454521	1	0.888737151	0.584308258	0.419345309	
1.037503374	1	1.137907274		0.509194334	0.753945441		
	0.892536992	1	0.943949007	0.9084654	0.7831658	0.783164817	
1.147196641	1	1.343146552	1.042782902		1.139493417	0.847139597	1
1.216038128	1.354684803	1.06236427	0.909904606	0.789522887	0.999962573		
YOR210W	YOR210W::RPB10::RNA polymerase II subunit						
				0.866826043			
1.109208706	0.678714615	1.274617683		0.682850605	0.678800044		
1.181882186	1.107689236		0.747491846	0.771075664	0.706982452		
0.898711885	1	0.861080827	0.375527289	0.431585586	0.852601261	1	
1.762543925	1.793251657	1.472973961	1.101811717	1	0.941920556		
0.967141031	0.571832146	0.789505871	1.117098541	1	0.891997308		
1.239842575	0.808612498	1.031637809	1.978598156	1	0.838192538		
1.143093449	0.88629993	1.612532916	1.230647287	1.407127762			
YMR179W	YMR179W::SPT21::involved in transcriptional regulation of Ty1 LTRs						
0.840969056	0.805144346	0.986204805	0.980926913		0.812398493		
0.883761654	0.831386451		0.731818616	0.78799917	0.698802456		
1.234505165	1	5.364591965		1.167717568		0.24913174	
	1	0.855591493	1.171944661	1.103515589	0.669930669		
1.202462691	1	1.203309885	1.567569577	1.429634959	1.320821933		
0.947783753		0.985151274	1.443742426	0.918610753	0.906396119		
0.887027476	1.056002518						
YOR212W	YOR212W::STE4::beta subunit of G protein coupled to mating factor receptor						
1	0.98394083	0.845870655	1.003024007	0.841095807	1		
0.976459914	0.981235972	0.908252903	0.853911414	1	0.755158334		

0.818855139	0.603474109	0.877289912	1	0.804529535	0.716959453
0.639726184	0.828263819	1	1.220809529	0.70243337	0.805399654
0.972540542	1	0.887199262	0.946681975	1.090105891	1.115570607
1.068819866	1	0.786144639	1.016738805	1.117284458	1.333994118
1.573015822	1	0.85723122	1.014307844	1.146570847	1.154123238
1.303045808	1.128679366				
YMR181C	YMR181C::YMR181C::molecular_function	unknown	1	1.410922878	
1.34919936	1.154388056	1	1.205965752	1.257104255	1.321606449
1.297750831	1	1.670875948	1.643430929	2.827246424	1.569999811
2.569782311	2.543530359	2.372806861	1	1.718228156	1.899831477
2.245249949	1.323352769	1	1.408368208	1.561892899	1.389133355
1.22574671	1.203693936	1	1.299799949	1.855469321	1.895996616
1.508090534	2.173922597	1	0.97509202	1.548796578	1.129349658
1.523489442	1.347056802	1.351087817			
YOR226C	YOR226C::ISU2::Iron-sulfur cluster nifU-like protein	1			
1.264762453	1.558209043	1.095637364	1.532503171	1	1.045520648
1.162892627	1.569985807	1.468137809	1	5.431414043	3.261505834
1.677245133	1.858728776	1	8.430870347	3.613275221	2.260686389
2.787021571	1	9.414106547	4.578190689	2.472092219	2.198996503
7.089821571	8.657107061	6.670073728	1.320429983	1.094094459	1
4.784858299	7.774250305	5.710431012	3.259982691	1.895144221	1
5.780446628	6.130456669	1.25531937	1.063417351	1.193800889	2.565578378
YMR183C	YMR183C::SSO2::SSO1 and SSO2 encode syntaxin homologs (post-Golgi t-SNAREs); act in late stages of secretion	1	0.696566766	0.754842326	
0.710705028	0.772041872	1	0.67781059	0.711071376	0.691086918
0.721909436	1	0.798241649	0.809244819	0.743612151	0.825352668
1.012152951	1.079961399	0.787593986	0.715916963	1	1.342160421
0.745643762	1.13649435	1	1.197788878	1.557149263	1.438903591
1.385350259	1.112264555	1	1.073488396	1.138009469	1.318023911
1.267218818	0.973292242	1	1.022629612	1.092816732	1.337166928
1.016658635	1.076278071	0.890509573			
YMR185W	YMR185W::YMR185W::molecular_function	unknown	1	1.027783115	
0.77963519	0.986913697	1.043347958	1	0.843044418	0.940233238
0.863349954	0.980156332	1	0.757343482	0.711725811	0.593468615
1.238284317	1	0.897256005	1.070677379	0.788248521	1
1.266758834	1.096125542	0.745914888		0.857086996	0.712390364
0.883024937	0.937559692	0.992276207		0.745542731	0.898165158
0.718803492	1.140780628	1.082051379	1	0.767770536	0.887106039
1.289410846	1.250966663	0.778369744	0.87825089		
YMR200W	YMR200W::ROT1::Reversal of tor2 lethality	1	1.125234065		
1.075606631	1.030056613	1.045755527	1	1.033770501	0.988975446
1.194625807	1.018468724	1	1.216989225	1.267223118	1.262602369
1.347996795	1	1.431836849	1.14056213	1.152671033	1.301387092
1.530948542	0.71264809	1.078059137	1.634050509	1	1.061980519
1.198819353	1.491908618	1.300232903	1.179661648	1	1.024080006
1.224744026	1.095548742	1.048896429	1.043068355	1	0.95075611
0.93468813	1.17816124	1.15943909	0.878223607	1.12430125	
YIL039W	YIL039W::YIL039W::molecular_function	unknown	1	0.944755504	
0.809262464	1.006133607	0.670917252	1	0.9490383	0.826497715
1.047837843	0.913962249	1	0.956607184	0.940691273	0.720360909
1.084074161	1	0.817673459	1.701488671	1.462893444	0.532583047
0.837522919	0.411180562	0.400121748	0.505239933	1	1.000542304
1.021606613	1.121419602	1.114497267	1.042226923	1	0.902430014
0.717521781	0.783630975	0.843118431	0.65634286	1	0.726781298
0.633304426	0.934742167	0.62995164	0.790552569	0.900141469	
YIL053W	YIL053W::RHR2::DL-glycerol-3-phosphatase	1	0.957956972		
0.870012697	0.690487671	0.792782436	1	0.809442417	0.818813315

0.848590495	0.866847092	1	0.918381082	0.908963701	0.838293199		
0.805106892	1	1.465400194	1.054569542	0.563754412	0.797591244	1	
1.646591633	1.289724365	0.694181027	0.980488501	1	1.097057433		
0.977144459	0.764297866	1.281600052	0.98820045	1	0.878511548		
1.272287843	0.650400399	0.903333555	1.095429304	1	1.208227102		
1.432226197	0.69671066	1.138087225	0.919025419	1.465794598			
YIL055C	YIL055C::YIL055C::molecular_function	unknown	1	1.401285829			
1.40998849	1.241060392	1.487548969	1	1.101553638	1.268919069		
1.472702433	1.344237353	1	1.34758714	1.461698551	1.306156865		
					1	1.331447698	
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1.291853739	1.807873347	1.220891293			1.164682873	1.363851546	
1.04894719	1.050551105	0.921156488					
YIL057C	YIL057C::YIL057C::molecular_function	unknown	1	1.435955585			
1.388104494	1.105393213	1.224445467	1	1.064917053	0.966101158		
1.4234875	1.25828698	1	1.245050861	1.259448766	1.594715358		
0.911456934	1	2.367774013	2.151434057	4.21994779	1.443043867	1	
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1.198211661	1.012723056	1.107955388	0.875565531	1	1.013790061		
1.998793819	1.040758822	0.862704658	1.803508683	1	1.385272848		
2.866806139	1.348384595	2.088977066	2.017638165	1.850193439			
YOR228C	YOR228C::YOR228C::molecular_function	unknown	1	1.453955206			
1.346531126	1.311678466	1.111954727	1	1.519855169	1.508355676		
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1.230466859	1	1.852786199	1.329117426		1.076854489		
1.110391434	0.864271548	1	0.822791238	0.811225816			
1.237589616	1.028547717	1	0.777170737	0.522334333	0.620262873		
0.6658636	1.006332086	1	0.872070492	0.575444235	0.91157601		
0.69211391	1.359161894	0.98245011					
YIL059C	YIL059C::YIL059C::molecular_function	unknown		0.919771363			
1.069350114	0.896753077	1.10036111		0.966160917	0.831475206		
1.090458558	1.017240321		0.977767539	1.028100927	1.492258724		
0.932976526	1	1.481472686		1.548575812	1.693257691	1	
1.365623847	2.319472766	1.525012337	1.127497255	1	0.814597046		
1.074670369	1.011888229	0.947052859	0.991908664	1	0.939294715		
1.282947404	1.319020457	1.413840273					
0.48094489	1.129371815	1.240759256					
YOR230W	YOR230W::WTM1::WD	repeat containing transcriptional modulator	1	1			
1.334249225	0.947059974	1.421572007	0.666103818	1	1.577416386		
1.67739459	0.919898959	0.899253405	1	1.045159148	1.098186001		
0.828973916	1.113896316	1	1.048230089	1.062167091	1.14220857		
1.026032711	1	0.729013276	0.265724474	0.387247116	1.203271462	1	
0.978963929	0.609806575	0.631990006	1.732434042	1.282107323	1		
0.806817245	0.339387891	0.320397688	0.430152948	1.251986102	1		
0.912636173	0.408490374	0.820225164	1.411780708	1.794919126	0.808200933		
YIL061C	YIL061C::SNP1::U1snRNP	70K protein homolog	1	1.091487871			
0.847233857	1	0.953159885	0.970195417	1.013742586	0.955824477	1	
1.137450824	0.968878999	1.202370243	0.948420281				
	0.485457634		0.543567	1	1.061725781	1.035943397	
0.915763727	1.074133486	1	1.133352785	1.084885698	0.884463795		
1.109050752	1		0.974655428	1.041219076	0.654050038		
0.798890791	1.193475543						
YOR232W	YOR232W::MGE1::involved in protein import into mitochondria	1					
0.88968754	1.096750246	1.163232546	1.354018665	1	0.889325035		
1.011192709	1.232780053	1.342919271	1	0.831790926	0.992171838		
1.069447338	0.955609401		0.784593583	0.517939465	0.585292896		
0.658768224	1	1.612389981	1.413235488	1.878221673	1.197714335	1	

1.014663088 1.243924019 0.91538016 0.877527505 0.975092918 1
1.18349552 1.661432296 1.126492908 0.776975181 1.451175461 1
1.228166748 1.411684725 0.921981755 1.433436907 1.708854587 1.277535408
YIL063C YIL063C::YRB2::Ran-GTPase-binding protein involved in nuclear export
1 0.790351193 0.658334331 0.806261121 0.711172737 1 0.662675542
0.629048364 0.791415773 0.64768478 1 0.626521265 0.586244948
0.647683562 0.653238657
1 1.124797878 1.000401367 1.270927222 1.185249194 1.36005544 1
1.339895559 1.291457339 1.051778739 0.909349219 1 0.916139909
1.043457904 0.934534105 1.118710899 0.703304623 1.579625714
YMR203W YMR203W::TOM40::Translocase of Outer Mitochondrial membrane 1
1.327813821 0.915722937 1.021991661 0.827651372 1 1.25218901
0.755372398 1 1.219737793 0.930990108 0.772790732 0.624429771 1
0.846426833 0.725417367 0.703324676 0.801227088 1 0.430972882
0.353135763 0.407626338 0.572198431 1 1.907311384 1.265942575
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1.016112218 0.53597757 0.341460708 1 1.235656821 0.712203904
0.796659824 0.808425892 0.623080276 0.852857756
YOR234C YOR234C::RPL33B::Homology to rat L35a 1 0.936282258
1.131960854 0.830339344 1.702111051 1 0.867432381 1.305899668
1.33149231 1 0.906671741 0.744474153 1.299836267 1.09203942 1
0.497843221 0.723436698 0.193976289 0.51971858 1 1.166720597
0.787972391 0.822114217 1.185986446 1 0.975026743 0.908655907
0.820005335 1.01930745 1.357950865 1 1.152472939 1.321820549
1.057855684 0.894146739 1.90189498 1 0.941928614 1.006219746
0.853139464 1.519811786 0.984067933 1.12167436
YIL077C YIL077C::YIL077C::molecular_function unknown 1.014580489
1.224229404 0.888926089 1.100551727 1.531144567 1.013609681
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0.892893228 0.779523378 1.392246699 1.475897155 1 1.308993001
1.416358704 1.537255677 0.673998363 1 0.98637093 1.110444751
1.04032698 0.988321773 1.068382133 1 0.899120064 0.701363988
0.706640497 0.784325503 0.717844263 1 0.851263226 0.758822578
0.98043534 1.044674489 0.889634012
YMR205C YMR205C::PFK2::phosphofructokinase beta subunit 1 0.910291486
0.623839049 1.597091941 0.595445338 1 1.039909254 1.039851755
0.735490652 1 1.013287437 0.709965104 0.423782654 0.576771615 1
1.417742776 1.252516849 1.117635751 0.427476143 1 0.45072311
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0.753150173 0.634806639 0.642243694 0.566528741
YOR236W YOR236W::DFR1::dihydrofolate reductase 1 0.999675072
1.064475431 0.855442541 1.31654726 1 0.995585748 0.699696663
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YIL079C YIL079C::AIR1::<u>a</u>rginine methyltransferase-<u>i</u>nteracting
<u>R</u>ING finger protein 1 0.634251616 0.596787739 0.764121857
0.813570792 1 0.602041132 0.595211648 0.863607809 0.97778077 1
0.499313252 0.38574921 0.426978402 0.770554685 1 0.234965584
0.385778824 0.637378549 1 0.670940819 0.777868684 1.233853232 1
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 YMR207C YMR207C::HFA1::Similar to acetyl-coenzyme A carboxylase 1
 1.198591729 1.133077141 1.238794145 1.147780568 1 1.049651285
 1.10584095 1.197159489 0.940910943 1 1.020593777 1.005738715
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 1.093887989 1 1 1.177625587 1.012704817
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 0.95510318 0.85837168 1.103286232
 YOR250C YOR250C::CLP1::cleavage/polyadenylation factor IA subunit; interacts
 with Pcf11p in the 2-hybrid system 1 1.248192161 1.059314079 1.33565909
 1.127904998 1 1.268111548 1.421616168 1.097005953 1.022751225 1
 1.246237725 1.260837049 1.076785742 1.191404492 1 1.513847333
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 0.805141997 0.676043222 0.748929252 0.670751563 0.627605726 1.041116945
 YIL082W YIL082W::YIL082W::molecular_function unknown 1 1.251289952
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 1 1.038181767 1.074520536 1.11817878 0.95917703 0.80557815 1
 1.032058244 1.255720584 1.160933236 1.17458001 1.542097882 1
 1.113678581 0.868373984 0.80119729 0.979087915 1.031717678 1.350212256
 YMR209C YMR209C::YMR209C::molecular_function unknown 1 1.104887352
 1.036799636 1.178783112 1.106524933 1 1.138242595 1.033928116
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 0.993682011 1 0.850657744 0.632186315 0.683167983 0.829103774 1
 0.647274229 0.462789442 0.61891507 0.645346243 1 0.991090338
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 YOR252W YOR252W::YOR252W::molecular_function unknown 1 0.825859987
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 0.879779731 1.657255422 2.603308092 1 0.752995263 1.099533202
 1.413499249 1.001132101 0.999962573
 YMR211W YMR211W::DML1::Drosophila melanogaster Misato-like 1
 1.245984122 1.05332306 1.264766234 1.278865912 1 1.225179722
 1.032941989 1.163917878 1.326179446 1 0.899569301 0.900146554
 0.831520795 1.248553471 1 1 0.493993623
 0.396206653 1 0.736964613 0.752271171 0.853730177 0.741464914
 0.715876854 1 1.550935181 1.275204111 1.755632942 3.087669014
 1.281634821 1 0.862735194 1.095944096 1.047180131 1.127664809
 0.446084954 0.686489198
 YOR254C YOR254C::SEC63::Protein involved in protein import into ER 1
 0.864137896 0.70493855 1.011169668 0.806649722 1 0.990665703
 0.833000255 0.68981563 0.703985404 1 0.79670913 0.676416294
 1.155448338 0.935090645 1 0.892040175 0.510407784 0.507575641
 1.824249726 0.893457009 0.900175671 1.620916855 1 1.086320466
 0.772076865 1.266556985 1.152188557 1.214039073 1 1.27793308
 0.930506452 1.298334792 0.682755122 1 1.044806618 0.754346435
 1.058228612 0.75719885 0.715181715 0.941295842

YMR226C YMR226C::YMR226C::molecular_function unknown 1 0.896966754
1.058722104 0.997478837 1.238017077 1 0.875298078 0.900925654
1.508614183 1.372397066 1 0.843626355 1.051140626 1.643130257
1.252110915 1 1.334475691 1.310756031 1.478536132 1.885002253 1
1.535984865 1.555255015 2.165945508 1.960794444 1 1.242649762
1.126157872 1.192182442 0.927042678 0.863548667 1 1.165540402
1.726461769 1.105490929 1.151024668 1.35107914 1 1.122766375
1.283533765 1.150675772 1.337176459 1.031514312 1.540222567
YOR256C YOR256C::YOR256C::molecular_function unknown 0.939471995
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1.333383007 1 1.228557549 0.784490973 1.042350555 0.714661334 1
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1.608599974 2.336427122 1.806227531 1.413729009 1 1.440485068
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YMR228W YMR228W::MTF1::Mitochondrial RNA polymerase specificity factor 1
1.445689379 1.545423656 1.490101066 1.831593127 1 1.354058449
1.394879536 2.06118308 1.63176641 1 1.058524937 1.264006704
1.398510567 1.608219402 1 1.138090725 1.21426938 1.578607145
0.558800148 0.719014824 1 1.033705072 1.022280894
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1.227974525 1 1.161972557 0.86641249 0.921928762 1.371562454
0.79852009 1.195226768
YOR258W "YOR258W::HNT3::histidine triad superfamily, third branch"
0.730153185 0.868918147 0.758102958 1.167909977 0.669532552
0.690882287 1.232231409 1.035825767 0.726996078 0.954060745
1.530821393 0.888922005 1 1.028008743 0.962298751 1.166548908
1.422962138 0.661246878 0.711187259 0.825060095 0.438114999 1
1.037093107 1.203263935 0.743894501 1.102727396 1 0.9438691
1.420017944 1.405383278 1.103355937 1.557894454 1 0.979536654
1.231515199 0.960342494 0.894386641 1.176470513 1.55948636
YMR231W YMR231W::PEP5::peripheral vacuolar membrane protein; putative Zn-
finger protein 1 1.123995555 1.151517834 1.325691034 1
1.300093324 1.352189691 0.887201651 1 1.251664668 1.238451183
0.577159453 1.076508197 1 1.041297375 0.717055532 1.138913058 1
0.862110061 1.009647609 0.996406896 1 1.271518724 1.432693679
1.320574451 1.576720239 1.325664938 1 1.268549949 0.696877581
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1.083219176 0.87995847 0.916899219 0.860738375
YMR233W YMR233W::TRI1::Topoisomerase 1 and RAD52 epistasis group
Interactions 1 1.115188177 1.789576156 1.299247064 1.92198458 1
1.180287688 1.715215074 1 1.091952203 1.196046162
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1.215984216 1.78443086 2.003657568 1.671741463 1 1.254134619
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1.419964838 0.77700442 1.803725272 1.089674658 1.543725122
YMR235C YMR235C::RNA1::Protein involved in RNA processing and export from
nucleus 1.1143147 1.308881565 0.903203078
0.862026848 0.859923946 0.731522301 0.970178096 1
0.854340378 0.660312344 0.754408307 1.170643744 1 0.92465469
0.817188222 1.084216007 1.33266184 1 1.119028589 1.051737175
1.104907865 1.143076815 1.179170214 1 1.089168051 0.875150531
0.863566787 0.690056039 0.707960156 1 1.001016044 0.850507447
0.764156223 1.155465778 0.691521845 0.744280421

YIL084C YIL084C::SDS3::Suppressor of Defective Silencing 3
Functions are similar to those of SIN3 and RPD3 1 0.662714128 0.684875718 0.891833263
0.724911439 1 0.812730391 1.023680138 0.651710652 0.587786385 1
0.761512504 0.800280644 0.304662782 0.714400983 0.96236038
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1.799568745 1 0.949169433 0.86098685 0.878962803 0.891347866 1
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YIL086C YIL086C::YIL086C::molecular_function unknown 1.179572951
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YIL102C YIL102C::YIL102C::molecular_function unknown 1.122933745
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1 1.942921313 1.962078648 1.533408096 1
2.32094592 1 0.96005349 1
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1.178092589 0.757332817 1.557735134
YOR260W YOR260W::GCD1::general control of amino acid biosynthesis and cell cycle initiation 1 0.897582807 0.67906434 0.614218545 1
0.88259572 0.741320228 0.667436075 0.628197657 1 0.84036811
0.700879319 0.778614129 1 0.750433225 0.554923885 0.625177516
0.590965117 1 0.565360388 0.386928991 0.416304528 0.894964385 1
0.921254903 0.938164924 0.979011784 1.013461944 0.886308023 1
0.796474452 0.748148935 0.711908757 0.616651895 0.511697661 1
0.754166561 0.714519738 0.810052328 0.68954131 0.545132504 0.706628552
YIL104C YIL104C::SHQ1::required for SnRNAs of the box H/ACA Quantitative accumulation 1 1.408886646 1.205349049 1.132825425 1.221690446 1
1.127049953 1.114111118 1.111802163 1.320272176 1 1.117995092
0.994699751 1.125408413 0.900825468 1 0.925109358 0.596684241
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0.995709893 1.195286058 1.106180637 0.493903883 0.854461759 1
0.95483363 1.216077984 0.86243022 1.324165508 1.387110417 0.815205939
YOR274W YOR274W::MOD5::transfer RNA isopentenyl transferase 1
0.690965754 0.750936972 0.872924241 0.816113605 1 0.725964807
0.676426381 0.93367369 0.937661288 1 0.701283677 0.797741254
0.744601531 0.933198182 1 0.71286657 0.805649984 0.847724075
1.005651035 1 0.958123783 1.083992543 0.604060957 1
0.960622356 0.993205127 0.995571303 1.190935654 1 0.873915687
1.085883188 0.878690498 1.601541276 1.305767911 1 0.791607229
1.009478648 1.23624335 0.585210337 0.662913211 1.010470134
YIL106W YIL106W::MOB1::Mps One Binder 1 1.414067063 1.529990422
0.955565443 1.01500458 1 1.340741512 1.501034674 1.290442884
1.201959658 1 1.175752849 1.319238865 1.739397771 0.925833689 1
0.859305397 0.822651009 0.574422084 0.634373607 1 1.007959395

1.067676845	1	0.862317806	0.731674949	0.649413082	0.894804119
0.824418897	1	0.706466682	0.62281582	0.48997965	0.751537911
1.50126831	1	0.855350962	0.724177258	0.917937771	0.917348533
2.442305253		0.873872775			
YOR276W	"YOR276W::CAF20::binds to eIF-4E, the mRNA cap-binding protein, and represses cap-dependent translation initiation by interfering with the interaction of eIF4E and eIF4G"				
		0.858207072	1.019242088	0.834136907	
1.129730269		0.771233765	0.762277114	1.041434298	1.068040398
0.835502998	0.750979047	0.821501909	0.937871466	1	0.865763488
0.462144452	0.426661444	0.749909529	1	1.448993791	0.858976091
0.953962459	1.079006674	1	1.006424836	0.95727195	0.861359417
1.121070123	0.991466047	1	0.916880146	1.31120636	0.831886665
0.802929137	1.264812001	1	0.980402779	1.015327133	0.90817308
1.271791926	0.867295109	1.050748842			
YIL108W	YIL108W::YIL108W::molecular_function unknown 1 1.450029895				
1.367157976	1.579124636	0.938118623	1	1.807635398	1.750343395
1.124352967	1.209975559	1	2.437383481	2.671727592	1.748247428
1.852411929	1	1.287842377	1.023561098	1.256669948	0.633666313 1
0.926075633	0.749241254	0.55960354	0.779040682	1	1.020907743
1.061792093	1.268256169	1.131767442	0.88122164	1	1.187347959
0.83221182	1.188502736	1.152560379	0.586708906	1	0.949455158
1.038485869	0.987959029	0.737531403	0.854351204	0.688240476	
YMR237W	YMR237W::YMR237W::molecular_function unknown 1 1.409500525				
1.404746964	1.791977317	1.363091644	1	1.880010763	1.924529311
1.009254537	1	1.477774265	1.518864395	0.849940911	1.329575141 1
1.116923745	1.126543086		0.563211379	1	0.931029271 0.751830789
0.872692145	1.159230679	1	0.8947605	1.023780543	1.085798632
0.916811495	0.814009405	1	1.040183393	0.640183126	0.919883522
0.347346469	1	0.890615966	0.67448088	0.906963484	0.614312622
0.698918509	0.47896632				
YOR278W	YOR278W::HEM4::catalyzes the fourth step in the heme biosynthesis pathway 1 0.895891701 0.936469658 0.929437899 1.054820247 1				
0.842024834		1.176259255	1	0.90274912	0.826172105 1.154941317
1.237011922	1	1.010809431	0.891815639	0.93869476	1.358350425 1
0.983834225	0.896071551	1.356877266	1.097128794	1	0.871566146
0.82873679	0.815972779	1.078461925	1.052206245	1	0.859201656
0.959014033	0.809650533	0.788338669	1.232959713	1	0.851861652
0.811763232	0.946160478	1.031005139	0.941857905	1.217993012	
YIL110W	YIL110W::YIL110W::molecular_function unknown 1 1.120148821				
0.929242854	0.988220409	1.045875515	1	0.977049821	0.914874378
0.963514884	0.9479761	1	0.713166688	0.739620739	0.791488532
0.823240973	1	0.531582959	0.365973423	0.612908621	0.660727389 1
0.508780319	0.786623214	0.47143966	0.570391207	1	0.792482397
0.715588759	0.552162558	0.935604779	0.887627383	1	1.007469704
0.896744033	0.540574646	0.835705537	1.357503944	1	
0.925554256	1.182302265	0.812074828	1.114669354		
YMR253C	YMR253C::YMR253C::not yet annotated 1 1.128617517 1.113713182				
1.226787018	1.010639148	1	1.256901805	1.304256744	0.980841526 1
1.409283767	1.404090816	1.237475655	0.948343321		1.625960832
1.172437791	1.294314864	0.955832795		0.711306039	0.676522516
1	1.13226866	1.252273898	0.830415336	1.212671165	1
1.712079914	1.291960007	2.190326163	1.552589783	0.805360919	1
1.296888918	0.896418176	1.089847622	0.956116926	0.902287154	1.351963482
YOR280C	YOR280C::FSH3 1 0.993621874 1.202335729 0.97150704				
1.529533837	1	0.866217792	0.889202327	1.484282726	1.247438055 1
1.008665069	1.262606428	1.509414375	1.451319961	1	1.363296467
0.999491436	1.12010965	1.659337898	1	1.898196399	1.50306639

2.039899889	1.369421309	1	0.9093967	1.046601205	0.890579504
0.814022537	0.91872621	1	1.115970089	1.413206309	1.395045885
1.710853519	1.348352751	1	1.19544311	1.400965131	1.141838356
1.276944248	1.320102961	1.239007927			
YIL112W	YIL112W::YIL112W::molecular_function	unknown	1	1.425152654	
1.439941652	1.168458129	1.433837156	1	1.265205951	1.141779593
1.419122943	1	1.172251106	1.304033732	1.530439847	1.190861071
1.279849569	0.701695738	0.863043865	1.096039919	1	1.115185069
1.098992908	0.999795604	0.96700793	1	0.976100647	0.870863234
0.664703257	0.784759809	0.958384708	1	1.014251315	1.075621232
0.924490069	1.628538262	1	1.175733958	1.249347345	1.062593342
1.709523153	1.251009426	1.150569945			
YMR257C	YMR257C::PET111::translational activator of cytochrome c oxidase subunit II	1	1.285093286	1.178760418	1.596886001
1.50830686	1.640393274	1.030221522	1	1.161752113	1.192566313
1.029558955	1.279926822	1	1.047318445	0.973923887	0.576995346
0.769215539	1.085537458	1	0.829595769	0.859060316	
0.918511646	0.989512077	0.880116874	1	0.784906604	0.708433103
0.893374896	1.242165678	0.667167914	1	1.005338853	1.021094923
1.012833575	0.855522237	0.58841932			
YOR282W	YOR282W::YOR282W::molecular_function	unknown		0.828656124	
1.007449572	0.98386384	0.807555571	0.850147656	0.814862713	
0.987503711	0.854793078	0.78799917	1.524978569	1.134648289	1
0.471222103	0.479973466	0.59213731	0.720553513	1	1.021199791
2.284508732	2.181327584	1	0.997354199	0.805725458	1.060425474
0.973957562	1.300300886	1	0.803412338	1.342413681	1.117381103
1.233448222	1.614393835	1	0.953840738	0.948328193	0.250084026
1.11912343	1.200480549				
YIL126W	"YIL126W::STH1::helicase related protein, snf2 homolog"				
0.945218921		0.865525002	0.944710739		
0.836708615	0.911752042	1.000292503	1.154087849		
		1	0.851176406	0.85295215	
1.02588199	1.027934279	1	0.879886461	0.90260078	0.49399914
0.807453432	1.14065993	1	1.11419891	0.993550013	1.066556933
1.258063433	0.941633191	1.188221762			
YMR259C	YMR259C::YMR259C::molecular_function	unknown	1	1.247145342	
1.712794464	1.146548048	1	1.436712745	1.329543503	1
1.003044387	0.961813905	0.809476887	1.388936171	1	0.768156503
0.9554297	1	0.550289194	0.980963826	1	
0.628497876	0.610712058	0.751686304	0.856749543	0.678698578	1
1.255819284	0.825438104	0.916701924	1.506218764	0.808300931	1
0.989126966	0.815192589	0.912643001	0.745296474	1.025355707	
YOR284W	YOR284W::YOR284W::molecular_function	unknown	1	0.939191072	
0.980024807	1.084320469	1	1.004518826	0.967840141	1.247977865
0.966776511	1	0.829025088	0.798086387	1.09103075	1.182094703
0.665322724	0.281752854	0.589692289	1.525920401	1	0.792620405
1.760764318	1.800638271	1	1.087693087	0.989292069	1.161580441
1.242316692	1	0.833450256	1.130781792	1.394115381	1.238856782
1.246646668	1	1.073556454	1.111991922	0.661271428	1.154531095
1.544600787					
YMR261C	YMR261C::TPS3::115 kD regulatory subunit of trehalose-6-phosphate synthase/phosphatase complex	1	1.224404078	1.559684938	1.003654471
1.633626107	1.414365416	0.92827346	1	1.23454727	1.363305288
0.789088539	1.061579273				0.526203475
		0.811793709	0.6183195		
1.459214175	1.412405031	1.121382714	1	1.080825346	1.222394472
	3.161878317				

YMR261C YMR261C::TPS3::115 kD regulatory subunit of trehalose-6-phosphate synthase/phosphatase complex

1 0.743735081 0.887286098 0.87268226 0.780450764
0.804371948 1 1.018926436 1.005186638 1.2474456 1.283841553
0.847016756 1 0.939539588 1.134245669 0.945057816 1.634605888
0.866346934

YOR298W YOR298W::YOR298W::not yet annotated 1 2.287055148 2.42554224
1.451523296 1.759794416 1 1.281854717 1.217313779 1.91417747
1.414100822 1 1.194347869 1.827131453 4.222933559 2.046737313 1
1.032360934 3.447907718 1.14103212 0.956424781 1 1.75642162
3.875053795 3.375899361 1.378792364 1 1.257661464 1.184016932
1.110945952 1.377025778 1 0.897730513 0.946756457 0.68269349
0.643793379 0.902805584 1 1.128990792 1.610366311 1.047646329
0.726604952 1.065277228 1.716223073

YMR263W YMR263W::SAP30 1 0.688700414 1.204829288 0.924792779 1
0.838626949 0.884633894 1.220814367 1.2893565 1 0.984081632
1.136225439 1.29710339 1.178998409 1 0.826594286 0.670738163
0.605320392 1.155117993 1 1.310717614 1.479860171 1.471745097
0.95342175 1 1.076460153 0.952013674 0.811869043 0.733209314
1.156203463 1 1.320597018 1.501948843 1.449349942 1.268573359
1.24525154 1 1.584815605 1.199811424 1.458944606 1.585528579
1.437686496 1.071763756

YOR300W YOR300W::YOR300W::molecular_function unknown 1 1.353894392
1.534698608 1.677605886 1 1.190285142 0.953578357 1.561125642
1.879630343 1 1.221745267 1.246229475 1.633113295 1.759078922 1
1.453824823 1.912376003 1.140858069 1.144706897 1 1.692895372
3.967792345 1.383749998 1 1.020937898 1.033678705 0.78591945
0.941587876 1 0.691413516 1.075979598 0.904246789 0.781104071
1.425680862 1 1.307573257 1.034140856 1.072476625 1.176940701
1.091027549

YMR265C YMR265C::YMR265C::molecular_function unknown 1 1.739624926
1.633765383 1.529074845 1.816366372 1 1.453662056
1.968536166 1 1.911107356 1.590314035 1.73154653 1.661929262 1
1.406079682 0.763459372 0.939926991 1.261555176 1 2.348180474
1.019617149 1.220889337 1 1.449071304 1.22053024 1.381201649
1.109315392 1.208820701 1 1.352851867 0.927389498 1.27256092
1.140590904 0.476939236 1 1.199495894 1.034795539 1.013882473
1.092442886 0.883793928 1.013972585

YOR302W YOR302W::YOR302W::molecular_function unknown 1 1.664604363
1.200626562 1.286507736 0.997820907 1 1.279467805 1.229426261
0.876578944 1 2.064164257 1.298993631 0.764330146 1.395753451 1
1.645104279 0.229014624 0.752459143 0.39000239 1 1.02761035
0.375596413 0.83410916 1 0.97431432 1.169702409 1.238952774
1.193388043 1.10122693 1 0.871416327 0.769017504 1.088395804
0.655106286 1 0.902651615 0.78784353 1.566701364 0.53574125
0.633279847 1.72410364

YMR280C YMR280C::CAT8::Zinc-cluster protein involved in activating gluconeogenic genes; related to Gal4p 1 1.735779283
1.274635406 1 1 1.426528862
1 1
0.894572961 0.679435031 0.825305619 0.966222367 0.821605578 1
0.970133919 0.978506558 0.726729714 0.894870907 1.092457808 1
0.834363033 0.86097477 0.865976392 1.231276252 0.640741638 1.015723811

YMR282C YMR282C::AEP2::Required for the translation of OLI1 mRNA. 1
1.087635584 1.049916735 1.35585819 1.160416696 1 1.244055255
1.310691977 1.390035283 1.250623826 1 1.026645595 1.019580877

0.995082361 1.021498788 1 0.818698256 0.824002664 0.804211432
 0.62269526 1 1.435945538 1.396277852 1.153492125 1.175586338 1
 0.750441096 0.896394388 0.761446916 0.754791851 0.864473013 1
 0.829064727 0.87279109 0.918159417 1.238059153 1
 0.808123277 1.062494937 0.962623662 1.17023082 0.877375225
 YMR284W "YMR284W::YKU70::Shows homology to 70-kDa subunit of mammalian Ku
 protein, the regulatory subunit of the DNA-dependent protein kinase" 1
 1.115972729 1.507690731 1.14459561 1.719884112 1 1.171735076
 1.43575008 1.508052734 1.242380022 1 1.392418824 1.864139571
 1.538914691 1.395896326 0.922339553 0.943569534
 0.976736097 0.71789662 1.109963844 0.997462129 0.661768302
 0.8941385 0.885203703 0.829608008 0.919430279 1.033255046
 0.792542304 0.985075107 1 1.029747111 1.290258759 0.776777486
 1.000056228 0.588584491
 YMR284W "YMR284W::YKU70::Shows homology to 70-kDa subunit of mammalian Ku
 protein, the regulatory subunit of the DNA-dependent protein kinase"

1

0.919487285 1.338954305 0.829609739 0.762168491 1.170195906 1
 0.819713484 0.876213844 0.952720625 1.105754998 1 1.244916782
 1.313243164 1.555910461 1.334161179 0.881753341
 YIL128W YIL128W::MET18::Involved in nucleotide excision repair and
 regulation of TFIIH 1 1.839145839 2.008041593 1.389075667 1.972273193 1
 1.400436209 1.344515151 1.853589552 1 1.456033318 1.470066751
 2.488346152 1.4605107 1 1.471511238 1.117500832 1.856449939
 1.991476475 1 1.665530047 2.590285507 2.621099441 1.482370588 1
 0.808995082 0.870404067 0.728264427 0.936215282 0.832410838 1
 0.89656163 0.836833476 0.691571663 0.745675243 0.81072287 1
 1.028179463 1.146790765 1.234198167 1.221206922 0.976320768
 YIL130W YIL130W::GIN1::Gcn5 INdependent 1 1.113983523 1.026581903
 1.196554587 0.958618695 1 1.20810424 1.135703183 1.020244101
 0.936416263 1 0.933627488 0.886278778 0.720611349 0.977939728
 0.864635183 0.938688394 0.889774286 0.833431203 1 0.685052305
 0.504602628 1 0.776490241 0.724536325 0.617804089 0.884806713
 0.96581421 1 0.685718514 0.558774888 0.409722943 0.556148437
 0.675708345 1 0.713058628 0.696003799 1.018416859 0.962797934
 0.960427362 0.862489653
 YIL132C YIL132C::CSM2::Chromosome segregation in meiosis 1
 1.339716088 1.351183839 1.461156727 1.205685812 1 1.328931285
 1.447340929 1.646317538 1.3582984 1 1.076138959 1.001943286
 1.194800147 1.530890984 1 0.713060428 0.924212347
 0.406294291 0.424039693 0.347882872 0.841109344
 0.893929701 1.046817951 1 1.000914207 0.802930567 1.812390774
 1 0.863604546 1.354446595 0.926410164
 YIL134W YIL134W::FLX1::Nuclear-encoded mitochondrial protein involved in
 transport of flavine into mitochondria 1 1.53240168 1.270753698
 1.238501384 1.50789435 1 1.218381751 1.209090805 1.547418548
 1.287572372 1 1.074596006 0.984754227 1.148754271
 0.754810666 0.522890318 0.709654247 1
 1.610074043 1 0.902427665 0.897227852 0.897205364 0.996141337
 0.871545952 1 0.780572857 0.828471424 0.636074362 0.638791985
 1.37010043 1 0.993503408 0.970324207 0.781577488 1.035436262
 1.249343209 0.92991272
 YOR304W YOR304W::ISW2::has strong homology to Drosophila ISWI 1
 0.784484563 0.993811232 0.929357529 1.007412403 1 0.963063567
 1.03168567 0.983596137 1.032220211 1 0.750681345 0.839310143
 0.858457986 1.049960603 1 0.828500219 0.781848151 0.61036353

0.723922054	1	1.218113622	0.995304324	0.819866551	1		
0.971068832	1.035051439	0.973388992	1.049668357	1.214401577	1		
0.908284373	0.910448731	0.671182106	1.003579858	0.816716363	1		
0.976441075	0.900665744	1.134818131	1.026295545	0.92816139			
YIL136W	YIL136W::OM45::45-kDa mitochondrial outer membrane protein				1		
1.322079212	2.225595231	2.521811443	1.832154833	1	1.676640928		
2.670124958	2.433183205	2.623477037	1	1.518353418	2.648222354		
5.168445861	2.848985238	1	3.160315991	3.83961467	5.511948773		
4.100633619	1	2.943315342	5.986756121	3.716192645	1		
0.894247838	1.48039388	1.365397209	0.763042557	1.026402401	1		
1.137831233	1.535992491	3.488718057	2.70916255	2.676421198	1		
1.315409456	1.173728514	1.639794349	1.21660608	4.34092524	1.106788787		
YOR306C	YOR306C::MCH5::monocarboxylate permease homologue				1		
0.978029404	0.930486726	1.008983518	0.93907015	1	0.974322796		
0.932846163	1.031100669	0.985351025	1	0.790805065	0.778000395		
0.885010938	1.100553341	1	0.767536811	0.618635863	0.832087218		
0.702633801	1	0.689361401	0.785970546	0.666378882	0.558698496	1	
0.874783543	0.817121637	1.003806564	1.278440209	1.205083267	1		
0.983311588	0.765414731	0.590433981	0.827581084	0.765563224	1		
0.929851428	0.68908133	0.832456404	0.871324339	0.631162027	0.851982143		
YIL150C	YIL150C::DNA43::Protein required for S-phase (DNA synthesis) initiation or completion						
		1.094614141		0.867681322	0.847787151		
	0.900673232						
			1	0.704400137	0.792640796		
0.772720547	0.805310187	0.724519329	1	0.912728715	0.742935734		
0.719568429	1.100419993	0.926465274	1	0.679344455	0.921755375		
0.975494384	0.689988014	0.745216827	0.525374421				
YOR308C	YOR308C::SNU66::66kD U4/U6.U5 snRNP associated protein				1		
1.005960932	1.172825891	1.24233872	1.455089181	1	1.568659572		
1.204161827	1.450952116	1	1.079940665	1.026833979	0.894329124		
1.539438779	1	0.5412228		0.685893194	1	0.571524743	
0.964634769	0.473651937	0.438949565	1	0.789302154	0.792914804		
0.740567106	0.701484946	0.804530335	1	1.150019963	1.543541195		
1.026333985	1.898767745	1.493978791	1	1.009944224	1.186844084		
1.514518016	0.887203739	0.950052073					
YIL152W	YIL152W::YIL152W::molecular_function unknown				1	1.341060784	
1.424277812	1.146831177	1.227063291	1	1.183292266	1.267569782		
1.139487504	1.340937853	1	1.393004151	1.359350159	1.550203899		
1.198708606	1	1.287261655	0.987224301	0.926535562	0.98876375		
0.629557323	0.935310442	0.656628906	1	0.99430291	1.000645725		
0.72502609	0.738219391	0.865611811	1	0.898935582	1.026739306		
0.921222981	1.041137157	1.25364069	1	0.957996087	1.09093299		
1.050674298	1.181755525	1.236679848	1.018350701				
YMR287C	YMR287C::MSU1::Protein essential for mitochondrial biogenesis					1	
1.222063621	1.230888806	1.933382238	1.351896219	1	1.469043425		
1.600985579	1.303005902	1.234573523	1	1.484787403	1.692861211		
1.241788758	1.465114061	1	1.125227234	1.36629311	1.014303473		
1.128429639	1	0.393706406	0.601162794	0.437006128	0.519012744	1	
0.856320269	0.868418297	0.831777858	1.000291045	0.813083395	1		
0.99916904	0.928673293	1.130785219	1.499381016	0.940230554	1		
1.190759928	1.403790491	0.96984794	1.177826481	1.140441387	1.762631122		
YOR322C	YOR322C::YOR322C::molecular_function unknown					1	0.91969468
0.804002299	1.09560867	0.805153335	1	1.133452209	1.185166388		
0.888419409	0.794713811	1	1.004734877	0.890127988	0.708057805		
0.931645589	1	0.81726078	0.773552867	0.78296218	0.757593296	1	
0.960813134	0.77991285	0.702830533	1	1.058334525	1.001703741		
1.122344284	0.960502224	1.041396372	1	0.98795667	0.770784648		

	0.561356444	0.743038667	0.610747604	1	0.849869662	0.74287086	
	0.76753366	0.842818591	0.526270356	0.701374823			
YIL154C	"YIL154C::IMP2'::Protein involved in nucleo-mitochondrial control of maltose, galactose and raffinose utilization"						
	1.231805032	1.077005422	1	1.642158841	2.062517044	1.292148939	1
	1.756982042	2.397415918	2.652188019	1.196533161			
			0.931673831	1	0.909346248	1.167738448	
	1.329937431	1.12853351	1.073270031	1	1.237044651	1.126182078	
	1.408921852	2.194441379	1.148344805	1	0.995106706	0.734994427	
	1.349767612	0.488540792	1.853407367				
YMR289W	YMR289W::YMR289W::molecular_function unknown						
	0.930405923	0.997530836	1.168523982	1	1.067459189	1.009149499	
	1.107702582	1.136010679	1	0.82560487	0.839122104	1.021431876	1
	1.283930959	1.4454356	1.305590052	1	1.260494841		
	1.042188857	0.88462122	1	0.909673019	0.745052145	0.855639089	
	0.872208879	1	1.135100878	1.013855057	0.974385041	1.077635875	
	1.344098398	1	0.996279931	1.063543781	1.152062919	1.358429889	
	1.31684621	1.112918128					
YOR324C	YOR324C::YOR324C::molecular_function unknown						
	1.013301514	0.973909825	0.864942345	1	0.939015091	1.016618214	
	1.094708876	1	0.847419797	0.884387066	0.932136246	0.984898827	1
	0.991566281	0.748570744	1.02456639	0.922370696	1	0.77912229	
	0.913786909	0.60992777	0.73016159	1	0.901016005	0.807122069	
	0.812512298	1.104538924	0.858984384	1	0.742954957	0.840407049	
	0.685538056	0.909842457	1	0.724680992	0.77515592	0.923191971	
	1.105316359	0.692655348	0.806449707				
YIL156W	YIL156W::UBP7::Ubiquitin-specific protease						
	1.481831965	1.357404936	1.468411135	1	1.532121064	1.402516891	
	1.473981896	1.371275148	1	1.372243137	1.253797051	1.376840681	
	1.175872722	0.673838363	0.490873727	0.709022032		1	
	1.372692528	1	0.893614	0.858778122	0.703284153		
	0.706701209	0.807292399	1	0.851334441	0.827679725	0.760799145	
	0.839518037	0.751932971	1	1.214002514	1.147401283	1.002366204	
	1.298474385	1.130932051	1.085773768				
YMR291W	YMR291W::YMR291W::molecular_function unknown						
	1.263932352	1.030043555	0.762333624	1	1.022993992	1.068049983	
	1.037094452	0.625407125	1	1.16144966	2.077182789	2.306598521	
	1.169066446	1	2.42063902	1.870794425	2.956220245	1.497597478	1
	1.274103749	1.320544406	1.243934841	0.631014475	1	1.23793502	
	1.271211862	1.38633591	1.272690227	1.066937105	1	0.998099949	
	0.774604753	1.909257003	1.107726312	1.300535103	1	1.240540198	
	0.960703112	1.041432612	0.997635874	2.01069597	1.051624402		
YOR326W	YOR326W::MYO2::class V myosin						
	1.129892276	1	0.962249839	1.032197756	0.707752828	0.660770283	1
	0.843756719	0.868023772	0.453782117	1.006169612			
	0.998440739	0.767416881			1	0.96899367	
	0.950516425	1.204556869	1.397109447	1.065507865	1	1.025972534	
	0.805803818	0.801971312	1.014519824	0.489804218	1	0.920816202	
	0.851794021	1.26382734	0.886574226	0.782150114	0.471085701		
YIL158W	YIL158W::YIL158W::molecular_function unknown						
	1.071054587	0.894655533	1.140589882	1	0.874604797	0.88239997	
	1.384917202	1.233532136	1	0.705591242	0.870289215	1.256758157	
	0.845681709	1	0.595658325	0.573243282	0.561775076	0.776528665	1
	1.677700505	2.34542737	2.034087726	0.956558049	1	0.8947605	
	0.952957881	0.815428751	0.942508759	0.998081902	1	0.870949506	
	0.734484217	0.6820544	1.098122434	1.431803101	1	1.10836127	
	0.984559645	1.248709892	1.395846424	1.290802962	0.886131457		

YMR306W YMR306W::FKS3::Protein with similarity to Gls1p and Gls2p
(GB:Z49212) 1 1.433462802 1.542126983 1.560380249 1.535615417 1
1.424365207 1.509243813 1.35175226 1.484228349 1 1.62336879
1.438785335 1.167117001 1.541645332 1 1.506901405 1.896741153
1 0.810401372 0.899556248 1 0.941535833 1.064770841
1.151044517 1.113616056 0.914060257 1 1.202355483 1.068243279
1.206521164 1.346481644 1.091677508 1 0.763434337 1.051598522
1.041799545 0.818805804 0.816799164 0.881753341
YOR328W YOR328W::PDR10::Putative ABC transporter highly similar to Pdr5p 1
1.372691971 1.341130442 1.608873169 1.298217378 1 1.413717569
1.470682795 1.276661785 1.232752721 1 1.406046111 1.506824915
1.286087139 1.376501865 1 0.973092048 0.645577948 0.591262362
0.819912923 1 0.858328346 0.639711397 0.530205258 0.762363639 1
1.001418041 1.117261975 1.097938562 1.027851658 1.002237641 1
1.023771254 1.03385047 1.021660281 1.0066556 0.939833545 1
0.773669555 0.922650201 0.912043961 1.126974472 0.899067631 1.912362829
YMR308C YMR308C::PSE1::Functions in nuclear transport of proteins 1
1.207353364 0.846315299 1.388639328 0.809552581 1 1.345405987
1.283015482 0.728253389 0.721796636 1 0.893562957 0.852515833
0.341540711 0.977537672 1 0.856621721 0.552862205 0.424919054 1
0.42110365 1 0.987541241 0.768760091 1.050732398
1.209209233 0.845869566 1 0.825077217 0.460102063 0.520672959
0.618929079 0.414941523 1 0.704078216 0.587460237 0.918428521
0.7762216 0.724344828 0.651464271
YOR330C YOR330C::MIP1::catalytic subunit of mitochondrial DNA polymerase 1
0.966851313 0.962158353 1.262554558 1.095672199 1 1.114373732
1.124511532 1.053592354 1.086231301 1 1.043773368 0.922024283
0.842101733 1.242630435 1 1.114754564 1.046160618 0.643697822 1
0.939190962 0.664584814 1 0.880129996 0.773237571
0.819698349 1.12579697 0.833093945 1 0.843728005 0.684000992
0.553470469 1.060476861 0.776154043 1 0.814056003 0.758712872
1.003650714 0.890264236 0.913144012 2.997261037
YMR310C YMR310C::YMR310C::molecular_function unknown 1 0.919087872
0.831392922 0.833669469 0.946168735 1 0.794038942 0.771541776
0.975303933 1.101283827 1 0.594062979 0.520266621 0.62621933
0.980825313 1 0.446381563 0.4462093 0.52244355 0.791060703 1
0.552312273 0.559582521 0.482552184 0.629819649 1 0.911887728
0.553045172 0.483384448 0.759593418 0.6063024 1 0.638069279
0.750474514 0.550188854 0.952120142 1.121424399 1 0.52434192
0.665826656 0.742982397 0.901829281 0.481778491 0.809076598
YOR332W YOR332W::VMA4::vacuolar ATPase V1 domain subunit E (27 kDa) 1
0.893397979 1.123060743 0.726879898 1.027621653 1 0.849495402
1.170004109 1.016523847 1 0.828157712 0.994385309 1.325633323
0.917666872 1 1.349034552 1.157136103 1.152918296 1.648238635 1
1.36404778 1.442858591 1.620220022 1.172810114 1 0.910457955
1.072311455 1.015137627 1.00525359 0.915855349 1 1.139845899
1.376848421 0.881722805 1.045012414 0.959486618 1 1.434799521
1.679052091 1.342934003 1.497285841 1.484017469 1.166331183
YOR346W YOR346W::REV1::Protein required for mutagenesis by physical and
chemical agents 1 1.151809913 1.115798235 1.121569422 1.195720332 1
1.035959972 1.073744833 1.193930265 1.029960961 1 0.935388184
1.126605752 1.817146729 0.877819901 0.542607432 0.516434868
1 0.798400428 0.803594492 1 0.991384749 0.832428585
0.676080482 0.496471296 0.85905032 1 1.091640575 1.30474466
0.953781258 1.450224549 1.490338198 1 1.505825989 1.118830843
1.104980271 1.227751287 1.147389243 3.182893232

YMR312W "YMR312W::ELP6::Elongator Protein 6; 30kD subunit. Homolog of ATPases, yet with substitutions of amino acids critical for ATP hydrolysis." 1
1.033841018 0.825496477 0.742004398 0.878585218 1 0.837920037
0.763011213 0.842671746 0.968702131 1 0.929068761 0.740238999
0.868236476 1.005324863 1 0.413007999 0.791641698 1
0.420809363 0.656202271 0.452802057 0.56276379 1 1.149889179
0.968826681 0.864028231 0.883372032 1 0.901042649 0.764083255
0.823470126 0.799180153 0.863391486 1 0.906222521 0.804355672
0.858383303 0.970640804 1.173336189
YMR314W YMR314W::PRE5::alpha-type of subunit of 20S proteasome 1
1.098225996 1.339829546 1.124001328 1.618662962 1 1.092649634
1.26765558 1.370322408 1.426709734 1 1.007042483 1.396307145
1.812063829 1.226597522 1 0.902839996 0.959356539 1.013929952
1.518174558 1 1.650403507 1.685671059 2.435135737 1.942920905 1
1.217153906 1.563801343 1.278151986 0.833336201 0.945096562 1
1.229993653 2.000330965 1.45848163 0.874894971 1.163067224 1
1.346592295 1.612578297 1.138308004 1.105351467 1.055735781 1.654929347
YMR316W "YMR316W::DIA1::may be involved in invasive growth, pseudohyphal growth"
0.890220489 0.997604553 1.019749153 1.055328533
0.858406142 0.954493977 1.136832814 1.120079485 0.912663459
1.098967999 1.304119722 1.166954919 1 1.500156435 1.387685119
2.009991651 1.952325418 1 1.463827167 1.802388768 1.630750078
1.619257841 1 1.002173297 1.119112547 1
0.853128226 0.755932791 1.000090481 0.516700418 1 0.923976626
0.810940302 0.775535166 0.917628345 1.043743836
YNL005C YNL005C::MRP7::Mitochondrial ribosomal protein MRP7 (YmL2) (E. coli L27) 1
0.968759512 1.020781606 1.09676025 1.39644162 1 0.946267112
1.109466254 1.482140771 1.179127025 1 1.097025129 0.976782984
1.04744628 0.965372565 1 1.218773515 1.015255618 1.034168637
1.09179327 1 1.331070757 1.1853685 1.217518361 1.072987807 1
1.1203051 1.346794436 0.90187951 0.910493789 1.037396502 1
1.117044742 1.450995198 0.909204425 0.672319181 1.237905829 1
1.584337371 1.479641747 1.03638134 1.514528362 1.637333155 1.304679768
YHR001WA YHR001WA::QCR10::8.5 kDa subunit of the ubiquinol-cytochrome c oxidoreductase complex 1
1.609300637 2.244898141 1.259227452 2.604610276 1
1.591100748 1.575218996 1.845627004 1.86787381 1 1.033963718
1.338887005 2.458363577 1.055186727 1 1.765770972 0.940279922
1.417225684 2.190140715 1 1.875743904 1.604577159 2.491008
1.883109213 1 0.627336065 0.40969819 0.264399661 0.822844011
0.829047294 1 0.419809667 0.179549085 0.407581564 1.616990116 1
0.401039536 0.6686617 1.938135665 2.259401963 1.436023347
YMR045C YMR045C 1 1.177628224 0.8694403 1.483348197 0.925012954 1
1.190977367 1.267068735 1.033799557 0.909562455 1 1.416076984
1.445333152 0.719358583 1.310034 1 1.52239337 2.075887399
1.395119401 1.146911475 1 0.375608006 0.397416669 0.3030925
0.909801913 1 0.860865391 0.980488882 1.503253856 1.403936404
0.759927789 1 0.929937383 1.222310601 2.287643144 5.024297425
1.83654445 1 0.918048847 1.485944596 1.584070125 1.096412546
0.813738814 0.940420177
YMR079W YMR079W::SEC14::Required for vesicle budding from the Golgi 1
1.015146688 0.977732949 0.880738585 0.916024783 1 1.126365398
1.044511513 0.937864926 0.895920432 1 0.893405832 0.803723892
0.718121289 0.943270117 1 0.83537624 0.376902418 0.540722178
0.899743776 1 0.779424373 0.441622433 0.476280603 0.516793106 1
0.689312943 0.675902011 0.771554177 1.049300353 0.738852322 1
0.961290786 0.603993903 0.624143418 1.051595994 0.690385655 1
0.927501192 0.615585485 0.960748526 0.778009836 0.668895019 0.765295387

YIL160C YIL160C::POT1::peroxisomal 3-oxoacyl CoA thiolase 1
1.137286999 1.330010818 1.221618736 1.072105874 1 1.214241464
1.269944001 1.394233479 1.469577031 1 0.764320939 1.060786434
2.448661692 1.289605736 0.418822189 1.314757135 0.994341163
0.907756867 1 0.86287615 0.850188297
1.003454898 1 0.639566714 0.594904945 0.664100396 0.857696559
1.230636556 1 0.622407441 0.98286854 0.709963953 1.153994312
0.714509171
YIL174W YIL174W::YIL174W::molecular_function unknown 0.989954773
0.914470824 0.964959971 0.690173129 0.923785478 1.016003363
1.085158628 0.919357272 1.11279831 1.151853799 1.02249525
1.094509732 0.489606453
1 1.119955144 1.381548931 1.358410692 1.231486473 1
1.014592569 0.927114243 1.005207663 0.986516687 1.092754168
0.947654174 0.887330052 0.802947204
YIL176C YIL176C::YIL176C::molecular_function unknown 1 1.03313511
1.239061252 0.867321317 1.205054342 1 1.032630071 0.87731006
1.159091062 1.183862883 1 1.081087431 1.056951428 1.683564328
1.055008309 1 1.361270033 0.948871699 1.523026827 1.545830046 1
1.396453071 2.221719314 1.561264456 1.219266163 1 0.976836412
1.299025796 1.137688058 1.069216011 0.980685578 1 0.943093198
1.496370225 1.352105362 1.295632086 1.522158737 1 0.927796294
1.292655509 1.249325097 1.580832892 1.432473906 1.364222164
YIR001C YIR001C::SGN1::contains one RNA recognition (RRM) domain 1
0.727173304 0.973779252 1.029475784 1.207710741 1 0.920374032
0.972469009 1.063406334 1.013183765 1 0.968836782 1.044314035
0.998036442 1.098031073 1 1.219303215 1.224344958 0.975302305
1.413821632 1 0.845630219 1.266262892 1
1.203207571 0.8463144 0.795754677 0.868737467 1 1.185265957
1.133938439 0.944556805 1.399379058 1.400771337 1 1.363092095
1.191896265 1.368924493 0.979978066 1.459973782 1.133057482
YOR348C YOR348C::PUT4::proline-specific permease (also capable of
transporting alanine and glycine) 1 1.445805961 1.646649736 1.77609858
1 1.729922606 1 1.136210237 2.158420357
3.317157507 1.449030487 0.564013902 0.493334251
0.369040941 0.722079051 0.425069397 1 1.153280903
1.582461845 1 0.748085729 1.251527355 1.22571017 1
0.798207687 3.832606121
YIR003W YIR003W::YIR003W::molecular_function unknown 0.876676359
1.073905395 1.191943619 0.719542229 1.202252869 1.344419543
0.927485984 0.973874453 1.022375924 1.36445489 1.050540821
1.034791413 1 1.055687375 1.210321127 1.080230114 1.0069684 1
1.054497718 2.101470896 1 0.951568641 1.045168017 1.208656124
0.932845056 0.906579518 1 1.026783145 0.923213804 0.963443506
1.039915648 0.727065048 1 0.846235907 0.884770663 0.871903336
0.714321693 0.815680881 1.096281225
YOR350C YOR350C::MNE1::similar to Lucilia illustris mitochondria cytochrome
oxidase 1 1.220663947 1.13592757 1.229698593 1.154135255 1
1.20323138 1.295797884 1.149867549 1 1.258368962 1.280466702
1.157060898 1.278159408 1 1.362252224 1.506453741 1.257407264 1
0.917083002 1 0.922673568 1.013279913 0.877798842
0.954472905 0.943614098 1 1.245042913 1.16752946 1.109855302
1.235651502 0.916596021 1 1.147451895 0.976551132 1.064724348
0.874092803 1.409919247 2.713558756
YIR005W YIR005W::IST3::U2 snRNP associated protein 1 1.216015518
1.540813279 1.10427779 1.409297633 1 1.087333511 1.146008387
1.742136255 1.356388239 1 1.431291424 1.679428523 1.900018349

1.271410667	1	1.105633893	1.211886331	0.984654547	1.602770081	1
1.384475539	2.194406313	2.524404499	1.079168058	1	0.985313451	
1.098058925	1.127415342	1.121722324	1.321316298	1	0.870718343	
0.981126405	0.94456927	1.550154227	1.157256533	1	1.154519054	
0.969180637	1.409267333	1.065555896	1.158925391	1.15144561		
YOR352W	YOR352W::YOR352W::molecular_function	unknown	1	0.774625368		
0.797090975	0.879054052	0.924275493	1	1.196943459	0.969212147	
1.161945166	0.923469894	1	0.846044948	1.029350917	1.105401789	
0.908296967	1	1.085600245	0.804226592	1.39515713	1.398505559	1
1.045880239	3.084611558	1.611085413	1.002489449	1	1.546190195	
1.704304219	1.399300713	1.044019101	1.315637538	1	1.387798006	
1.505252444	1.468508516	1.161567037	1.166966557	1	1.326772821	
1.491036558	1.107434227	1.28565779	1.683343673	1.489436402		
YIR007W	YIR007W::YIR007W::molecular_function	unknown	1	0.929706529		
1.134571828	1.054173935	0.739189053	1	1.25446224	1.27858753	
0.925417335	0.782223723	1	1.154355592	1.526307387	1.384795874	
0.976365422	1	1.847072961	2.120069518	1.361463739	1	
1.103579567	1.035931389	0.961424514	1.522411695	1	0.941060605	
1.103252034	0.947240149	0.933143148	1	1.014006696	1.093829897	
1.065053584	1.796776469	1.109162403	1	1.094275661	0.967504563	
1.393133666	0.914958889	1.62510229	1.030609488			
YNL007C	YNL007C::SIS1::HSP40 family	chaperone	1	1.053945635		
1.57104042	1.123345935	0.796382247	1	1.089065184	1.322788214	
1.270635393	0.8645093	1	0.975649055	1.781543925	2.060085294	
0.81511285	1	2.623395714	2.300905964	3.151848413	2.672737066	1
2.72113489	2.515184911	3.038456838	2.401526207	1	1.31861362	
1.522514117	1.208218588	0.828887644	1.018441522	1	2.039335015	
0.813686347	0.53593088	0.39364751	0.709846415	1	2.044775709	
1.008203963	0.65250963	0.922027007	1.031405823	1.202231775		
YOR354C	YOR354C::MSC6::Meiotic Sister-Chromatid	recombination	1			
0.835726883	0.833387736	1.380184058	0.899677821	1	1.054487031	
1.180954296	1.140730839	0.875710393	1	0.842452841	0.861924641	
0.618848449	0.873234537	1	1.185209583	1.670577369	0.882119283	
0.890200345	1	0.844774736	0.715435077	0.399614697	0.787893542	1
1.204353588	1.1933656	1.186647139	0.939409323	1.013364522	1	
1.220884316	0.907103242	0.851954495	0.629043932	0.782288528	1	
1.050416597	1.027311128	0.906934797	1.035912812	1.44233433	2.103248805	
YIR021W	YIR021W::MRS1::RNA splicing protein of the	mitochondrial carrier				
(MCF) family	1	1.177757966	1.025402799	1.3133898	1.273516558	1
1.170445763	1.159896509	1.206543597	1.33370061	1	1.002531118	
0.913258319	1.216126885	1.013839766	1	0.86063202	0.862792537	
1.280864686	1	0.73894126	1.25302189	0.89338518	0.785928765	1
1.009566356	0.971117608	0.825503284	0.884825922	0.921327384	1	
0.85168779	1.040914194	0.752511207	0.800939305	0.912869616	1	
1.210762261	1.008527668	1.086328775	1.154860715	1.258396659	0.84847964	
YNL009W	YNL009W::IDP3::peroxisomal NADP-dependent	isocitrate dehydrogenase				
1	0.933065818	1.37861871	1.161266815	1	1.049518051	
1.229581396	1.263560436	1.363586204	1	1.02229357	1.24573204	
1.156933032	1	1.00698344	1.333418182	1.105759728		
0.622829376	0.784989763	0.215252531	1	1.046613652	1.226684239	
1.172171641	1.221356643	1.178861388	1	1.240189206	1.2325408	
1	1.151728665	1.371823819	1.369359046	1.056878183		
YOR356W	YOR356W::YOR356W::not yet annotated	1	1.479531342	1.208892326		
1.265669171	1	1.196537147	1.098212205	1.338397571	1.159217833	1
0.929649623	1.151346804	1.165381833	1.162527027	1		
0.919514222	0.606531039	1	0.758083848			
0.61550828	0.656599615	1.098328707	0.901010572	1	0.539326631	

0.473528955 0.351611262 0.546135288 0.92768854 1 0.801891583
 0.580186934 0.655194722 1.330014986 0.730788535 1.956143988
 YIR023W YIR023W::DAL81::Positive regulator of multiple nitrogen catabolic
 genes 1 0.979870934 0.998589793 1.246471281 0.925407624 1 1.084585884
 1.180502625 1.008405975 0.954727194 1 1.109210575 1.116755815
 1.05296712 1.065580252 1 1.350908219 1.528411682 1.313317175
 0.909691364 1 0.838352981 1.402154891 0.871012673 1.182814028 1
 0.697704973 0.706822533 0.637118899 0.640639054 0.980842389 1
 1.224571921 1.009782978 1.290765541 1.228695309 0.847721185 1
 0.784902281 0.836151722 1.078459403 1.038238035 0.873477912 0.859862762
 YNL011C YNL011C::YNL011C::molecular_function unknown 0.918540092
 1.015825678 1.162871797 1.028896418 1.003693507 1.158792952
 1.127557995 1.090342874 1.019964691 1.161373318 1.117149061
 1.015211535 1 1.524015651 1.843019313 2.501284575 1.485177668 1
 1.183780625 1.280330417 1.076724773 0.780019527 1 1.249741151
 1.555865663 1.151474187 0.994712632 1.146504157 1 1.104236888
 1.091876445 1.131638241 0.886200516 1.317811593 1 1.444808261
 1.359119077 1.101938959 1.135600108 1.63198907 1.14881872
 YOR370C YOR370C::MRS6::protein of the TCD/MRS6 family of GDP dissociation
 inhibitors (Rab escort protein) 1 1.562312754 1.271176872
 1.211399242 1 1.418473351 1.59418233 1.447919112 1
 1.462360017 1.467771191 1 2.871553722 1
 1 1.194204792 1.185821929 1.284933652 1.575901075
 1.24444059 1 0.804645158 0.628628215 0.674534286 0.706950432
 0.475742825 1 0.732305439 0.673242241 0.718994596 0.665561958
 0.823643804
 YIR025W YIR025W::MND2::needed for Meiotic Nuclear Division 1
 1.324451961 1.419795522 1.419958445 1.535568618 1 1.297071923
 1.388490467 1.423313437 1.562689505 1 1.396479549 1.518020736
 1.62967628 1.5426961 1 1.335751613 1.239374811 1.729421598
 1.413503715 1 1.108318944 1.44376682 0.929328034 1.159179234 1
 0.749057707 0.996503465 0.797254797 0.771427631 0.876744611 1
 0.984089799 1.14652374 0.959395523 1.217254226 0.970153383 1
 1.112835259 1.195827225 1.154153828 0.925663243 1.369191296 1.200480549
 YNL013C YNL013C::YNL013C::molecular_function unknown 1 1.744603108
 1.860426385 1.206926468 1.771608301 1 1.398445372 1.046581586
 1.740505792 1.620386093 1 1.33818979 1.121696584 1.183152905
 1.367185477 1 0.774816919 0.466879319 0.525079883 1
 0.770627577 1.029567577 0.425238901 1 0.69888442 0.439303226
 0.412847463 0.624295147 0.858486801 1 0.978067223 1.029904595
 0.683916956 0.564476487 1.939221063 1 1.11999869 1.708592093
 1.096271236 3.002872978 1.216931894 1.309933549
 YOR372C YOR372C::NDD1::Nuclear Division Defective 1 1 0.867467596
 0.816875796 0.912798166 0.878942774 1 0.890700273 0.922107364
 0.723920377 0.716546435 1 0.84072583 0.777289296 0.541385469
 0.955596139 1 1.216008819 1.233363637 0.881046464 0.953416571 1
 0.701644264 0.604173563 0.515379108 0.581587313 1 0.811255424
 0.699813644 0.6836949 0.77855572 0.896569249 1 0.758948323
 0.556556427 0.644688848 0.807592612 0.707483334 1 0.812524994
 0.769143065 1.289410968 1.164275654 1.352780862 1.474550829
 YNL015W YNL015W::PBI2::Proteinase inhibitor that inhibits protease Prb1p
 (yScB or I^B₂) 1 1.18632468 2.018467617 1.587622436
 3.600312771 1 1.151898436 1.670957257 3.151497356 3.336004888 1
 1.155783997 1.775111641 4.760359213 2.784803013 1 1.868440851
 1.998669578 1.976800103 3.191855458 1 2.302342033 4.71082763
 7.996232526 4.834310021 1 0.955516959 1.090788507 0.915093117
 0.527772879 1.159019677 1 1.377015737 2.483566784 2.432844105

3.16657969 3.724565644 1 1.390930924 2.039735266 1.605165771
 2.068106961 4.668172322 1.670690585
 YOR374W "YOR374W::ALD4::Glucose repressed. Utilizes NADP+ or NAD+ as a
 coenzyme equally well. (sold by SIGMA under the catalogue number A5550,
 according to A. Blomberg)." 1 0.929638087 1.216115371 1.117895356
 0.478263602 1 1.729053028 1.918756465 0.819917268 0.863332897 1
 1.450479693 1.459384885 2.517678009 0.759440148 1 6.182081836
 5.778978082 7.507936059 4.392210003 1 2.881011492 1.495274619
 2.651965508 3.246250154 1 1.286013199 1.446373513 1.967177295
 0.818299692 0.822751244 1 1.089904445 0.774201432 1.842042358
 0.98943177 0.559847942 1 1.169200854 0.721209064 1.556095401
 0.850712309 2.183143806 1.027982598
 YOR376W YOR376W::YOR376W::molecular_function unknown
 0.944833402
 0.260600481 0.242052623 1 0.973681245
 1.015854772 0.664529525
 0.860437403 1 1.171263817 2.152025902

 YNL029C YNL029C::KTR5::Putative mannosyltransferase of the KRE2 family 1
 0.803700017 0.846700573 0.923587398 0.956711116 1 0.972311379
 1.056776774 0.9234761 1 1.021272015 0.911490232 0.689912147
 1.042890233 1 1.340117431 1.031716912 1 3.376376276
 3.228849831 1.834170366 2.524218335 1 0.988872877 1.194787338
 1.151474187 1.057590892 1.038669745 1.146570778 1.080719102
 1.26228897 0.957886178 1.129263528 1 1.036174678 0.9477175
 0.954291741 1.010393631 1.051984765
 YML052W YML052W::SUR7::Multicopy suppressor of rvs167 mutation 1
 1.173239315 0.986209025 0.866276888 0.973187131 1 0.921007523
 0.945409407 0.869577787 1.031677917 1 0.934056141 0.841732849
 0.866378112 0.686312813 1 1.206549375 0.723622814 0.893412432
 0.396873167 1 1.068412836 0.893496101 0.951469046 0.303616713 1
 0.854144408 0.610878004 0.616232323 1.102738046 0.65411546 1
 0.689261137 0.486714604 0.541012368 0.572756314 0.736358514 1
 0.821681368 0.57767389 0.788845337 0.935666301 1.144584679
 YOR378W YOR378W::YOR378W::molecular_function unknown 1 1.471537151
 1.123845781 1.52993065 0.838075516 1 1.205072586 1.325999454
 1.216111308 0.975188451 1 1.182482101 1.128340491 1.277883732 1
 1
 0.769303965 1.103313821 1.47895924 1.066673392 1 0.912798681
 0.771738852 1.405615483 0.730252597 1 0.68289981 1.165859611
 1.165891875 0.390434925 0.911562178
 YNL031C YNL031C::HHT2::Histone H3 (HHT1 and HHT2 code for identical
 proteins) 1 1.184327316 1.277704089 0.909484364 2.247278371 1
 1.009799844 1.177030366 1.73119503 1.764461255 1 1.007106116
 0.902666093 0.98821332 1.6077595 1 0.938777811 0.704338568
 0.436778033 0.994955815 1 1.534335561 1.244582559 1.121784562
 1.257917838 1 0.751087635 0.75933218 0.850143375 0.933578168
 1.060807638 1 0.503407115 0.984467897 0.711780643 1.084718489
 1.179741761 1 0.71398631 1.07017354 1.233986589 1.371283658
 1.331005279 1.468421488
 YMR316CA YMR316CA::YMR316C-A::molecular_function unknown 0.759704059
 0.754283575 1.107683313 1.128752703
 0.734229921 1.330996742 1 1.236295883 1.814335226
 1.631713202 1.970693958 1 1.419530241 1.945552387 1.424745073
 1.215569821 1 1.038548578 1.062278544 0.803004616 1
 0.748611279 0.931572512 0.824440331 0.910358988 1.293968229
 0.747669599 0.750403731 0.894064174 1.027982598

YNL033W YNL033W::YNL033W::molecular_function unknown 1 1.415533958
 1.248224629 1.377155783 1 1.399962851 1.766082138 1.819777163
 1.719880912 1 1.82770983 1.621791544 1.631416064 1.401962865 1
 1.12715111 0.85483452 0.758373238 1 1.331131626 1.528813171
 0.884805211 0.935629436 0.97235437 1.024809893 1
 0.745584226 0.850982565 1.433658364 1 0.805821087
 1.200907051 0.90276836
 YNL035C YNL035C::YNL035C::molecular_function unknown 1 0.855569344
 0.887860598 0.91152267 0.871423984 1 0.927428273 1.000166407
 0.834422307 0.832811356 1 0.942688768 0.801413825 0.696115375
 0.868477737 1 0.798838822 0.510736114 0.569967036 0.896704114 1
 1.11728672 0.849547406 1.239602677 0.975778177 0.997714676
 0.948696125 1.179948442 1.073610364 1 0.857211571 0.861651967
 1.022794358 0.763198279 1 1.010228314 0.974911965 0.723982931
 0.65752725 0.880877781
 YNL037C YNL037C::IDH1::alpha-4-beta-4 subunit of mitochondrial isocitrate
 dehydrogenase 1 1 1.226009957 1.482198085 1.477177147 1.319656272 1
 1.40695588 1.649916944 1.259333163 1.179153401 1 1.063311066
 1.148927828 1.708171467 1.252621296 1 1.57307823 1.538689038
 2.323513703 1.754751348 1 1.66420238 1.285083721 2.296499978
 2.148289916 1 0.875703149 0.817548464 1.634668075 1.066165694
 0.821742135 1 0.792994392 1.365652908 1.783158878 3.028291038
 0.813051165 1 1.116228416 1.276556494 1.340605258 1.052943755
 1.35447278 0.945673958
 YIR027C YIR027C::DAL1::allantoinase 0.896376918
 1.122557578 0.934364771 1.205797365 1
 0.966303445 2.544380392 1.9718424 1 0.88287457 2.270656533
 1.459779776 0.747402882 1 0.792101386 1.169417553
 1.007776535 1 0.849285307 1 0.563556139
 0.838847796
 YIR029W YIR029W::DAL2::allantoicase 1 1.017739566 1.211596039
 0.94614394 1 1.095698371 1.111903933 1.214643607 1
 1.200568425 1.555563673 1.165811906 1 1.361993859
 2.000719038 0.359727586 0.300462411 0.22503674 1
 1.034292504 1.301038155 1.084934906 1.145047425 1.1147975 1
 0.912130103 1.100189882 0.97614088 2.301850797 1 0.928821335
 1.041444268 1.349307519 1.319588405
 YIR031C YIR031C::DAL7::allantoin pathway 1 0.816432066
 1.002080587 0.772592093 1 0.909223024 0.954984004 1.016892121 1
 0.926130339 1.013611926 0.83513396 1.219710311 1 1.243556108
 0.950602587 1.205068894 1.342916386 1 1.095857689 1.251899144
 0.550458576 1.620977987 1 1.039770384 1.114172515 1.06159797
 1.142896601 1.039856913 1 1.109801825 1.109184302 0.986112811
 1.273878517 1.603597094 1 1.333581805 1.020942316 1.372983884
 1.173746547 1.52551298 0.842350299
 YGL112C YGL112C::TAF6::TATA-binding protein-associated-factor 1
 1.093495422 1.158509464 1.395551963 0.961512893 1 1.239256346
 1.093952186 1.170055316 1.174969571 1 1.066174492 1.040183476
 0.853101407 1.029073145 0.857491253 0.934962333 1
 0.891231215 0.456448124 1.243363886 1 0.935708746 0.953609253
 0.935506969 0.991683404 1.061652577 1 0.976089298 0.888174274
 0.727868913 0.785906281 0.711764733 1 1.153135103 0.987404959
 1.055947869 1.109452898 0.924136082 1.030609488
 YJL001W "YJL001W::PRE3::Responsible for the postacidic activity of the yeast
 20S proteasome, and necessary for hydrolysis of peptidylglutamyl-peptide." 1
 1.1011584 1.345715516 1.286754217 1.502558673 1 1.120165214
 1.162240179 1.711593654 1.492413391 1 1.087928367 1.619163099

2.035211305 1.286994701 1 1.488643894 1.302880692 1.685629908
 2.340505055 1 1.746285609 1.622435958 2.277408981 1.700563651 1
 1.359438429 1.823917572 1.916505147 1.024627865 1.049449411 1
 1.093874418 2.672621424 1.541991098 0.939353269 1.191204497 1
 1.332315217 2.081008481 1.379698099 1.333133376 1.258735885 1.628660653
 YGL114W YGL114W::YGL114W::molecular_function unknown 1 0.995589948
 0.786187157 0.894457832 0.609940916 1 1.053146416 0.989544996
 0.77292552 0.722784356 1 2.662359413 1.637470781 0.781513643
 0.78398437 1 1.525862007 1.034005646 1.188023277 0.524439592 1
 2.288564001 1.393539877 1.358512331 1.070879389 1 1.549035376
 1.512507199 1.249647535 1.138406551 0.972272402 1 1.48747719
 1.017033977 1.376449185 1.301373446 0.382781619 1 1.252446727
 0.88019228 0.908050532 0.51159678 0.525002379 0.738151027
 YJL003W YJL003W::COX16::Cytochrome oxidase assembly 1 1.410862515
 1.133896811 2.000011399 1 1.165049488 1.154505986 2.079216012
 1.623334924 1 1.176209314 1.415540677 1.826844611 1.400036615 1
 1.338953397 1.09186975 1.611999741 2.021197801 1 1.754110622
 3.493144282 2.194279509 1.418808241 1 0.964953231 1.112054829
 0.780788861 0.800764063 0.990401752 1 0.882312398 1.594392617
 1.258500677 1.192686231 2.015626298 1 1.32781077 1.812805399
 1.273772036 2.011927262 1.89279246 1.859825439
 YGL128C YGL128C::CWC23::Complexed with Cef1p 1 1.230601092
 1.300781218 1.185251784 1.303152933 1 1.201323008 1.181726529
 1.450360142 1.265139559 1 1.297114591 1.346960784 1.584184844
 0.953029509 0.553776047
 1 0.599246171 0.549505423 0.661154706 0.662756956 0.959265959 1
 1.099018301 0.699059442 1 1.399689494
 1.169557446 0.619941796
 YJL005W "YJL005W::CYR1::Required for START A of cell cycle, and glucose and
 nitrogen repression of sporulation" 1 1.415302714 1.461062632 1.592409274
 1.481337698 1 1.616493867 1.6080887 1.478263836 1.294898561 1
 1.435769491 1.706005474 1.694701725 1.526440056 1 1.798284853
 2.025396975 1.314418119
 0.827999943
 0.791402472 -183.88104
 YJL005W "YJL005W::CYR1::Required for START A of cell cycle, and glucose and
 nitrogen repression of sporulation"
 1 1.080658248 1.086607328 1.389516703
 1.383005418 1.134322623 1 0.992393156 1.227982836 1.012374191
 1.16779862 0.944976123 1 1.090395185 1.065733427 1.087273659
 1.074651224 0.828531695 1.006092019
 YGL130W "YGL130W::CEG1::mRNA guanylyltransferase (mRNA capping enzyme),
 alpha subunit" 1 0.808642276 1.009941294 0.999711734 1
 0.920169148 1.009900462 1.11862457 1.12911336 1 0.874795237
 1.003171799 0.882832718 1.106755105 1 0.818152843 0.459345659
 0.739075896 0.584126239 1 0.761595798 0.828178731 0.846199354 1
 1.010656889 1.017366711 1.177131146 1.106870798 1.112810047 1
 1.091959808 0.857280074 0.986112811 0.956039765 0.71685387 1
 0.923173545 0.876730537 0.834608216 0.715123104 0.649451145 0.621693021
 YJL007C YJL007C::YJL007C::molecular_function unknown 1 1.180391276
 1.320927471 1.123750428 1 1.13853169 1.087811304
 1.097137831 1 1.173442435 1.230727773 1.134515567 1.147480607 1
 0.830002314 1.21108853 0.500591818 0.580355654 1
 1.232412517 1.187877715 1.515459996 1.270012598 1.146642868 1
 1.077959636 1.306699393 0.97947234 0.98710514 1.045238668 1
 0.831864863 1.024905087 0.794741605 0.949223229 0.536879351 1.339704695

YNL039W YNL039W::BDP1::RNA polymerase III Transcription factor TFIIIB (90 kDa subunit; also called TFIIIB90 or B'' or B''90 component) 1
0.666988233 1.033443516 0.943317901 0.844326553 1 0.886687326
0.909567205 0.943255761 0.947966348 1 0.709323804 0.91830247
0.864415524 0.932463184 1 1.007273268 1.115255259 1.02619119 1
1.22153975 1.312424675 1.054942089 0.898886139 1 0.72425831
0.850869834 0.711671825 0.974023506 1 1.067653164 0.961899667
0.995676409 1.130490269 1.227541013 1 1.013637676 1.00174471
1.150996667 0.939261105 1.085052556 1.127803701

YGL132W YGL132W::YGL132W::molecular_function unknown 1
1.254615951 1.316891159 1.098930402 1 1.223922568 1.222195952
1.21750651 1.316371449 1 1.316391018 1.237935456 0.956223079
1.241876793 1 0.80380933 0.775048775 0.723883935
0.633306882 0.783871491 0.393751136 0.457683418 1 1.159178631
1.230651781 1.25336786 0.93516004 1 1.196205803 1.143060824
1.197678819 0.951203641 1.025854691 1 0.806212537 1.099218533
0.880103707 0.847521672 0.970212948 1.291545421

YJL009W YJL009W::YJL009W::molecular_function unknown 1 1.175313379
1.318027562 0.995027395 1.605841301 1 0.956167655 0.839595508
1.518368353 1.520390588 1 0.860443933 1.057903055 1.635391387
1.05362214 1 0.968883903 0.786578989 1.007584208 1.180869715 1
1.382077859 2.554203803 1.999926396 1.042077628 1 0.725183438
0.958582808 0.653885911 0.596594148 0.735987431 1 0.964714742
1.634801767 0.795397006 0.629855324 1.178392509 1 1.380801141
1.969784859 1.269752714 1.776292006 1.19560635 1.949139086

YNL053W YNL053W::MSG5::Tyrosine protein phosphatase involved in adaptation response to pheromone 1 0.890850775 0.760153025 0.896331317 0.869728462 1
1.099507643 0.876154938 0.803918445 0.906225924 1 0.729602773
0.680148001 0.666603933 0.949305549 1 0.61333122 0.680584389
0.61666201 1 0.99683532 1.065168054 0.979966902 1.2400925 1
0.919756991 0.824462462 0.956887959 1.080949123 1.02031154 1
0.566489245 0.566341656 0.72503794 0.730610662 0.845210327 1
0.684762922 0.827285763 0.610139578 1.033477311 1.01222136

YGL134W YGL134W::PCL10::PHO85 cyclin 1 0.834823608 1.026036406
1.008433337 0.990257385 1 0.864030677 0.998637849 1.106590758
1.208026285 1 0.831750839 1.010957044 0.890534655 1.084206405 1
1.292509714 0.974426376 1.141908362 1.009422059 1 1.649403467
2.245446124 1.08603209 1 1.112651321 1.124933032 1.150823398
1.111923217 1 1.161221151 1.428730897 1.022542435 0.996495621
1.211247741 1 1.172493487 1.212948678 1.053565236 1.246441827
1.286643122 0.921156488

YJL011C YJL011C::RPC17::Sspecific subunit of Pol III which participates together with C34 in the recruitment of Pol III by the preinitiation complex. 1
0.992325914 1.21766512 1.005702785 1.740566257 1 0.869987844
0.77574513 1.615610747 1.519950087 1 0.777319928 0.862852899
0.917334422 1.167227036 1 0.290719655 0.355233068 0.393815595
0.955136917 1 0.587438591 0.973879351 1.152148277 0.799115503 1
0.761093378 0.819131448 0.675627491 0.770126727 1 0.861884702
1.635599216 1.268607334 2.103210991 1 0.871043259 1.125120048
1.043808819 1.517207337 0.895638291 1.126928036

YNL055C "YNL055C::POR1::Outer mitochondrial membrane porin (voltage-dependent anion channel, or VDAC)" 1 0.913498576 0.718657987 0.86469285
0.683578785 1 0.783058909 0.892550357 0.744774551 0.923565963 1
0.982859166 1.038607966 1.621735494 0.933958627 1 1.420764011
1.435926438 1.871865243 1.616261626 1 0.8891052 0.476495171
0.700850494 1.180996409 1 1.336025639 1.078391959 1.909116579
1.514000134 0.923614859 1 0.931842015 1.033643186 1.30421378

	0.861229722	0.79514049	1	0.984727339	0.906868411	1.001961874
	0.617007924	1.110382393	0.90539525			
YGL136C	YGL136C::MRM2::Mitochondrial rRNA Methyltransferase; methylates the					
21S (mitochondrial)	rRNA at position U2791		1	0.894634883	1.082133263	
	0.815704188	1.214188854	1	0.832401455	0.830248213	1.191742816
	1.272945372	1	0.793575528	0.894542467	1.657041773	0.889148606
	0.766490474	0.612281282	0.805317395	1.268433041	1	1.316148454
	2.055403147	1.848019079	1.485461057	1	1.011183401	1.002519377
	1.028561951	0.819045697	0.957364614	1	1.01923586	1.480846083
	0.959699115	0.965956972	1.470584381	1	0.633241511	0.990281114
	0.813897278	1.172714559	0.725522986	1.334451019		
YJL025W	YJL025W::RRN7::involved in the transcription of 35S rRNA genes by					
RNA polymerase I	1	0.792955605	1.103385414	0.88606027	1	
	0.883693826	0.914369889	1.021212628	0.979710462	1	0.646846805
	0.690394844	0.639690237	0.949179223	1	0.51307788	1.197174826
	1.239334173	0.751760733	1	0.378522169	0.97285543	0.425053516
	0.504689549	1	0.758336089	0.695604252	0.77188226	0.977971357
	0.927945833	1	0.578519665	0.701463293	0.392545687	0.93270555
	0.770478528	0.735170589	0.801762093	1.225161875	1.267104821	
	1.091027549					
YNL057W	YNL057W::YNL057W::molecular_function unknown					
	1	0.99500015				
	0.905560791	0.798887048	1	0.922536217	0.80468115	
	0.832530991	1	1.112079984	1.078673846	1.014006635	0.837826819
	0.706520876	0.841002344	0.911529144	0.651289586	1	0.63762529
	0.702032666	0.691474637	0.715173448	1	1.051919829	1.18227408
	1.026699819	1.050088374	0.883671234	1	1.24929588	0.842159301
	0.628750479	0.873209578	1.504186885	1	1.043850496	0.867567371
	1.049203121	0.567669053	1.194314384	0.923783274		
YGL138C	YGL138C::YGL138C::molecular_function unknown					
		0.057044182		1	1.276346422	
	0.892837734	0.737538174	1	0.956707141	1.272776204	
	0.690835244	0.875117916	1	1.006256567	1.764761198	1.558202622
YNL059C	YNL059C::ARP5::Actin-related protein. Part of the carboxypeptidase Y					
pathway.	1	0.632101083	0.734890222	0.914020287	0.752740876	1
	0.918089809	0.888702536	0.671776838	1	0.891369917	0.886278778
	0.577749301	0.926469201	1	0.891990796	0.978590896	0.652271479
	0.712705374	1	1.2945043	0.773556374	1.065824653	0.810890224
	0.844628628	1.007908964	0.889936753	0.748451142	0.891136302	1
	1.100873789	0.943010418	1.02148906	1.150020901	0.844522641	1
	1.321670092	1.075052247	1.23523174	0.593015095	1.180688868	0.815205939
YGL152C	YGL152C::YGL152C::molecular_function unknown					
	1	0.782496289				
	1.057093733	0.916228199	1.446701307	1	0.847164435	0.902423731
	1.349569697	1.369885576	1	0.972172034	1.111877064	1.532323492
	1.07705811	1	1.753769786	0.925345088	1.139724944	1.16983428
	2.588776479	3.154299749	2.868744207	1.656419432	1	1.116289821
	1.689596235	1.038536362	0.726224305	0.958809544	1	1.296701061
	1.794935249	1.360444611	1.335253729	1.857520929	1	1.258109942
	1.917090701	1.597642767	1.804301681	1.377000709	1.17421175	
YNL061W	YNL061W::NOP2::May participate in nucleolar function during the					
transition from stationary phase to rapid growth	1	0.779018028				
	0.710837852	0.709627783	0.692963298	1	0.707451971	0.662625213
	0.814914036	0.759619541	1	0.531901734	0.362945676	0.313148228
	0.790237498	1	0.417966762	0.254425623	0.313501984	0.459275486
	0.606161014	0.336899069	0.239740209	0.43309773	1	0.796314428
	0.590754534	0.692800178	0.845976372	0.786833142	1	0.793176132

0.592660457 0.376982014 0.887377362 0.877196652 1 0.787427648
 0.760942307 0.898475366 0.958608653 0.573984971 0.808200933
 YGL154C YGL154C::LYS5::Responsible for the posttranslational conversion of
 the alpha-aminoadipate semialdehyde reductase Lys2 from the inactive apo-form
 into the catalytically active holo-form. 1 1.72233404 1.824730286
 1.357568109 2.293476453 1 1.457551875 1.442511912 2.10036043
 1.663239799 1 1.542130607 1.622432779 2.060234694 1.563613721
 0.652431893 0.480929979 1 2.113720567 2.996659611
 1 1.110562951 1.230624569 1.179779919 1.029827594 0.99531354 1
 1.187155165 1.403555138 1.249622792 0.960630098 1.61613838 1
 1.006074796 1.235692241 0.874042149 1.317383693 0.817450608 1.471048274
 YNL063W YNL063W::YNL063W::molecular_function unknown 1 1.11952162
 1.064631513 1.012912925 1.11808761 1 0.920055422 1.003576067
 1.383349581 1.401294754 1 0.861104419 0.93459984 1.141920493
 1.251192848 1 0.715067439 0.591154618 0.843429234 1.162303772 1
 1.068806597 1.041740193 1.343729528 1 0.917587986 0.733904337
 0.887761832 0.856763695 0.889223322 1 1.153372087 0.886083013
 0.81663998 1.124725537 1 1.159142721 0.923704309 0.948078713
 0.954995486 1.000634428 1.035863164
 YNL077W YNL077W::YNL077W::molecular_function unknown 1 1.485810171
 1.399973304 1.159686941 1.282315358 1 1.247154547 1.497771259
 1.342832894 1 1.064733602 1.207610934 1.086488943 1.131559257
 0.764117817 0.532240705 1 1
 0.889621614 0.735289896 0.865846446 0.95612304 0.944498497 1
 0.869624771 0.925956233 0.500415455 1.111348119 1.043059432 1
 0.801522401 0.817570617 0.831218997 0.929289502 1.152321171
 YNL079C YNL079C::TPM1::tropomyosin I 1 1.112825756 1.210797772
 1.146098319 1.359418965 1 1.065532751 1.036120359 1.454112782
 1.558933355 1 0.914915524 1.105061448 1.459504221 1.391691647 1
 1.007684544 0.828035942 0.887253384 1.036556764 1 1.4354221
 1.2647863 1.568229961 1.441907845 1 1.079032853 1.142219347
 1.168353548 0.997665213 0.986663615 1 1.261407039 1.780190857
 1.464061628 1.486606561 1.877655765 1 1.081328707 1.349903896
 1.20812732 1.273136794 1.394962103 1.372978396
 YNL081C YNL081C::YNL081C::molecular_function unknown* 1 0.876877052
 1.323567193 1.043481529 1.731300806 1 0.977627875 1.105004734
 1.306660441 0.934872564 1 0.981492609 1.001088921 1.49735834
 1.098931959 1 1.077571176 0.898454735 0.663079888 1.070518103 1
 2.181668733 2.839241109 1.57350181 1 1.021112156 1.061886377
 0.711275097 0.624739867 0.946254619 1 1.534504411 2.062057658
 1.412657245 1.209157159 2.24112455 1 1.479706054 1.56873393
 1.025441961 1.854202192 2.03608058 1.540222567
 YJL027C YJL027C::YJL027C::molecular_function unknown 1 1.739354095
 1.815512031 1 1.534843477 1.579054259 1.801077232
 1.603741276 1 1.467733987 1.459599483 1
 2.026361912 0.320145932 1
 0.862419347 1 1.132765853 1.648360665 1
 0.461603626 1.179755567
 YJL029C YJL029C::VPS53::Required for Vacuolar Protein Sorting 1
 0.743398127 0.747034786 0.943299302 0.650964028 1 0.881133866
 0.891675704 0.79996593 0.715721599 1 0.792830316 0.897497507
 0.598746996 1.019198879 1 1.451319255 0.824332298 1.504821716
 1.185608068 1 0.782934389 0.837272727 0.792451837 0.759196494 1
 0.767307143 0.799647454 0.848339305 0.723568598 0.715533071 1
 1.108549302 0.767423836 0.766116795 1.088512503 0.661714367 1
 1.011333486 0.885936412 1.164371768 0.782574563 1.129449666 1.009594469

YJL031C YJL031C::BET4::catalyzes prenylation of Ypt1p (as a subunit of PGGTase-II) 1 0.809932157 1.339823268 1.038890178 1.245508439 1 0.848858354 1.101918806 1.450087018 1.217590352 1 0.905761144 1.448191524 1.606623302 1.121650076 1 1.673635232 1.439697417 1.52656041 2.157694131 1 1.545102242 2.211680285 2.679013172 1.350601499 1 1.071753028 1.348592048 0.975900925 0.803053806 1.095056973 1 1.158996565 1.738333164 0.934560029 0.883669376 1.286885116 1 1.653233256 1.73007679 1.297955487 1.288992808 1.649849277 1.446530805

YGL156W YGL156W::AMS1::vacuolar alpha mannosidase 1 1.302329994 1.327715878 2.365321933 1.141352424 1 1.754567427 2.036846114 1.440290574 1 1.304176444 2.233858406 1.926218317 1.929748623 1.740438924 3.920838665 2.00333696 1.236393786 1 1.029564441 1.283335057 1.214592499 1.259348966 1 0.850493235 1.226223142 3.20915398 4.295629424 1.692560289 1 0.967047451 1.414787366 1.771777146 0.733061494 2.481730214 1.126052476

YJL033W YJL033W::HCA4::putative RNA helicase 1 0.615268128 0.4808448 0.763071945 0.558612014 1 0.579896862 0.496127608 0.774843092 0.782705927 1 0.309116559 0.211183611 0.17403057 0.809096062 1 0.200952333 0.2280185 0.333889768 1 0.322322063 0.400579543 0.111812911 0.521458906 1 0.662807976 0.415823488 0.645999097 0.866698625 0.806521051 1 0.715017371 0.565932752 0.333526332 0.915983347 1.189524271 1 0.485490374 0.505121269 1.05962708 1.172927915 0.423544642 0.859862762

YGL158W YGL158W::RCK1::Serine/threonine protein kinase 1.080129059 0.852344457 1.040109335 0.726996078 0.819164737 0.723392879 1 0.667149122 0.773343202 0.867790814 1 0.926980407 1 0.774858536 1.213858941 0.952678964

YJL035C YJL035C::TAD2::tRNA-specific adenosine-34 deaminase subunit Tad2p 1 0.99360511 0.971522177 1.361385865 1 1.007797381 0.950707272 1.283369314 1 0.703688312 0.927201901 1.375734182 1.037834411 1 1.216896569 2.256010388 1.506266286 1 1.563032709 0.986355773 0.730048529 1 0.99987386 0.840868706 0.699209012 0.828446181 0.992924864 1 0.987526278 1.110096795 0.875485019 0.720348933 1.46375082 1 1.100832466 1.085837333 0.932827613 1.549695345 1.116911529 1.360719714

YGL160W YGL160W::YGL160W::molecular_function unknown 1 1.402940896 0.995852369 1.438935259 1.114169431 1 1.427836786 1.04623811 0.960578089 1 1.318635032 1.271437279 1.602956682 1.41829516 1 1.55271097 1.433387316 1.312151484 1 0.992009457 0.779236794 1.241224176 1.337053578 1 0.926572285 1.061939638 0.972031793 1.102569636 0.838595991 1 0.811946827 0.64562081 0.749660737 0.716529974 0.667521064 1 1.058946017 0.871022344 1.036801145 0.89946761 1.484254957 0.80995221

YJL050W YJL050W::MTR4::Dead-box family helicase required for mRNA export from nucleus 1 0.814647035 0.608600156 0.979429898 0.680871538 1 0.856289192 0.789741521 0.768545384 0.707552542 1 0.653475123 0.400726688 0.370012989 0.953645709 1 0.611425277 0.364956534 0.674052689 1 0.802079537 0.503348106 0.626248084 1.062692935 0.859171227 1 0.901598814 0.441205962 0.290767428 0.726068211 0.620773125 1 0.6617661 0.464242527 0.731727275 0.896590363 0.379248176 0.826589061

YGL162W YGL162W::SUT1::Involved in sterol uptake 1 1.768881114 1.421882569 1.111422344 1.239834518 1 0.994354429 1.14517168 0.972928221 0.920907723 1 1.537692515 1.143367367 1.122671662

	1.425212633	0.489556637	0.77142461			
	1	0.970779946	0.426743031	0.690950284	1	
	1.442828779	1.282870388	1.228448446	1.752099881	1	0.798030731
	0.857393492	0.871828866	0.787103369	1.224998019		
YJL052W	YJL052W::TDH1::Glyceraldehyde-3-phosphate dehydrogenase	1	1			
	1.493191456	1.126686725	1.038506293	1.043898963	1	1.550762982
	1.304294991	1.05839029	1.153903712	1	1.623349388	2.043513369
	2.871124377	1.476313324	1	1.89338221	2.311347285	3.662915042
	1.808867047	1	1.159288539	0.871012711	1.120595595	0.93926193
	1.246762499	1.038646444	2.458352419	1.517040193	1.173377692	1
	1.133173546	1.9924391	1.989027034	1.775900003	0.830781529	1
	1.348981937	1.495659553	1.931923382	1.0795514	1.552522219	1.082271213
YNL083W	YNL083W::YNL083W::molecular_function unknown	1	1	1.300859262		
	1.112779856	1.361724844	1.347626669	1	1.38310807	1.429119055
	1.186515013	1	1.190615541	1.11885819	1.081030295	1.32217872
	1.087084116	0.966929386	0.962945064	1	1.046554616	0.993636777
	0.73867652	1.290170348	1	0.94816859	0.867119837	1.04770035
	1.104912616	1	0.818047057	0.622158722	0.652071301	1
	1.228011771	1.018357905	0.949657543	1.035626114	1.090281049	0.847604027
YGL176C	YGL176C::YGL176C::molecular_function unknown	1	1	1.35280289		
	1.441150532	1.4993572	1.021156474	1	1.334729394	1.1593323
	1.228455388	1	1.209709597	1.020690661	1.82529212	1.735223934
	0.727330491	0.856777359	0.956250834	1	1.041503192	
	1.757209906	1.499404776	1	0.863535632	0.783474519	0.822349639
	0.9725679	1.122575332	1	0.931665897	0.64085872	0.866861914
	0.840575088	0.810784811	1	0.781146776	0.73519223	1.064944936
	0.527460521	1.097851275	0.873872775			
YJL054W	"YJL054W::TIM54::Translocase Inner Membrane, 54kD"	1				
	1.266941259	1.182810361	1.38576628	1.326912214	1	1.239931284
	1.231121042	1.329704156	1.149061872	1	1.056867169	1.032073504
	0.809609318	1.290244281	1	1.349176328	1.277630337	1.274125476
	1.054735323	0.758152452	0.710985619	1	1.209787576	1.28386551
	0.992313594	1.249558822	1.04972133	1	0.89784722	0.890552542
	0.60037784	0.57495754	0.878465684	1	1.065331247	1.151697972
	0.820362213	1.214385529	0.888174264	1.06738564		
YNL085W	YNL085W::MKT1::Protein involved in propagation of M2 dsRNA satellite of L-A virus	1	1	0.842591493	1	
	1.393289933	1.295603782	0.967275804	0.824322393	1	1.293485254
	1.081539032	0.481876107	1.06675669	1	0.78345647	0.627403893
	0.657316746	0.503701578	1	0.507648111	0.282833297	0.384042017
	0.718227571	1	0.974439251	0.783531105	0.971860423	1.115239583
	0.804073132	1	0.899889821	0.628042091	0.638274574	0.636291346
	0.490865029	1	1.119100614	0.940755104	1.074281425	0.786075071
	1.051797403	0.611185564				
YGL178W	YGL178W::MPT5::Product of gene unknown	1	1	2.283054588		
	1.608102046	1	1.835622839	1.647066689	1.75602084	1.742326661
	1.422691845	3.171599475		0.345703046		
			1.188052711	1.046495905	1.0354847	1
	1.257029913	1.32290828	0.923377542	1.141278158	1	0.856369427
	0.719045736	0.663168746	0.72381859	1.192599878		
YJL056C	YJL056C::ZAP1::Zinc-regulated DNA binding protein involved in zinc ion homeostasis	1	1			
	1.014489256	1.206472674	1.060368305	1.698058765	1	0.896809478
	0.710247572	0.456603601	1.872973276	1	0.591153345	0.437631999
	0.582549609	1	0.488454689	0.408914942	0.229182465	0.417275574
	0.866097939	0.837539152	0.981487811	1.154783042	0.880812349	1

	0.823214023	0.687656475	0.628097334	1.007539303	0.603952067	1	
	0.74951503	0.741465559	1.113656579	0.90977193	0.744768656	0.718011674	
YNL087W	YNL087W::YNL087W::molecular_function unknown		1	1.226705356			
	0.899446029	1.219332104	0.9086037	1	1.333640713	1.077781344	
	0.887115872	0.808455275	1	1.47907689	0.873557048	0.503635441	
	0.934134357	1	1.050570657	0.62227131	0.44775809	0.339010865	
	1.132734479	0.857673995	0.52580921	0.531608518	1	0.966941442	
	0.819237066	0.723828441	1.184627129	0.671374632	1	1.118173631	
	0.631577561	0.494855912	0.721315755	0.465205402	1	1.080882401	
	0.816168254	0.843388234	0.69875297	0.527324619	0.584041204		
YJL058C	YJL058C::BIT1::Binding Protein of Tor2		1	0.90163974			
	0.976856622	0.941961328	0.971447925	1	0.900796522	0.87671528	
	1.206013203	1	0.888296231	0.832796442	0.831442766	0.940529336	1
	1.06795961	1.064339783		0.332951778		0.543567	
	1	0.952026316	0.958233168	0.935086347	0.75637796	0.916828089	1
	0.833731132	0.965536648	1.051215481	0.937023454	0.900837534	1	
	1.056221339	1.018545886	1.047646367	0.777499451	1.040460739	0.945673958	
YGL180W	YGL180W::APG1::Required for autophagy		1	1.187526155			
	1.076272812	1.239019949	0.785697036	1	1.122149351	1.154510381	
	0.863048395	1	1.650769506		1	1.611199731	
	3.617933279	1.158042252	1	0.898394594	0.978400051	1	
	1.07597095	1.519578926	1.261423792	0.882827957	0.788300451	1	
	1.465418296	1.379190624	1.031555632	0.521432099	1	2.080492388	
	1.609123202	1.222254106	0.452271307	1.015951062			
YNL101W	YNL101W::YNL101W::molecular_function unknown		1	0.971183833			
	0.694886982	1.062212232	0.697144157	1	1.065257455	1.09584696	
	0.682993024	0.649435247	1	1.139220478	0.801397851	0.473951077	
	0.747410411	1	0.885302696	0.587571783	0.661649357		
	0.981796305		1	0.969815889	0.895962169	1.046920404	
	1.259928585	0.774577057	1	0.777001138	0.693605697	0.611596108	
	0.67198801	0.477143265	1	0.929057537	0.899830301	0.815381938	
	1.024625766	0.784559128					
YGL182C	YGL182C::YGL182C::molecular_function unknown						
	0.28759123		0.332822356	1	0.95851024		
	1.077013504	1	1.450613576	1.530568586	1.373305831	1.383667463	
	1.123314971		0.898768848	1.016975176	1	1.002447319	
	1.01930881	0.995973792		1.02633926	0.98245011		
YNL103W	YNL103W::MET4::member of the leucine zipper family of transcriptional activators		1	0.971404244	0.921002615	1.109379865	
	0.863145711	1	1.109124431	1.053139855	0.894866958	1	
	1.021527661	1.010842805	0.633288177	1.200878579	1	0.769310854	
	0.745055962	0.831383636		0.816081038	0.877801944	0.882002558	
	0.863184428	1	0.846242981	0.975380584	0.710859425	0.69059511	
	0.892376753	1	0.940874532	0.882517541	0.818889196	1.179021428	
	1.19555325	1	1.072111597	1.308386896	1.411881798	1.130617048	
	1.105760536	0.976320768					
YGL184C	YGL184C::STR3::Sulfur TRansfer		2.396084477	1.171843772			
	0.552138526		0.972214552	0.938018198	0.707539293	0.659161838	
	3.03578124	1.811869284	0.592462996	0.491452453	1	1.067827384	
	0.547827729	0.532084439	1	1.365841774	0.689702438	0.540141057	1
	0.833409255		0.879510578	1.075526687	1	8.971369664	
	0.811735651	10.97007106	1	4.725464964	0.929220338	0.942667468	
	1.740397521						
YNL105W	YNL105W::YNL105W::molecular_function unknown		1	1.371427277			
	1.77813562	1.007861818	1	2.090837553		1	
	1.686265332		1.339258123	1	0.54336283	0.578301296	

	0.927444924	0.50323579	1	0.789017511	3.179193361	0.964296794	
	0.340065338	1	0.801356292	0.861340556	0.91227834	1.010073625	1
	1.020064456	0.650053689	0.770635892		0.912758824	1	1.082344941
		0.907146044	0.992082006				
YGL186C	YGL186C::YGL186C::molecular_function	unknown				1.291620094	
	0.765285686	1.021985416	0.576612728	1.048490444	0.977559964		
	0.612140776	0.711200925		1.786746616	1.346473743	0.620508567	
	0.726409822	1	1.389665685	1.205355075	0.691267666	0.532084461	1
	1.427626457	0.850215052	0.863089861	0.872443451	1	1.267396582	
	1.42759809	1.507467435	1.336039534	1.193104532	1	0.922949622	
	1.184825096	1.091806677	0.82210996	1.17879821	1	1.33666721	
	1.341483225	0.996428163	1.024677032	1.916748561	0.830091564		
YNL107W	YNL107W::YAF9::Yeast homolog of the human leukemogenic protein AF9; member of a yeast chromatin modifying complex		1	0.87091237	1.149364988		
	0.982473909	1.208962796	1	0.939861407	1.110222919		1
	0.978728638	1.080773874	1.24653795	1.043288645	1	1.11740302	
	0.938338036	1.526173916	1	1.26504728	1.610093751	1.371042162	
	0.929417836		1.189194025	1.373238277	0.871911313	0.805700176	
	0.959742636	1	1.248437324	1.491516859	1.075302604		1
	1.051215478	1.200377038	1.448385348	1.218740314	1.417778051	0.911524592	
YNL109W	YNL109W::YNL109W::molecular_function	unknown				1	1.218928061
	1.495178257	0.837637693	1.338546806	1	0.962085209	1.006902359	
	1.396969228	1.190836745	1	0.896485969	1.07175168	1.26447949	
	0.941999817	1	1.19393955	1.086588246	0.873092681	1.03995444	1
	1.337445098		1.043903618	0.802608073	1	0.895201991	1.060911701
	0.736335718	0.786715138	0.788982596	1	1.158207133	1.558202085	
	0.959335247		1.614732751	1	1.033305143	1.419163982	1.080024026
	1.518044811	0.96675146	1.344958476				
YNL111C	YNL111C::CYB5::cytochrome b5		1	1.249812899	1.263454981		
	1.012815021	1.91055935	1	0.923313591	1.067143068	1.346320927	
	1.398285373	1	0.378512517	0.562057778	0.682933799	0.516069237	1
	0.307090136	0.202009525	0.290829766	0.647649121	1		
	0.874393334		1	0.210504503	0.158151447	0.245692595	0.75439501
	0.747313287	1	0.133832595	0.186465564	0.149838943	1.666559101	
	1.908426683	1	0.307685772	0.217842412	1.147422194	2.691205015	
	1.304173991	1.133933042					
YNL125C	YNL125C::ESBP6::Protein with similarity to mammalian monocarboxylate transporters MCT1 and MCT2		1	1.032691189	0.780163533	0.834189301	
	0.553582502	1	1.0173659	1.081283952	0.721959752	0.696713084	1
	1.538244965	0.979262712	0.745013841	0.738125113	1	1.950256458	
	1.613174705	2.096210431	1.069698377	1	0.633836837	0.558435086	
	0.517696126	0.339625733	1	0.967178376	1.195765922	1.234848727	
	1.400122606	0.830040554	1	0.68739664	0.716982218	0.794434672	
	0.919598186	1	0.756194284	0.82456213	0.9803332	0.821493567	
	1.028596865	0.746907259					
YJL060W	YJL060W::BNA3::Biosynthesis of Nicotinic Acid		1	1.868190837			
	1.798705927	1.658284374	1.453397553	1	1.635605237	1.404771885	
	1.346386403	1	1.726181745	1.992894138	1.907456517	1.021203879	
	1.01541112	0.830425515	0.544408417				1
	1.112384966	1.002757714	1.053202009	1.200435162	0.933561539	1	
	1.261624544	1.031990317	1.090731869	0.95791091	0.892620953	1	
	1.286675776	1.054185407	0.956859951	0.978573291	0.959273408	0.887882787	
YJL074C	YJL074C::SMC3::involved in sister chromatid cohesion		1				
	0.68955198	0.785129844	0.853105013	0.924821512	1	0.897202337	
	0.822492431		0.67110691	1	0.857620793	0.720989681	0.468509951
	0.92899391	1	1.491829374	1.045494532	0.739897591	1.156164488	1
	1.633730444		1.043667155	1	1.204896632	1.147016612	

1.15119283 0.911541651 1.129262361 1 1.415376092 1.507747821
1.73201855 1.393485765 0.815251162 1 1.232954087 1.771918839
1.269288678 1.042069237 0.908686934 1.112042463
YJL076W YJL076W::NET1::Nucleolar protein involved in exit from mitosis 1
0.679226451 0.701161517 0.890871515 0.67504735 1 0.934564631
0.933274936 0.69800289 0.674587489 1 0.88098688 0.723126088
0.419313137 0.836308041 1 0.603588916 0.434353203 0.511227184
0.580613003 0.837036052 0.771752283 0.735989703 1
0.930012154 0.763260367 0.964233179 1.374460125 0.866303221 1
0.834351172 0.474764863 0.786475262 0.880155374 0.433090044 1
0.719119666 0.642001739 0.683556324 0.61772713 0.569841167 0.542886884
YGL200C "YGL200C::EMP24::type I transmembrane protein, component of COPII-
coated, ER-derived transport vesicles" 1 1.291511372 1.106138902
0.926066265 1.226286892 1 1.018893727 0.953650564 1.259645102
1.236525538 1 1.12863861 1.153060245 1.229973586 1.147960957 1
0.999055056 0.712230182 0.68775288 1.084818561 1 1.58131129
0.910500412 1.03952481 1.265916418 1 1.303323885 1.145469969
1.026625477 1.001360723 1.09913207 1 0.932182556 1.294488741
1.002345105 0.766297103 1.173863531 1 1.124434024 1.530818821
1.155010346 1.443556672 1.354158893 1.362470939
YJL078C "YJL078C::PRY3::Pathogen Related in Sc, contains homology to the
plant PR-1 class of pathogen related proteins. The protein sequence is over 60%
identical with the Pry2p & Pry3p over 145 resid. PRY1 is >35% identical (50%
similar) to tobacco PR-1c protein." 1 0.869806968 0.65204917 0.61911439
0.387922521 1 0.981648644 0.908694426 0.340645447 0.45371047 1
1.027281379 0.953638485 0.607755129 0.469903856 1 0.897731855
0.803051696 1.344999328 0.50632528 1 0.528815482 0.607003516
0.446053237 0.368147969 1 1.242389571 0.990503577 1.304397909
1.39978287 0.802682864 1 0.542099615 0.468993585 0.722124164
0.378647263 0.375319979 1 0.55498144 0.551100043 0.936532369
0.612095163 0.650707943 0.612061177
YGL202W YGL202W::ARO8::aromatic amino acid aminotransferase 1
1.302134194 0.904011774 0.778131094 0.423962744 1 1.136227992
0.946510064 0.542256238 0.525657382 1 1.693978224 1.571045784
0.815280397 0.583716236 1 1.096435929 1.18382772 0.893412405
0.471214567 1 0.689008328 0.494309048 0.492675629 0.631683946 1
1.029651403 0.870378456 1.344867366 1.155262818 0.79872451 1
0.973754761 0.963912584 1.066984548 0.958848846 0.638982 1
0.978881529 1.040544329 1.213523706 0.643905845 0.805524679 0.87825089
YJL080C "YJL080C::SCP160::May be required during cell division for faithful
partitioning of the ER-nuclear envelope membranes, involved in control of
mitotic chromosome transmission" 1 0.78491641 0.79314892 0.925565298
0.730875618 1 1.015257263 1.086866103 0.695539407 1
0.9062148 0.643407535 0.449924857 0.736479312 1 0.660184604
0.415906081 0.479244307 0.379541619 1 0.411035734 0.41932555
0.334525005 0.354935558 1 1.008233933 0.739516514 0.873324701
1.120888931 0.779022337 1 0.853142727 0.46233245 0.778752661
0.640304735 0.377415485 1 0.818515748 0.651546846 0.725848688
0.610139628 0.615431866 0.746031646
YGL204C YGL204C::YGL204C::molecular_function unknown 1 1.164736005
1.239304774 1.387793875 1 1.068723023 1.222795682
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0.574097315 0.628914999 0.807216603 1 0.569920645
0.86964091 0.952737437 1.362224747 1.114755843 1
0.702027344 0.39975349 0.773084935 1.486628671 0.588176606 1
0.506427286 1.02766212 0.059088352 0.904189812 0.901017134

YJL082W YJL082W::IML2::Similar to Ykr018p 1 1.136520855 1.129219643
1.283002533 0.899293799 1 1.401280053 1.457022711 0.799712012
0.89301689 1 1.49000674 1.346956579 1.260766671 1.115753187 1
2.158418668 1.391191713 1.071931444 1 1.614137817 1.221550976
0.965735367 1 1.104936971 1.202993794 1.161087075 0.938696026
0.965326253 1 1.131489503 0.644274933 1.193003137 0.777505838
0.443576328 1 1.494710148 0.991662525 0.842594833 1.13369845
0.86161404
YGL206C YGL206C::CHC1::vesicle coat protein 0.850716031
0.908483206
1.286391556 1
1.255387127 0.893128187 0.866782164 0.830564868 1 0.905243163
0.995594599 0.957559393 1 0.65321637 0.895160464
0.728135151 1.102356038 0.8034814 1.050748842
YJL084C YJL084C::YJL084C::molecular_function unknown 1 0.95776221
0.934051079 1.287017158 0.980304905 1 1.229069833 1.161526143
0.898876138 0.956462112 1 1.245264379 1.097694287 0.798516731
0.988036452 1 1.246051705 1.610378051 0.791730396 1
0.405533407 0.424410623 0.520121513 1 1.166667388 1.096794082
0.959759766 1.165932853 0.781022357 1 1.024593692 0.711300823
1.218619288 0.999789754 0.533202497 1 0.901266583 1.034107585
0.828026496 0.921391926 0.808104302 0.630449305
YNL127W YNL127W::YNL127W::molecular_function unknown 1 0.732157825
0.727187142 1.016418363 0.538446204 1 0.945620242 0.804495954
0.583016157 1 0.939621558 0.955588418 0.569412259 0.866718201 1
1.049927278 1.010759538 0.827843276 0.862308078 1 0.728904786
0.9165541 1 0.816569041 0.946100547 0.988743605 0.911299353
0.95411591 1 1.102548524 0.810614924 0.860607526 0.879306207
0.676725117 1 0.88204261 0.864804853 1.191248979 0.77038712
1.177110168 0.823962171
YGL208W "YGL208W::SIP2::Member of a family of proteins, including Sip1p and Gal83p, that interact with Snf1p and Snf4p and are involved in the response to glucose starvation" 1 1.515136612 1.658781134 1.499441234 1.490839561 1
1.609189863 1.598015991 1.475042554 1.50570673 1 1.706922158
2.070979933 1.928530133 2.341131663 1 1.217877467 0.583376788
0.987569917 1.069841204 1 1.452278557 2.147856827 1.520515406 1
1.133149304 1.043353352 0.835615713 0.911997232 0.933723544 1
0.943455301 1.115272246 1.664909637 1.131169317 1.1326141 1
1.238270583 0.980441834 1.065801352 0.45943471 1.544698832 0.901017134
YJL098W "YJL098W::SAP185::SIT4 associated protein, MW of 185 kDa" 1
0.651806133 0.596655033 0.953825024 0.681703254 1 0.818916265
0.769507858 0.692586739 0.783335462 1 0.384393898 0.382027752
0.270064627 0.944098309 1 0.30972025 0.434520495 0.528513196 1
0.361315623 0.552988264 0.409996755 1 0.514401805 0.437277851
0.579146203 0.790027499 0.74342816 1 0.580223762 0.680148679
0.567891486 0.94304817 0.767887145 1 0.469689583 0.769511077
0.927258894 1.134439701 0.426149319 0.636578646
YNL129W YNL129W::YNL129W::molecular_function unknown 1 0.760903172
1.114052613 0.682726204 1.310382317 1 0.671689244 0.748180875
1.001594125 1 0.889507399 1.050340183 0.823799522 0.759249875 1
0.849618591 0.502046768 0.522291375 0.978835637 1 2.028425702
2.50467663 2.238740451 1.298527222 1 0.814267007 0.906434812
0.573291485 0.539323807 0.930897559 1 1.148165878 1.574645174
1.384845361 1.320434603 1.897265312 1 1.240005785 1.343874131
1.221909665 1.513175677 1.31080911
YJL100W YJL100W::LSB6::LAs17 Binding protein 1 0.984389609
1.026458897 1.043283029 0.707409938 1 1.130829798 1.118777285

0.93452256 0.985814389 1 1.572095785 1.655674448 1.161069435 0.804319
1 1.809436998 1.372407502 1.740956985 1.31002863 1 1.822807661
2.394964313 1.703683047 0.761429762 1 1.338098461 1.453265007
1.358086181 1.125996873 0.974132292 1 0.926737351 0.820405434
1.105750046 1.040961425 1 1.111156712 1.02285383 1.305414192
0.826373117 1.075618799 1.078768762
YGL210W YGL210W::YPT32::probably involved in intra-Golgi transport or in the
formation of transport vesicles at the most distal Golgi compartment 1
0.939976539 1.123934391 1.077267724 1 0.841012983 0.882581653
1.218571967 1 0.878932153 0.822020496 2.557070304 1.062701487 1
0.714612752 0.663847729 0.561053467 1.076500588 1 1.3606346
0.906788883 1.041810238 1.402246843 1 0.934576776 0.825497209
0.702309027 0.80629568 0.941757188 1 0.950740494 1.069766286
0.995296582 1.118716678 1.761953851 1 0.831411662 1.034728254
0.980917299 1.052274013 0.959920614 1.327446012
YJL102W YJL102W::MEF2::mitochondrial elongation factor G-like protein 1
0.766766437 1.102169243 1.138709855 0.913487688 1 1.32543914
1.325525632 0.922339038 0.877248765 1 1.136944891 1.179956913
1.093879253 1 1.521660531 0.938540671 1.753236087 1.347631988 1
1.519952159 2.231617556 1.351671823 0.786800072 1 1.087225253
1.313764056 0.796876948 0.847280333 0.947214477 1 1.216774723
0.992364222 1.021255052 0.597886432 0.543169565 1 1.40355226
1.086794869 0.936289925 1.410410306 1.006967579
YNL131W YNL131W::TOM22::Translocase of Outer Mitochondrial membrane
1.055212951 0.95660709 0.966078169 1.023022563 1.02185441
0.841360582 0.940735772 1.027152549 0.740258075 0.77001796
1.001461054 0.663754516 1.107107321
0.995814753 1 1.191703336 1.25841236 1.68065689 1.484172118
1.417300243 1 1.164305427 0.749094731 0.887756973 1.202794151
0.655984541 1 0.777096725 0.651498824 0.838117094 0.791807202
0.865508577 0.644459265
YGL224C YGL224C::SDT1::suppressor of deletion of TFIIS 1 1.703288248
1.306641706 1.15178708 1.498109474 1 1.245443794 1.094179793
1.608231916 1.433872385 1 1.841563187 1.161279301 0.901554672
1.380557631 1 0.823082014 0.651893304 0.706740202 1
1.321028005 0.985351391 1.456406345 1 0.85805094 0.690576154
0.569901316 0.796381127 0.735685486 1 0.924202667 0.895262031
1.226209826 0.913220316 1.127264151 1 1.264645778 1.270885659
1.168802783 0.858697238 1.310675169 1.303804103
YNL133C YNL133C::FYV6::Function required for Yeast Viability on toxin
exposure 1 0.902577918 1.176418566 0.888995761 1.426407261 1
0.984765021 1.510680292 1.443420294 1 0.949035082 1.395601031
1.223290653 1 0.910945386 0.548939982 0.625894436 1.111839373 1
1.982165947 2.661809007 2.303158462 1.725209399 1 0.904176842
0.978102516 0.72960654 0.669088543 0.913353013 1 1.508599477
1.43423522 1.187929517 1.640460035 1.853401786 1
1.187201553 1.274697767 1.549414514
YGL226W YGL226W::YGL226W::molecular_function unknown 0.625493816
0.957745961 1.224690265 0.598099617 0.682095213
1.125035599 0.760753771 0.834538686 2.290389405 1.133669255 1
0.964236243 1.048107547 0.643656351 1.303119978 1 2.104916221
2.412676866 2.12814165 1.705010732 1 0.967976759 1.171390674
0.766050417 0.667989224 0.988016022 1 1.272827211 1.941098731
1.962094255 1.800665854 2.493324044 1 1.286462518 1.71650756
1.444779109 1.376009614 1.477729726 1.446530805
YNL135C YNL135C::FPR1::FK506 binding protein; proline rotamase; rapamycin-
binding protein 1 1.59447014 1.727743021 1.107261141 1.564463167 1

1.254661903	1.324750035	1.854576993	1.897468902	1	1.163282722
1.237097449	1.661606624	1.325237698	1	1.212396392	0.761282425
0.826235779	1.446754881	1	1.481762382	1.714368113	1.51940994
1.100717192	1	0.988538762	1.065018837	0.923836695	0.979241307
0.895639501	1	0.979459472	1.105401477	0.844337143	0.764436941
1.105843846	1	0.939864693	0.903891922	0.753609941	1.054893347
1.104412517	1.144440604				
YGL228W	YGL228W::SHE10::Mrna (identified by a library screen) that causes growth arrest when overexpressed				
	1	0.895332498	0.719471934	1.097461476	
0.788165526	1	0.9958634	1.010472926	0.814549076	1
0.875440937	1.013200026	0.586058438	1.016101596	1	1.330344808
1.088810428	1.06339064	0.782527709		1.693863035	0.71230553
0.965598963	1.343697561	1	1.025500364	0.885094779	0.91570281
0.917284595	0.976385365	1	0.909830001	0.940552528	0.829829633
0.771866096	0.600383532	1	0.919320189	1.035365829	1.250545667
0.782435089	1.000815613	0.959683866			
YNL149C	YNL149C::YNL149C::molecular_function unknown				
	1			1.151285815	
1.322341824	0.950873883	1.612068972	1	0.903634491	0.82740315
1.764592761	1.56761426	1	0.991821237	1.257518116	1.616264159
1.204662499	1	1.121453675	0.930294539	0.904817701	1.484629665
1.805695271	2.134350536	1.865274213	1.328593928	1	1.017003895
1.313451866	0.973777768	0.764301286	0.964991405	1	1.228925923
1.818080534	1.554477505	1.116379567	1.848272504	1	1.442048041
1.929358844	1.231602737	1.449841532	0.979912961	1.324819122	
YGL230C	YGL230C::YGL230C::molecular_function unknown				
				1.024430805	
	1.156162383		1.164284857	1.072996512	
0.840325536	0.78059512	1.265556913	0.978989	1	
1.41411391	1	1.257515982	2.609217127	2.269758718	0.880729522
1.159717755	1.316237918	1.262557002		1.301116778	1
1.044974498		2.013997638	1	1.079218	1.170794874
1.308891536		1.04199261			
YNL151C	YNL151C::RPC31::31-kDa subunit of RNA polymerase III (C); HMG1 like protein				
	1	0.893490376	1.01764573	0.893732854	1.081417185
0.783972934	0.828613279	0.987658067	1.138348562	1	0.846721781
0.715292517	0.844828078	0.97857068	1	0.742647747	0.527701684
0.799049348	0.767661027	1	0.984579925	1.1523824	0.802219844
0.606744119	1	0.871350018	0.828533065	0.663037071	0.754896861
0.894604338	1	0.854875576	0.96358443	0.652076537	1.069261879
1.478165217	1	0.957036913	1.116608329	1.057997589	1.585059752
1.031424616	1.006967579				
YNL153C	"YNL153C::GIM3::Prefoldin subunit 4; putative homolog of subunit 4 of bovine prefoldin, a chaperone comprised of six subunits"				
	1			0.9879633	
1.250556504	0.948448437	1.576626203	1	0.92566939	0.84732875
1.540035698	1.357756166	1	0.948030612	0.975997834	1.189459619
1.08402284	1	1.080799238	0.681631049	0.899169136	1.224301415
1.234634201	1.219627363	1.281832124	0.901586942	1	1.139412649
1.335387475	1.045757361	1.038050447	1.211706158	1	1.119676993
1.647604525	1.225683794	1.186253623	2.054339468	1	1.069872663
1.546993471	1.039739625	1.901439517	1.408016338	1.374729726	
YNL155W	YNL155W::YNL155W::molecular_function unknown				
				1	1.026036776
1.428725591	1.47671281	1.640589022	1	1.291845006	1.396571832
1.588942787	1.379187532	1	1.143679323	1.912410661	2.049949928
1.171013111	1	1.608564524	1.76778108	1.932484034	1.984671554
1.522516284	1.491250558	2.44646125	1.210654174	1	0.979591129
1.80800648	1.281201998	0.708262839	1.108566943	1	1.182750464
1.75956477	1.490290794	0.896924159	1.192954718	1	1.55642566
1.817883358	1.182694454	1.016410402	1.569870148	1.348460927	

YNL157W YNL157W::YNL157W::molecular_function unknown 1 1.180151086
 1.483046707 1.244779938 1.797945574 1 1.068547245 1.064208844
 1.713647773 1.727875524 1 1.065844016 1.404192992 1.979192176
 1.497832944 1 1.194702519 1.038183365 1.015345094 1.356731903 1
 1.833157292 1.999154414 1.678567276 1 1.089261358 1.413793461
 1.039418494 0.870073398 1.124779034 1 1.03032169 1.479437724
 1.172798565 1.032119551 1.876563386 1 1.09281058 1.422248086
 1.194398402 1.900362923 1.342995419 1.376480951
 YDR179WA YDR179WA::YDR179W-A::molecular_function unknown 1 0.983395112
 0.971145149 0.942843074 0.956318009 1 0.948996915 0.888897561
 1.216928798 1 0.878507051 0.841403881 0.915949353 1.418411658 1
 0.679816303 0.619063295 1.226562141 1 1.499611451 2.039375811
 1.572580875 1.003845296 1 0.91565112 1.076697162 0.841819774
 0.943738548 1.067617448 1 1.397238923 1.842830681
 2.401498865 0.755623564 1.007195796 0.869604285 0.942319628
 1.187346097
 YDR243C YDR243C::PRP28::Required for the first step of splicing in vitro 1
 0.661840041 0.69936752 0.91084653 0.586204091 1 0.755625117
 0.785738273 0.901063288 0.779063102 1 0.769308439 0.672106471
 0.519936033 0.969636592 1 0.5048257 0.589994551 1
 1.320431507 0.949486927 1 1.063146697 1.04958031
 1.073308865 1.032220821 1.101049869 1 0.926420131 0.810907481
 0.751789012 1.192529617 1.08012635 1 0.698000347 0.657267733
 0.851745022 0.668635185 0.700563026 1.191724213
 YJL104W YJL104W::MIA1::Hypothetical ORF 1 0.802445748 1.291343149
 1.078384484 1.575152432 1 0.911884164 1.073744747 1.526161046
 1.582442575 1 0.836093057 1.012529267 1.115852985 1.197747871 1
 0.833884098 0.662304248 0.491292961 1.224279906 1 1.094219944
 1.57571616 1.261466278 0.809679376 1 1.161978343 1.328736684
 0.644835677 0.650122796 0.976968567 1 1.296605601 2.000394907
 1.726051093 1.305980779 2.211016754 1 1.130766338 1.311737003
 1.936237524 1.269060199 1.238132366
 YJL106W "YJL106W::IME2::Positive regulator of meiosis, dispensable for
 mitosis, stimulates early, middle and late gene expression and negatively
 regulates IME1" 1 0.813147835 0.788057393 0.750341273 1
 0.837735803 1.002786251 1 0.79439144 0.728753497 0.824464167
 0.717956494 1 0.979072853 0.966243123 1.000359897 1.237269974 1
 0.819532071 1.252103923 1.136557265 1 1.195383532 1.423176788
 1.105930799 1.104594962 1 0.737980092 0.915548581
 0.579798518 0.968395864 1 0.977435004 0.997514426 0.882228566
 0.646698564 0.880877781
 YJL108C YJL108C::PRM10::pheromone-regulated membrane protein 1
 1.119789228 1.035693652 1.482493828 0.927833124 1
 1.217564566 1 0.978393202 0.836740833 0.942342965 0.864494628 1
 0.905154782 0.964578512 1.009680797 1.023139722 1 0.852272097
 2.394504889 1.945757069 1.029666164 1 0.968843615 0.78582027
 0.983173643 0.83461743 1 0.425359633 0.52319006 0.851175997
 1.441279651 1 0.621026719 0.725229225 0.428369532
 0.76879789
 YGL232W YGL232W::YGL232W::molecular_function unknown 1 0.852616125
 1.045225264 0.79946876 1.252503402 1 0.747844734 0.794338555
 1.106151169 1.006470731 1 0.799036484 0.916615945 0.977963936
 0.909562725 1 0.893920627 0.694504498 0.652710629
 1.024466954 0.881156558 1.131580246 0.867532908 1 0.853967701
 1.028884246 0.640685291 0.652204393 0.956830357 1 1.029008174
 1.569376098 1.233782282 1.162274233 2.131880772 1 1.092314974
 1.915202397 1.208373216 1.495247054 1.448282134

YJL122W YJL122W::YJL122W::molecular_function unknown 1 1.114053638
1.156158504 0.810027727 1.427332259 1 0.927392793 0.841338063
1.758789673 1 0.625431993 0.499402529 0.621595518 0.924461992 1
0.272506885 0.19480808 0.185153109 0.522659006 1 0.463603563
0.363095477 0.206772673 0.814473424 1 0.928619181 0.498871803
0.535046581 0.853008281 0.87817967 1 0.603314643 0.708018047
0.560393423 1.180086527 1.803546087 1 0.493077951 0.577680301
0.862844962 1.283387946 0.502339903 1.095405665
YGL234W "YGL234W::ADE5,7::glycinamide ribotide synthetase and aminoimidazole
ribose synthetase" 1 0.924581875 0.446576382 0.593733761 0.234536556 1
0.961095085 0.751468595 0.317515128 1 1.299777086 1.063408472
0.275084356 0.436410272 1 1.004388325 1.00405877 0.339811768
0.14053191 1 0.673058971 0.310107016 0.123273599 0.195380044 1
0.851304717 0.648459824 0.723141963 1.285916394 1.099112198 1
0.526737513 0.347783329 0.364934944 0.548341689 0.820433676 1
0.583910667 0.398775392 0.633563907 0.559623037 1.974043451 0.526250034
YJL124C "YJL124C::LSM1::Like Sm protein; the finding that Lsm1 contains the
Sm consensus motifs and most closely resembles Sm-B has been controversial
(Fromont-Racine et al, 1997 Nature Genetics 16:277-282, and Bertrand Seraphin,
personal communication)." 1 0.842651499 1.284279381 0.891431999
1.713260699 1 0.927075765 0.954977601 1.253042866 1.253652457 1
0.914591673 1.003517141 1.075413453 1.03235769 1 0.953117988
0.611261977 0.63582289 1.110577819 1 1.529742773 1.641791646
2.347379944 1.262709359 1 1.185081172 1.204484641 0.80535796
0.692679417 0.966691701 1 1.084354275 1.642267927 1.280236647
0.837061732 1.502804936 1 1.087642637 1.330548184 0.896764025
1.33048412 1.383534838 1.027106933
YGL248W "YGL248W::PDE1::3',5'-Cyclic-nucleotide phosphodiesterase, low
affinity" 0.863132156 0.82678188 0.922470437 0.812544254
0.862038351 0.931427925 0.904961377 1.072996512 0.882522616
1.193104798 0.954718389 1.003463702 1 1.69329494 1.227795255
1.129435415 1.17138171 1 2.037671115 1.257169143 1
1.088664759 1.097039244 1.026534181 0.920238337 1.000575344 1
0.921583115 0.841147576 0.859226992 1.000586707 1 0.778233986
0.8982945 1.069112421 0.518594045 1.011303443 0.803822817
YJL126W "YJL126W::NIT2::Nit protein, nitrilase superfamily member" 1
0.81906327 1.01475237 1.208543857 1.084126526 1 0.974277308
1.101691894 1 0.691021945 0.822041122 1.054566342 1.184481121 1
0.817410228 0.865617937 1.111360333 1.29022427 1 0.988836787
2.582879494 2.041883658 1.865059896 1 0.982877594 1.01991806
0.961183585 0.835950765 1.011581478 1 0.985615669 1.098890062
1.406868797 1.092507499 1.162271781 1 1.069418121 0.979794381
0.989198146 0.840847977 1.124941579 1.090151884
YGL250W YGL250W::YGL250W::molecular_function unknown 1 1.070840062
1.097637895 0.918490799 0.952785908 1 0.950371233 1.036689339
1.125689443 1 1.098187727 1.249752573 1.273459381 1.008107231
1 1.149964154
0.923396374 0.983801839 1.098802381 1.007044224 1 0.727992044
0.797157037 0.716094576 0.890974095 1 1.183809398 0.911234723
0.907960163 0.625057818 1.902489249 1.109415573
YJL128C "YJL128C::PBS2::Involved in osmoregulation, member of the HOG1
mitogen-activated protein kinase (MAPK) cascade" 1 0.690716862
0.833275302 0.829586069 0.747122682 1 0.990674865 1.016276687
0.638517693 1 0.895443108 0.950357066 0.609562163 0.810298072 1
1.237666662 0.990935684 1.12291036 0.810076303 1 0.940678604
1.090979071 0.808508753 1 1.306102905 1.317419538 1.296309328
1.133559072 1.07451605 1 1.330832151 0.945972773 1.400066139

	0.931572466	0.482055467	1	1.133129826	0.998522007	0.960457803			
	0.803392786	0.811955522	0.560399347						
YNL159C	"YNL159C::ASI2::Amino acid Sensor-Independent (ASI) genes encode membrane proteins Asilp, Asi2p and Asi3p."						1	1.031715986	1.054615233
	1.125512711	0.977961514	1	1.092222871	1.086494249	1.165013211			
	0.872358228	1	1.209639151	1.228129231	1.129214299	1.056816605	1		
	1.301702017	0.966404919	1.2793904	1.302613571	1	1.46099409			
	1.079246636	1.488527266	1.474370171	1	1.126694091	1.496117615			
	1.169165798	1.030305236	1.178399693	1	1.206454929	1.293224554			
	1.101896485	1.131790147	1.283176823	1	1.149710897	1.26190818			
	1.219908088	0.935433231	1.648626643	1.020977592					
YJL130C	YJL130C::URA2::First and second steps of pyrimidine biosynthesis						1		
	1.219898891	1.000485892	1.321716875	0.870516665	1	1.217645918			
	1.159832183	0.843996039	1.087197339	1	1.211232272	1.021933702			
	0.730623961	1.105955444	1	1.178847328	1.149738896	1.231894299	1		
	0.595174085	0.502448428	0.443607412	1	1.076920835	0.836212073			
	1.151657355	1.18205443	1.10689397	1	0.821621492	0.797818433			
	1.373068486	1.346909191	0.592012057	1	0.848854278	0.842692229			
	0.894177103	0.702853378	0.791564082						
YGL252C	"YGL252C::RTG2::Protein involved in interorganelle communication between mitochondria, peroxisomes, and nucleus"						1	0.721249919	0.680682093
	0.79476631	0.704091909	1	0.801897251	0.758345918	0.754728254			
	0.667476887	1	1.106753247	1.102462467	0.722264639	0.852628681	1		
	1.382029746	1.037990985	1.108829984	0.973242191	1	1.389016156			
	1.163965113	0.922176233	1.05208419	1	1.466765572	1.492723545			
	0.919730462	0.843909315	1	1.703729857	1.695897757	1.855588594			
	1.312706268	1.21537566	1	1.540638444	1.454033417	1.051868297			
	0.684795987	1.013937683	0.964937646						
YJL132W	YJL132W::molecular_function_unknown						1	1.068313964	
	1.181510103	1.348395398	1.393946456	1	1.117309116	1.309015099			
	1.239623911	1.343347364	1	1.078477325	1.341394932	1.753227368			
	1.25540881	1	1.383101095	1.406649352	1.135432596	1			
	1.230436708	2.087187999	1.457218698	1.149018637	1	0.926423727			
	1.081720328	1.032137938	1.022006669	1	1.162863277	1.021239991			
	1.572327265	2.181033306	1.146580752	1	1.201764331	1.087142335			
	1.493002139	1.21647895	1.544123263	0.815205939					
YNL173C	"YNL173C::MDG1::multicopy suppressor of bem1 mutation, may be involved in G-protein mediated signal transduction; binds cruciform DNA"						1		
	1.49131746	1.703168314	1.225212136	1	1.448742295	1.585889911			
	1.407495619	1.622542942	1	1.162948189	1.672467732	1.671172683			
	1.518098795	1	1.478870531	1.468491627	1.105376105				
	1.30619535	0.729466918	1	0.892855215	1.261315409				
	1.211041661	0.614722843	1.008369397	1	1.04343928	0.64852585			
	1.007237743	0.908227712	0.527431707	1	1.009018436	0.707377026			
	1.205098823	0.696237574	2.165710998	0.661096116					
YGL254W	YGL254W::FZF1::involved in sulfite resistance						1	0.827595863	
	0.653290904	1.138794675	0.517404158	1	0.849547806	0.883394322			
	0.754500319	1	0.822225396	0.806418198	0.715430055	1			
	0.678541946	1.700317086	1.430750815	0.591890849	1	0.521884183			
	0.556404415	0.294191025	0.310799115	1.060231492	1.053859127				
	1.222608891	1.185564372	1	0.879107588	0.755282593	1.029703218			
	1.041160888	0.72871392	1	0.537877904	0.547363933	0.688782017			
	0.553394393								
YJL146W	YJL146W::IDS2::IME2-Dependent Signalling						1	0.809109301	
	0.877143823	0.807683847	0.821102721	1	0.878557711	0.844185552			
	0.840050465	0.884771983	1	0.873864552	0.874054297	0.86532754			
	0.865569818	1	1.038722765	0.711431232	1.113597411	1			

0.919320082	1.67047224	1.229304167	1.029697151	1	1.156508185	
1.236238029	1.0238239	0.851700856	0.919929781	1	0.74098815	
0.890164963	1.037668087	0.843938747	0.792488883	1	1.222582306	
1.193373825	1.152871891	0.889772524	1.074390646			
YNL175C	YNL175C::NOP13::Nucleolar Protein 13			1	0.956450511	
0.81393755	0.825451119	1.061503477	1	0.781077037	0.707566325	
0.955713835	1.067330875	1	0.617923137	0.395891096	0.33847542	
0.909615644	1	0.292659297		0.188195157	0.291474472	1
0.459782946	0.40521236	0.301730444	0.421244019	1	0.739748885	
0.522700972	0.551239682	0.809347603	0.794492646	1	1.119260505	
0.68585092	0.442148105	1.032364168	1.210921956	1	0.800985502	
0.620003715	0.72171194	1.015334868	0.45967445	0.830967177		
YGL256W	YGL256W::ADH4::Alcohol dehydrogenase type IV			1	1.061735278	
0.68535386	1.01582632	0.898178494	1	0.961667489	0.855519238	
0.81098979	1.07794793	1	0.881814637	0.583613909	0.545811029	
0.952214331	1	1.204497108	0.451319698	0.417170745	0.300614054	1
1.321924982	0.606300933	0.471146688	0.452781827	1	0.822327961	
0.471644605	0.495403296	1.011631707	1.010673684	1	0.501433062	
0.274927652	0.247528319	0.400050439	0.624834646	1	0.689631268	
0.362178443	0.658300084	0.432413449	0.925589104	0.896639019		
YNL177C	YNL177C::YNL177C::molecular_function unknown			1	0.927689436	
1.167751267	1.07926197	1.317683061	1	1.038310165	0.94704801	
1.335641139	1.108465621	1	0.975336004	1.127434784	1.075183763	
0.974402936	1	1.133205874	0.848058852	0.876655933	1.237776751	1
1.412717126	1.501316553	1.906055214	1.162051811	1	0.926098857	
0.97735938	0.626896264	0.593915062	0.846233974	1	1.079426758	
1.28834325	0.909204425	0.657220847	1.25630892	1	1.116563057	
1.354982141	0.982057609	1.313829076	1.286688308	1.263525396		
YGL258W	YGL258W::VEL1::Increased in velum formation in flor strain			1		
0.828029552	0.864135274	0.836386092	0.907135419	1	0.790982347	
0.803169008	0.87038932	1.018892155	1	0.868586222	0.931924054	
1.493255538	0.870773888	1	0.988526794	0.430452711	0.474241806	
0.484624976	1	1.241121245	1.253533555	0.899889479	0.58695944	1
1.290482307	1.334531889	1.454473225	0.993584147	1.269940268	1	
0.894232883	1.055810509	1.104936345	0.889124786	1.994268354	1	
1.226060858	0.764481586		1.733629175	1.215366122		
YNL179C	YNL179C::YNL179C::molecular_function unknown			1	1.102963285	
1.229226594	1.170830449	1.05777684	1	1.201758846	1.06213341	
1.141185264	1.107138181	1	1.227557229	0.943951591	0.842624594	
1.015312173	1	1.395396544		1.070469024	1.430546744	
0.707813513	0.731315208	0.846867859	0.567483964	1	0.793102243	
0.959835686	0.770085971	0.79308359	1.058859628	1	0.785777307	
1.155081701		1.151102226	1.021525144	1	1.058668323	1.026149746
1.211707334	0.661798274	1.200530292	1.426391451			
YGR009C	YGR009C::SEC9::Putative t-SNARE of the plasma membrane				1	
0.540329411	0.812095343	0.881800674	0.850646991	1	0.826799129	
0.814695487	0.924834657	0.736787551	1	0.990091499	1.01072779	
0.676308527	0.961180655	1	1.087317562	1.04192299	0.915506882	
1.105556657	1	1.948726614	1.934264793	1.466044827	1.41163602	1
1.091676601	1.26679238	0.833603485	0.653157374	0.983837714	1	
1.156318503	1.104340503	1.092309526	1.000505917	1.04913867	1	
1.311501915	1.190611543	1.173909831	0.667622055	1.155068287	1.04199261	
YNL181W	YNL181W::YNL181W::molecular_function unknown			1	1.232937212	
1.228323339	1.558199704	1.329342462	1	1.368840934	1.259773503	
1.590532151	1.531530002	1	0.985142872	1.134562533	1.361103188	
1.602806738	1	1.339883022	1.745391109	1.695786624	0.784862116	1
0.660861621	0.423023312	0.339658108	0.654046703	1	0.872513498	

0.899259318	0.592449418	0.778859143	1.009143919	1	1.22095034
0.987936004	0.600672269	0.822038358	1.06906045	1	0.988591926
0.937076558	0.895887154	1.077582213	1.208117292	0.865992156	
YGR011W	YGR011W::YGR011W::molecular_function	unknown		1	1.087525184
1.049100039	0.908148331	1.226843958	1	0.888419631	0.814054628
1.180017606	1.183912923	1	1.248004768	1.158381878	1.478762126
1.021791205	1	1.300898245	0.897809336	1.051150709	1.438462762
1.75556401	2.214419324	1.824439532	1.197313253	1	1.400901617
1.83803778	0.923616375	0.561113268	0.851823097	1	1.385883252
3.090356827	2.195233509	0.81513965	1.403983382	1	1.918015881
2.950898949	1.277662928	1.181230232	1.578127948	1.469297049	
YNL183C	YNL183C::NPR1::protein_kinase	homolog		1	1.168243811
1.219698437	1.518785567	1.210088563	1	1.325700982	1.464260235
1.218740942	1.085036696	1	1.510011884	1.24478852	1.104316894
1.196544254	1	1.066549519	1.255310831	1.119528775	0.744830127
0.958228561	0.966485288	0.603934814	0.596548346	1	1.040822858
1.198592156	1.142245027	1.096150527	0.860641133	1	1.072861778
0.785735268	0.925374014	0.740937366	0.546087872	1	1.11916427
0.966369366	0.882383883	0.817309414	1.23418424	0.819584055	
YNL197C	YNL197C::WHI3::Protein	involved in regulation of cell size		1	
1.363659396	0.916895032	1.370065824	0.936800097	1	1.46439318
1.396535199	0.865652056	0.764356429	1	1.424555517	1.134179969
0.530733669	0.971296067	1	1.053720158	1.082797051	0.846982494
0.425417735	1	0.387819764	0.3813561	0.362157707	1
0.918698232	0.831867815	0.755159745	0.955129808	0.600294225	1
0.660856261	0.597636736	0.518627665	0.613907849	0.367403238	1
0.926836587	0.721373584	1.046280484	0.726954018	0.995547401	0.651464271
YNL199C	YNL199C::GCR2::activates	transcription of glycolytic genes;			
homologous to GCR1; may function	in complex with Gcr1p			1	0.832376596
1.052647972	1.201108142	1.161905493	1	0.941647405	1.107787437
1.150805564	1.040911377	1	0.718759162	0.894377966	0.691548478
1.135156566	1		0.984662026	0.9103786	
1	0.946397921	1.030703724	0.995596878	0.936254376	1.274883798
0.86521336	0.869895014	0.822076752	0.961585122	0.946280314	1
0.919369538	0.901987397	1.179034351	1.281308586	1.234034022	0.979823219
YNL201C	YNL201C::PSY2::Platinum	Sensitivity		1	1.622408297
1.716164097	1.450191748	1	1.61886575	1.502471182	1.513940252
1.564329283	1	1.117689374	1.393703366	1.295447042	1.729476358
1.031713623			0.428413457		1
1.070108741	1.255499183		1.219478294	1.14752142	1
1.289926821	0.945070995	0.884595684	1.152220011	1	0.87176442
1.053828332	0.847142321	1.188714286	0.967370259		
YDR245W	YDR245W::MNN10::Required	for mannan synthesis and for polarized			
growth and bud emergence			1	0.928656401	0.852698304
1.09550734	1	0.820623776	0.797439089	1.045128392	1.084418034
0.665801373	0.639929863	0.546459018	0.940552326	1	1.170427763
0.678107304	0.77358164	0.861378124	1	0.959685447	0.528865775
0.589961263	0.796874107	1	1.066211137	0.973926952	1.223817052
1.186580058	1.25232605	1	1.00969064	1.142062809	0.762927947
0.791938581	0.8062282	1	0.834703053	0.961117749	0.889919899
1.156210814		1.239007927			
YDR247W	YDR247W::YDR247W::not	yet annotated		1	1.118323815
1.101094264	0.835788012	1	0.980424554	1.15889111	0.95295106
1.00116096	1		1.342902989	2.594314399	0.974388587
1.500425756		2.050985456	0.783034211	1	1.022492941
0.960381382	0.367111454	1	1.055851133	0.956544101	1.227809695

1 0.956332403 1.018406456 0.796963652 1.040334794 0.847491854 1
1.230647627 1.911203995 1.234946561 1.17860116 1.427403248 1.008718805
YER007CA YER007CA::YER007C-A::molecular_function unknown 1 1.107689107
1.240926655 0.86930092 1.51494734 1 0.900938127 0.910864451
1.290082223 1.250733586 1 1.028072833 1.14080654 1.032517354
1.175497545 1 1.349261507 0.679432813 0.770019304 0.947478878 1
1.362025339 0.772785171 0.803626686 0.855180681 1 1.241591621
1.430964196 0.960025979 0.957265136 0.920446824 1 1.153500216
1.796341224 1.345645212 1.215270265 1.68684184 1 1.197640666
1.605161551 1.087589342 1.376725244 1.17686953 1.301177213
YHR143WA YHR143WA::RPC10::subunit of RNA polymerase II 1 0.956116107
1.191422361 0.81306838 1.542766607 1 0.752121327 0.748447712
1.44679917 1.39918425 1 0.609615053 0.751299527 0.877868536
1.328291388 1 0.429468243 0.29961383 0.256506664 0.889637584 1
1.013078974 1.030335016 0.827421888 1 1.51271686 1.29359071
1.494191942 1.462382857 1.294866601 1 1.151835496 0.971563289
0.823429229 0.778548345 0.469247499 1 0.98201647 0.709836588
0.991450781 0.772924473 0.647620177 0.513991299
YML010WB YML010WB 1 1.626998537 1.749677567 1.015596505 1.502810112 1
1.194352082 1.26101193 1.750802633 1.453157896 1 1.113912006
1.229487837 1.93700272 1.023156485 1 0.830629719 0.504414137
0.818478582 1 1.122158291 1.678487834 1.602240234 0.790663278 1
0.768579015 0.737765419 0.565266404 0.684155539 0.646866985 1
0.964601922 1.483203035 0.997220468 0.883316484 2.329745845 1
1.183960362 1.517613084 1.047646327 2.076956034 1.316374644 1.182092421
YML039W YML039W 1 1.256869556 1.000364828 1.640892325 0.923397853 1
1.419444283 1.325867184 1.206830754 0.897670715 1 1.573932806
1.570574174 0.714084292 1.45140716 1 1.031537093 1.548501736
1.139385916 0.644039003 1 0.343674244 0.271888964 0.293336996
0.741130051 1 0.960148929 0.932021644 1.472032619 1.382968281
0.841613336 1 0.869217798 1.1217657 2.280783508 3.872228232
1.542856806 1 1.134181558 1.509725742 3.18038256 1.421160088
1.17253625 0.853733421
YMR244CA YMR244CA::YMR244C-A::molecular_function unknown 1 1.112886224
1.667441039 1.216241347 2.409933562 1 1.050195895 1.181405058
2.137696275 1.938834272 1 1.16081091 1.379879098 2.341471874
1.745921252 1 1.31600368 0.940365236 1.298615102 1.265418862 1
1.923000812 2.287023452 2.590939211 1.050037331 1 0.843431363
1.049282662 0.693519298 0.654663547 0.914276535 1 1.361189595
2.122467202 1 1.25242953 1.430266518 1.282239697
1.900152063 1.995035829 0.920280823
YPR156C YPR156C::TPO3::Polyamine transport protein 1 1.01823539
0.654166097 0.9499713 0.736693079 1 1.022442519 0.989298914
0.66439296 0.853712015 1 0.750624555 0.629968178 0.563785227
0.708840387 1 1.167771999 1.021268649 1.108937437 0.630233544 1
0.686881607 0.916248489 0.700105092 0.329526183 1 1.017725586
0.87023081 1.500744207 1.538179647 1.006325783 1 0.781592056
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0.581955101 0.454696962 0.703502588 0.523801614 0.648837381
YPR158W YPR158W::YPR158W::molecular_function unknown 1 0.996972987
1.658384383 1.090550538 1.303103278 1 1.0798443 1.227586022
1.414193126 0.965237715 1 1.017614681 2.078797281 2.150426729
0.921198732 1 0.817943439 0.876032533 1.327704798 2.128337812 1
1.845087281 4.619958266 5.48110953 2.331114531 1 2.054388678
1.774427801 1.1155313 0.820327073 1.247632828 1 2.61495121
0.731261519 0.580840929 0.846096008 1.935489159 1 2.801452052
0.771261898 0.820772415 1.128701007 1.350630328 1.140062488

YPR160W YPR160W::GPH1::Releases glucose-1-phosphate from glycogen 1
1.939816261 1.692996999 1.608457745 1 1
1.500956075 1 1.204562363
0.436562625 0.876488456 0.757490036 1.279072749
1.098505831 1.089877264 1 0.870962431 0.881749575 1.180724773
1.532544842 1.112415895 1 0.93806101 0.779183193 0.968252107
1.224932515 1.972053859 1.850193439
YJL148W "YJL148W::RPA34::RNA polymerase I subunit, not shared (A34.5)" 1
0.712952558 0.664393133 0.748552054 1.005913794 1 0.59951105
0.555896193 0.87928881 0.983082935 1 0.47125979 0.342478473
0.368144082 0.771049755 1 0.273785997 0.676277307 1
0.496460478 0.597785479 0.337676567 0.359297472 1 0.567318769
0.502415517 0.469068676 0.568457981 1 0.787348331 0.687967703
0.500288449 0.901586221 1.569437532 1 0.756470797 0.683739671
1.268301871 0.694683276 0.946549518
YJL150W YJL150W::YJL150W::molecular_function unknown 1 1.686178264
1.503642431 1.4536351 1.650531956 1 1.474423512
1.675802659 1 1.500022512 1.405512843 1.432146551 1.223009477
0.901863787 0.506751711 1 1
1.056875882 0.712557912 1.001384818 0.702802361 0.473730073 1
0.99460962 0.96906848 0.894381385 0.895444202 0.620300404 1
1.232957338 1.096229448 1.241924241
YJL152W YJL152W::YJL152W::molecular_function unknown 1 1.253963169
1.961272823 0.936913249 1.736236038 1 1.395423966 1.240475337
1.768457901 1.643475747 1 1.35960339 1.670968341 3.665081169
1.523898455 1 1.60399876 1.409058153 1.703092067 2.882869763 1
2.449917632 4.313318943 3.461477879 1.760265095 1 1.248627388
1.275716964 0.978953316 1.004774177 1.021307791 1 1.105402574
1.264904778 1.500750797 1.774714719 1 1.231577176 1.383331427
1.1599163 1.883521357 1.114135997 1.179465531
YGR013W "YGR013W::SNU71::associated with U1 snRNP (no counterpart in
mammalian U1 snRNP; contains few SR-, RE- and RD-dipeptides)" 1
0.771376469 0.923516811 0.948588204 0.965954237 1 0.900714781
0.929909794 0.860048068 0.847378717 1 1.040641187 1.070344973
0.725982294 1.147413585 1 0.825564036 0.676186737 0.798824772 1
1.419886334 1.852070334 1.218932068 1.43685663 1 0.865912115
1.198110772 1.046659429 0.780094521 0.950395169 1 1.285263062
1.285010862 1.243057709 1.381589747 0.887945557 1 1.510731723
1.461084092 1.673067393 1.196398489 1.695121697 0.867743381
YJL154C YJL154C::VPS35::Protein involved in vacuolar sorting 1
1.149306401 1.121258112 1.127601204 1.123035452 1 1.252625867
1.167611608 1.080094782 1.121313044 1 1.173334712 1.201346709
1.092090081 1.21098877 1 0.885123539 0.732688463 0.647825593
0.851314069 1 1.266796384 1.195818498 1.197120459 0.904226048 1
1.023511184 1.3821294 1.561943707 0.97947488 1.307176655 1
1.471175981 1.620082937 1.78459016 0.962917283 0.708145944 1
1.065564344 1.011943848 0.761410815 0.958534961 0.797123275 3.435073037
YGR015C YGR015C::YGR015C::molecular_function unknown 1.137709219
1.081877086 0.960368595 0.946789302 1.005019554
1.106450226 1.120032152 1.147622985 1.256208506 1.167933837 1
1.054744275 1.050451001 1.433216195 1.172504453 0.440055116
0.585946744 0.704462834 1 1.033689861 0.918851699 1.085149091
1.110714528 0.884799469 1 0.84958849 0.875403346 0.835596085
0.901275152 1.05167567 1 0.913340889 0.947107783 1.045059558
0.564457321 0.967797057 0.938668951
YJL156C YJL156C::SSY5::Product of gene unknown 1 0.993449826
1.083553242 1.534345862 1.109328438 1 1.314060299 1.549238419

0.97876998	1.004136976	1	0.990043671	1.237755963	0.864622973	
1.352753032	1	0.738618484	0.535107992	0.556639055	0.62338052	1
0.957703695	0.829649909	0.644515997	1		1.151865441	1.145078222
1.232098967	1.18229496	1	0.945852739	0.509053788	0.887772173	
0.964394048	0.400292189	1	0.826328218	0.692872509	1.027997429	
0.759223459	0.779951769	2.505160317				
YGR017W	YGR017W::YGR017W::molecular_function	unknown	1		1.344523494	
1.422892476		1.279892114	1	1.135004771	1.209186715	
1.386108293	1	1.314717962	1.389131965	1.39061694	1.591171094	
				1	1.136836655	
1.219044737	1.069500606	0.816385967	1.112183536	1	1.314055395	
1.626161115	1.501417815	1.043052065	1.215206258	1	1.46890815	
1.700200631	1.098805347	1.192577382	1.810255696	1.12430125		
YJL170C	YJL170C::ASG7::an a-specific gene that is induced to a higher expression level by alpha factor	1	1.519436199	1.775454789	1.517988698	
1.993564133	1	1.684667046		2.118348708	1	
1.471759944	1.782270878	1.695309943	1	1.703557264	1.462230198	
2.161124923	1	1.821088756	3.233604977	2.78616579	1.537981322	1
1.267812802	1.199268615	1.158466761	1.056853673	1.308060565	1	
0.788036617	0.887274693	1.052142306		0.894977799	1	1.139341419
1.192059797		0.924855302	1.36814578	0.373015823		
YJL172W	YJL172W::CPS1::carboxypeptidase yscS		1		0.851405717	
0.831871572	1.427169856	0.711713628	1	1.033373241	1.217302054	
0.950635553	0.97593003	1	1.199308864	1.313378957	1.067255136	
1.116369813	1	0.878310945	0.761898822	0.932478066	0.537020072	1
0.466446863	0.451211238	0.462827677	0.388408689	1		1.161587328
1.471168826	1.025345594	0.619661637	1	1.343146552	0.650530775	
1.861552193	2.162626357	0.324374842	1	0.715464634	0.651098997	
1.232563617	0.482886055	0.488907958	0.988579451			
YGR019W	YGR019W::UGA1::gamma-aminobutyrate (GABA) transaminase (4-aminobutyrate aminotransferase)	1	0.763110227	0.919932118		
0.705024358	1	0.901768228	1.083770392	0.827224954	0.888916906	1
1.047634803	1.612293627	1.815394437	0.979369425	1	2.148459535	
1.181207831		2.292550097	1	2.041431976	2.074955562	3.429683784
2.507405197	1	1.128805119	1.924523644	2.219203868	1.183294293	
1.201023318	1	1.155265892	2.398693777	3.496058863	2.223678619	
1.570560286	1	1.617591244	2.089699032	1.715053461	1.103105023	
2.189923073	1.281037964					
YJL174W	YJL174W::KRE9::cell wall beta-glucan assembly	1			1.597495682	
1.436482172	1.354998094	1.578846346	1	1.652635603	1.403620226	
1.289291071	1.421478916	1	1.37592575	1.412010381	1.459967628	
1.321612518	1	1.018058058	0.678857957	0.844456156	1.207664698	1
1.053072873	0.944982767	1.084459826	1.089226726	1	1.295728867	
1.139973606	1.076311037	1.465327647	1.245107898	1	1.094820822	
1.088386082	1.053230436	0.876559786	0.735902638	1	1.146750179	
0.957017686	1.004705799	1.2619981	0.814864128	1.436899012		
YGR033C	YGR033C::YGR033C::molecular_function	unknown	1		0.841924393	
0.808292885	0.82167792	0.819417202	1	0.782296008	0.731360427	
0.881053889	0.928273525	1	0.726061298	0.770636006	0.793801134	
1.050173913	1	0.964834541	0.880748149	0.911960136	1.115412511	1
1.28502682	1.446078624	1.492728087	1	0.855575968	0.932658889	
1.081765604	1.078975446	1.039119004	1	0.862812123	0.725995525	
0.78033641	0.821771654	0.899317508	1	0.937252609	0.805493424	
1.006994356	0.855867442	0.973688228	1.01309692			
YJL176C	YJL176C::SWI3::transcription factor	1		0.779263704	0.89537889	
0.97575389	0.941389526	1	1.002179958	1.025509211	0.84305094	
0.857643945	1	0.87334423	0.871940569	0.593040859	0.968780108	1

0.672014664	0.50521926	0.684597049	0.632164643	1	0.904688467
0.59488003	0.772571409	0.704825595	1	0.870511106	0.917081284
0.869534341	0.808480417	1.055036491	1	1.139702005	0.930118449
1.06224216	1.159201039	0.763254511	1	0.973926334	0.845182973
1.107924669	0.88230216	0.845343801	1.774889805		
YGR035C	YGR035C::YGR035C::molecular_function	unknown	1	0.96748997	
1.169095471	1.060407228	1	0.861308066	0.893534421	1.238155911
1.091829578	1	1.295221481	1.386351309	1.727473498	1.074553469
1.613053155	3.434419891	1.769283637	1	1.317515835	
1.180032799	1.281778319	1	0.869077075	1.087096028	0.56880923
0.790934789	1	0.956452541	1.865786958	2.4443975	1.93050412
2.330526727	1	1.635147905	1.824569766	1.249116892	0.737531368
2.390018358	0.832718402				
YJL178C	YJL178C::YJL178C::molecular_function	unknown	1	0.865775707	
1.067675149	0.967488504	0.977087381	1	0.968376137	0.878518477
1.132220369	1.159203059	1	0.899542552	0.955487062	1.104694493
0.969458851	1	0.813463987	0.58408225	0.551976294	0.798039536
1.435600716	0.86661952	1.297582086	1.036585054	1	0.949863247
1.032400197	1.624467478	1.303022464	1.137552625	1	0.888683248
1.03559543	0.93152136	0.820338226	0.761863193	1	0.859190906
0.808262496	0.908421706	0.966588519	0.659570603	1.063007524	
YGR037C	YGR037C::ACB1::Involved in transport of newly synthesized acyl-CoA esters from the fatty acid synthetase to acyl-CoA-consuming processes				
0.714146439	0.799450261	0.652997254	1.161057224	0.607785425	
0.631569637	1.097083452	1.185747903	0.76919323	0.789056873	
1.377739337	0.959409239	1	1.140610658	0.755590864	0.884092816
1.471861268	1	1.377194324	1.472882597	1.592486955	1.489990029
1.369698188	1.598539758	1.528760078	1.469161958	1	1.317941931
3.05810618	2.784758636	1.730709402	2.105008352	1	0.896024481
1.240007391	1.082752755	0.942401227	0.956873301	1.361595274	
YGR039W	YGR039W::YGR039W::molecular_function	unknown	1		
0.987521903	1.313901917	1	1.132453095	1.225353224	
1.217773046	1	1.180546883	1.191581181	0.937888175	1.175620473
1.257759651	1.250956821	0.564621012			
0.478338957	1	0.945586283	1.023570323	0.796175825	1.021109189
1.016560806	0.845833061	1.122034741	1.628498978	1.728985444	1
0.906625143	1.021853256				
YGR041W	YGR041W::BUD9::among a group of genes whose products are necessary for bud-site selection; likely involvement in positioning the proximal pole signal				
1	0.900903034	0.715412982	1.236477594	0.741611344	1
0.97757841	1.149679796	0.976800287	0.931747865	1	0.980146543
0.853055559	0.69739585	0.820311269	1	0.795946317	1.121365097
0.649005231	1	0.791994557	0.446013883	0.574221032	1
0.86992035	0.834940428	1.283815116	0.941879013	0.880331625	1
0.667178795	0.744540496	1.010940156	0.435596242	0.646903923	1
0.776631821	0.881124626	0.926216497	0.472939791	0.706755368	0.969315762
YGR043C	YGR043C::YGR043C::transaldolase		1	1.102597265	1.278383147
2.521083353	2.551679536	1	1.134524317	1.661552707	3.24591887
5.309881298	1	0.790438722	1.782705858	9.563637763	9.580734693
3.099105191	19.82496359	23.41716264	0.21187839	0.514380749	
1.791870584	1.724194487	1	1.259835215	1.143157057	
1.104159866	1	1.199710902	1.561369244	1.18619365	0.960535128
1.969887987	1	1.025796623	1.605345225	0.990853518	1.302291499
1.017055205	1.183843646				
YHR049CA	YHR049CA::YHR049C-A::molecular_function	unknown	1	1.072750141	
1.080291225	1.019425464	1.078966933	1	0.966935083	0.888977018
1.032948841	1.032301745	1	1.298648269	1.183383599	0.972206749

1.053354231	1	0.998966786	4.414466343	1.038094926	0.88726142	1
0.754313858	0.957251043	0.70868973	0.821801033	1	1.16414939	
0.997991279	1.76577679	1.290276031	1.226978175	1	1.053010057	
1.152164358	1.21022938	1.162734201	0.860512979	1	1.111231473	
1.045281645	1.048720927	0.84135578	1.141813714			
YHR079CB	YHR079CB	1	0.958174241	0.719619139	0.97853237	0.699114634 1
0.915974822	0.99641485	0.665216196	0.700356413	1	1.07283613	
0.89085666	0.499695795	1	0.780636165	0.309563427	0.846594562	
0.449368471			1	0.847522464	0.673198257	
0.915509343	1.055580692	0.877789684		0.792274983	1.068548854	
0.707846132	0.890455464	0.912342827	1	0.825115272	1.295658543	
0.993114239	1.232541191	1.03530275	0.842350299			
YMR120C	YMR120C::ADE17::AICAR transformylase/IMP cyclohydrolase					1
0.731330557	0.47121578	0.62668889	0.430049739	1	0.923754745	
0.75572248	0.475357089	0.419824242	1	1.570597689	1.695819745	
0.416446212	0.397277297	1	3.982210195		1.064197275	1
2.07597579	0.795538114	0.376290843	0.323943111	1	1.353403804	
1.662506249	1.210126239	2.037658169	2.513753751	1	0.797371676	
0.777628055	0.526421137	0.875940851	2.851743552	1	0.878672234	
0.855538982	0.6399236	1.886690264	5.423264232	0.773176006		
YMR153CA	YMR153CA::YMR153C-A::molecular_function unknown					1
0.975750644	1.012652185	1	0.821198716	0.750185961		1
0.871271339	0.875287686	0.944940032	1.045041381	1	1.011578767	
1.557583506	0.644008141	1.029020855	1	2.034958715	2.900290089	
1.612838669	1.416431271	1	1.053193698	1.10409611	1.067025659	
0.924332059	1.010571812	1	1.075545352	1.141874427	0.797282695	
0.848982671	1.618998918	1	0.615521041	1.385496769	0.749108622	
1.31315609	0.714201991	1.407127762				
YPR060C	YPR060C::ARO7::chorismate mutase					1
1.071758974	1	0.80215434	0.730639379		0.984424942	1
0.801981656	0.73544279	0.656224204	0.965990214	1	0.499324653	
0.467516119	0.942287485	1	1.696667545	2.382203708	1.889573347	1
0.980838866	1.054384275	1.069325382	1.020207454	1.170746712	1	
0.965106076	1.110898047	0.903685424	1.060092508	1.158880082	1	
0.961836866	1.295559482	1.136031913	1.308498195	0.906563947	1.134808707	
YPR062W	YPR062W::FCY1::cytosine deaminase highly homologous to Candida albicans cytosine deaminase					1
1.28222808	1	0.767271521	0.771608773	1.15367864	1.167975673	1
1.122465814	0.922088028	1.164608143	1.086498165	1	1.141161055	
0.772943118	1.05420343	1	1.576767707	1.579466716	1.269832532	
0.907447878	1	1.015530528	1.048730618	0.55209549	0.806179598	
0.919995685	1	1.045546271	1.08762597	0.696394427	0.759765492	
1.722517207	1	1.057223406	1.091742516	0.852468366	1.632268099	
1.054642432	1.276659744					
YPR126C	YPR126C::YPR126C::molecular_function unknown					1
1.096821434	0.881871086	1.178584079	1	0.751473509	0.851002954	
1.191043719	1.393548998	1	0.837333687	0.869300274	1.450608877	
1.148226212	1	0.880054823		1.191795622	1.565689811	1
1.078755128	1.963023544	1.488795758	1.116083285	1	0.853999235	
0.849762373	0.646477032	0.805151754	0.806408949	1	0.945017428	
1.191262174	0.842413154	0.929611365	1.166533987	1	0.931980443	
1.060613191	0.90894694	1.238404291	0.947595205	1.114669354		
YPR064W	YPR064W::YPR064W::molecular_function unknown					1
0.949774202	0.964959971	0.841913354		0.944367805	0.844655751	
1.015142153	0.945598991	0.75723077	0.940808454	1	0.731247565	
0.782457944	0.692004987	1	0.814079741	0.739367764	0.301975167	
0.757389447	1	1.063287515	1.209427799	1.080922261	0.960258405	

0.915739743 1 1.126041138 1.100718541 1.098838904 1.055949298 1
 1.004140853 1.403226129 1.173854078 0.987256961 1.007827514
 YJL180C YJL180C::ATP12::essential for assembly of a functional F1-ATPase;
 binds the alpha subunit of F1-ATPase. 1 0.836384766 1.082759289
 1.046438059 1.257020528 1 1.023512705 1.117988713 1.32182827
 1.189907208 1 0.749641706 0.811953002 1.006532747 0.969364023 1
 0.997121761 0.95762534 0.866131308 1.428473386 1 1.217487374
 1.032085177 0.903504514 0.860324985 1 1.116089935 1.317739528
 1.130358232 1.028771155 1.239588386 1 1.217799428 1.080603586
 1.150634205 0.785064873 1 1.203197083 1.034893761 0.850307171
 0.982320081 1.096905486 0.926410164
 YJL194W YJL194W::CDC6::Protein involved in initiation of DNA replication 1
 1.094732705 1.123665535 1.434648353 1.254910811 1 1.334399226
 1.073951429 1.431950039 1 0.860982339 1.000840408 0.999754342
 1 1.148352455
 1.136544654 1.323659723 1.324664452 1.286376834 1 1.030000038
 1.175231585 1.096286933 0.939805329 1.021315555 1 0.91100224
 1.053030629 0.850602965 1.129164621 0.968507937 0.535006265
 YJL196C "YJL196C::ELO1::elongation enzyme 1, required for the elongation of
 the saturated fatty acid tetradecanoic acid (14:0) to that of hexadecanoic acid
 (16:0)" 1 1.438972259 1.254176803 1.332772751 1.589020822 1
 1.274044268 1.159859601 1.334215276 1.247662166 1 1.078157957
 1.290546252 1.155238158 1.008599092 1 1.277077256 1.096246798
 1.088446167 1.258655013 1 0.56591601 0.558024945 0.504928171
 0.611250559 1 1.230875451 1.539681022 1.313488241 1.077705503 1
 0.744766759 1.388901625 1.037378553 0.418613642 0.80887486 1
 0.897755631 1.220972557 0.738593146 1.365622649 0.831116387 1.269654842
 YGR057C YGR057C::LST7::Required for amino acid permease transport from the
 Golgi to the cell surface 1 0.878309043 0.72941501 0.951629208
 0.99466079 1 0.701113034 0.730499838 0.967230894 0.979496128 1
 0.725665335 0.630139601 0.640812191 1.002411846 1 0.843283368
 0.734738464 1 0.8226029 0.880452615 1 0.846821419
 1.012338582 0.932047063 0.891382254 1.258323648 1 1.288024116
 1.066564899 1.314764644 1.61544549 1 1.214429892 1.086162739
 1.197954014 1.042868171
 YJL198W YJL198W::PHO90::Low-affinity phosphate transporter 1
 0.964983737 0.686236894 0.936115934 0.691141793 1 0.907428298
 0.854557242 0.665188904 0.755456672 1 0.936279809 0.458602129
 0.260831832 0.744912498 1 0.376326275 0.247006204 0.230711846 1
 0.43881633 0.27784315 1 0.955108245 0.68712374
 0.951848409 1.435126408 0.957534502 1 0.768313033 0.453942093
 0.612261206 0.775875793 0.653034637 1 0.515935335 0.414534883
 0.740530002 0.696865178 0.446956178 0.509613183
 YGR059W YGR059W::SPR3::a sporulation-specific homologue of the yeast
 CDC3/10/11/12 family of bud neck microfilament genes; regulated by ABFI
 1.021968189 0.934969555 0.969179319 0.883831463 0.790835071
 1.08538676 1.105463413
 0.569373792 0.590313743 0.92213892
 0.946172225 1.003758752 1 0.995043037 1.172769509
 1.104324499 1 1.428165327 0.810827823
 YJL200C YJL200C::YJL200C::aconitase hydratase 1 1.036014799
 0.777701208 1.081353991 0.587877719 1 1.113401941 1.036930624
 0.585642582 0.641954013 1 0.839323761 0.508871719 0.240710395
 0.865428377 1 0.684338417 1.280607069 1.757726499 0.835463236 1
 0.507723491 0.542644523 0.695719435 1.130871698 1 0.456106727
 0.307459949 0.371510966 1.539056937 1.086125796 1 0.345009512

	0.226106318	0.200304161	0.382191281	0.599183702	1	0.261009786	
	0.180439671	0.668861468	0.763260698	0.441714487	0.842350299		
YJL202C	YJL202C::YJL202C::molecular_function	unknown			1	0.990181566	
	1.438266742	1.098345958	1.595677515	1	1.024291056		
	1.487920375	1	1.03787422	1.345830781	1.504218378	1.110920778	1
	0.841974821	1.038633923	0.888322405	1.099299144	1	1.02722282	
	1.470798424	1.213892832	0.925632765	1	0.6957185	0.955946071	
	0.539357418	0.497093342	1.055360085	1	1.315287188	1.42804332	
	1.293540231	1.169524123	1.597367242	1	0.736298364	0.909437625	
	0.934028274	0.653822602					
YGR061C	YGR061C::ADE6::5'-phosphoribosylformyl	glycinamidine synthetase					1
	1.252350263	0.834810417		1	1.196924748	1.268140765	
	0.727875787	1	1.708657482	1.36441696	0.423549599	1.021651297	1
	1.086829395	0.987858389		1	0.546156837		1
	0.848278412		0.647919427	0.530294072		1.252319807	
	0.635527442		1	1.31571102	1.189183099	1.041663498	
	0.467085366	15.27438527					
YGR061C	YGR061C::ADE6::5'-phosphoribosylformyl	glycinamidine synthetase					
							1
	0.916793337	0.725575628	0.781320463	1.43460549	0.980455847	1	
	0.674032392	0.404145173	0.44413297	0.670191747	0.63915627	1	
	0.62111912	0.522362729	0.669480403	0.702183329	1.423935909	0.516618137	
YJL204C	YJL204C::RCY1::ReCYcling	1	1	1.085569277	1.146916686		
	1.395074141	1.033255602	1	1.23048633	1.235143637	0.795763721	1
	1.104580397	1.14437097	0.685950709	1.12905479	1		
	0.851290624	1	0.744463863		1	0.6978529	
	0.396966881	0.456678105	0.868945593	1		1.687959332	0.972070061
	1.306133555	2.214924417			0.86647619	1.036433928	
YGR063C	"YGR063C::SPT4::Zn-finger protein, transcriptional regulator"						1
	1.466822803	1.36017982		1.628503627	1	1.107904498	0.930522377
	1.701654825	1	1.22603034	1.266578958	1.617509151	1.382292546	1
	1.216826617		0.919526945	0.928040549	1	1.225998392	1.111663802
	0.934680212	0.93290876	1	1.090415675	1.331739261	1.088114062	
	1.362896235	0.855584492	1	0.867326742	1.252410273	1.000602004	
	0.855005863	1.230723972	1	0.932482803	1.151300209	0.721014914	
	1.150019029	0.783294665	1.128679366				
YJL218W	YJL218W::YJL218W::molecular_function	unknown			1	1.154539321	
	1.616897546	1.241781794	1.892862085	1	1.153377676	1.280093617	
	1.631458088	1	0.976144339		1.412400876	1.163735172	1
	1.030265097	0.988260124	1.281113127	1.170602588	1	0.768125304	
	0.968373584		0.866735577	1	1.223543229	1.587772899	1.468541201
	0.92531507	1.395350106	1	0.759082301	1.133755661	1.253432591	
	1.050804261	0.846270206	1	1.10607291	1.446316489	1.360560789	
	1.27726333	0.761800798					
YGR065C	YGR065C::VHT1::vitamin H transporter				1	1.783322258	
	0.923755397	1.065825131	0.567353591	1	1.049385689	1.059423111	
	0.797144204	1	4.820259843	1.500358918	0.410189056	0.628838128	1
	1.248180473	0.171699906	0.560070808	0.558728082	1	1.375869652	
	0.545820768	0.345509273	1.840744911	1	2.052972937	2.317946203	
	2.516828078	1.301844055	0.874472871	1	3.410695931	2.37775993	
	2.229289177	1.010699083	0.608524594	1	2.434476504	1.857731652	
	0.829544256	0.380214713	0.566117842	0.721514177			
YJL220W	YJL220W::YJL220W::molecular_function	unknown			1	1.318037208	
	1.361078965		1.331547938	1	1.160072493	1.218663341	1
	1.01491796		1.442175157	1.234918262	1	0.714885592	
	0.512254793		1	0.500244554		1	0.842973924

0.961514199	0.644593341	0.658814113	1.247780736	1	1.414559989	
1.580443587	0.937214606	1.257248613	1.992994962	1	0.949598358	
1.378306912	1.020580552	1.702038402	1.160420357	2.364184842		
YGR067C	YGR067C::YGR067C::molecular_function unknown				1	1.389377473
1.22142038	1.121676744	1	1.163053027		1.245840731	
1.382877895	1.369464791	1.439003985	1.338018743	1	1.047761114	
1.437508268	0.705096592		0.954958995		1	
0.708931897	0.846738403	1.003118314	1.023363013	0.876360638	1	
0.815580143	0.730178168	0.7789551	1.097702107	0.846796601	1	
0.82017782	0.666170561	0.693186087	0.509164319	0.79195825	0.65409111	
YJL222W	YJL222W::VTH2::vps ten homolog				1	1.179103916
1.341389091	1.260703725	1	1.285231993	1.350910061	1.218282248	
1.285934435	1	1.498676815	1.423333057	1.627835927	1.330269235	
1.241466317	1.307807727	1.200691263	1.649638911	1	1.216565517	
1.847884652	1.866452516	1.061680027	1	1.05058908	1.168577872	
1.066866718	1.575469078	1.791417406	1	0.981117289	0.598867598	
0.811851697	0.67575167	0.546717171	1	0.747038918	0.673892746	
0.88252603	0.673242523	0.695091506	0.760041607			
YGR081C	YGR081C::YGR081C::molecular_function unknown				1	0.93874153
1.159506069	0.951892935	1.273364062	1	0.811001576	0.785242741	
1.287729412	1.362638269	1	0.734170929	0.851497477	0.875267457	
1.114812518	1	1.716368565	0.48423792	0.686486833	1	
0.579704171	0.831881776	0.64145506	1.07127637	1	0.809463758	
0.97465885	0.835876089	0.743600573	0.984821758	1	1.23905403	
1.454208495	1.019323817	1.492455472	1.927791247	1	0.85059232	
1.184654708	1.082301368		0.87343159	1.220619903		
YGR083C	"YGR083C::GCD2::translation initiation factor eIF2B, 71 kDa (delta) subunit; translational repressor of GCN4 protein"				1	0.773125037
0.654658826	0.694689096	1	0.790589994	0.744784926		
0.75134108	1	0.737140264	0.605004643	0.483298469	0.839257688	
0.36113675	0.239544637	0.417473425	0.579880325	1	0.801769393	
0.829836124	1.299461811	1	0.902694634	0.858760421	0.982425557	
0.875771361	1.020461337	1	0.740001528	0.667414006	0.636986942	
0.864547396	0.709530532	1	1.46233201	1.404646397	1.587636881	
1.328922236	1.306059089	0.923783274				
YGR085C	YGR085C::RPL11B::Homology to rat L11 and E. coli L5; involved in protein synthesis				1	1.042379739
0.9555073	0.833549357	1.397102214	1.124046686	1	0.874828159	
0.789401152	1.010021522		0.801346477	0.343242557	0.209801662	
0.426342693	1	1.345556661	1.017719357	0.546928612	0.848645128	
0.841420872	0.802541174	0.569945431	0.800765819	0.890885209	1	
1.508819427	2.060763756	1.308585754	0.864783786	2.364719614	1	
1.083254574	1.116011487	0.910866083	1.739177269	1.261725763	1.17421175	
YGR087C	"YGR087C::PDC6::Third, minor isozyme of pyruvate decarboxylase"				1	
1.592900388	0.972866859	1.050597298	0.852328324	1	1.511121998	
1.350364062	0.702986326	1.065712207	1	1.675245	1.132261311	
0.637752015	0.76882728	1	1.268108553	1.68808613	1.647230123	
0.663611629	1	0.439941782	0.205328765	0.254430039	0.489636176	
0.968445996	0.78905389	1.046715487	1.475016043	1.138715788	1	
0.845472109	0.640236436	0.658366878	0.639830974	0.326424537	1	
0.797075704	0.759966945	0.994026626	0.674812129	0.909007482	0.606807448	
YCR026C	YCR026C::YCR026C::molecular_function unknown				1	1.075951024
0.878425394	1.339797723	0.801674956	1	1.138581895	1.165238393	
0.823217012	0.905970767	1	1.115954671	0.905278472	0.987804334	
	0.84137394	0.644559141	1	0.976049958		
0.853808102	0.78975258	0.867017716		0.794065551	0.682249736	

1.214295368 1.638259942 2.536315534 1.967281984 0.968307694 1
1.032945051 1.276411278 1.573963896 0.390891625 0.85837165 0.805574095
YCR029ca YCR029ca 1.035512392 1.114902791 0.734621928 1.303986725
0.761547922 0.743604599 1.070583877 1.132469733 0.827063539
0.909636635 1.099620588 0.943745383 1 1.213016069 0.711883235
0.763525713 1.554080384 1 1.768116627 1.598429695 1.681442361
1.353047872 1 1.099806901 0.977041313 0.49813522 0.806138003
0.88494498 1 0.963337309 1.44826015 0.824730906 0.761186282
1.867789763 1 1.339330711 1.522296335 0.944776767 1.502791708
1.566863778 1.525336994
YDL138w YDL138w::RGT2::glucose permease 1 1.341388748 1.047758444
1.476391697 1 1.525617836 1.269889393 1.281941951 0.980964427 1
1.523837615 1.57711469 0.974662537 1.271293996 1 0.920815714
1.193757108 0.759410344 1 1.848801857 2.975181662 0.914769585 1
1.024225514 1.089500449 1.047829544 1.031476029 1.017035137 1
0.823930542 0.734362605 0.726163293 0.890049948 0.732659286 1
0.963203375 0.812192711 1.003805431 0.634723958 0.89035266 0.86161404
YLR235C YLR235C::YLR235C::molecular_function unknown 1.077376125
1.080738283 1.267977501 0.884987961 1.007216289
1.192370075 1.315799904 1.963190819 1.427365908 1
1.488590054 1.734796646 1.036588998 1
1.202763951 1.182763846 1.111482723 1.23676053 1.056698392 1
0.784643475 0.620174665 0.8288131 0.758402055 0.742353499 1
0.951112337 0.857042146 0.882173564 0.827269861 1.414654582 0.86161404
YPR016C "YPR016C::TIF6::similar to human translation initiation factor 6
(eIF6); however, TIF6 does not act as a true translation initiation factor.The
protein may be involved in the biogenesis and or stability of the 60S ribosomal
subunits" 1 1.031715986 0.654851464 0.82910622 0.864432915 1
0.812935132 0.86854476 0.638745825 0.852562127 1 0.839619291
0.552456928 0.614407364 0.666163408 1 0.534711551 0.234377825
0.400559196 0.442574776 1.103630332 0.521090044 0.439789753
0.596836593 1 0.832749194 0.736335526 0.875554453 1.504033869
0.870512963 1 0.593988657 0.403419228 0.424417459 0.556447274
0.273098244 1 0.681532848 0.368796942 0.651957339 0.459344614
0.452433453 0.584041204
YAL065C YAL065C::YAL065C::molecular_function unknown 1 1.262157654
1.266276331 1.210464545 1.417852132 1 1.192210008 1.164884293
1.288506914 1.195825202 1 1.153272179 1.120463382 1.429432127 1
0.97394229 0.855086782 0.846491624 1.16199936 1 1.154834782
1.293556805 1.11038649 0.894217216 1 1.458219853 1.388398388
1.514532207 1.334706117 0.958270575 1 1
0.757573209 0.489870866
YAL065C YAL065C::YAL065C::molecular_function unknown
1 1.277470656
1.112481281 1.028493161 1.047790959 0.892699327 1 0.714216522
0.845648204 1.08243071 0.691328533 1.115229727 1 0.803338326
1.097437944 0.956023115 1.284874741 1.181429247 1.156699286
YAL067C YAL067C::SEO1::Suppressor of Sulfoxyde Ethionine resistance 1
1.69466607 1.601887971 1.416658036 1.548347078 1 1.515622552
1.332478493 1.489214653 1.417623369 1 1.529528746 1.452215814
1.797094671 1.637328158 0.931734592 0.770167443
0.585946744 1.084079752 0.960829002
0.865012273 1 0.76256158 1.022200535
0.705627387 0.855973834 1.070843605 0.950927634
YAR002W YAR002W::NUP60::nuclear pore protein 1 0.881444309
0.886815914 1.007181747 0.914806708 1 0.979202668 1.005385222

0.967824728	0.927609701	1	0.807077323	0.788017439	0.772685752	
1.050355039	1	0.688104735	0.680655272	0.689742418	0.643141435	1
0.795347181	0.627265726	0.563317503	0.912296958	1	0.909347274	
0.918809158	0.714377883	0.961980932	0.870826278	1	0.879152653	
0.755876257	0.759530309	0.7889237	0.940230547	1	0.897158209	
0.755773989	0.854272423	0.617596396	0.912291092	1.266152286		
YAL014C	"YAL014C::SYN8::SNARE protein related to mammalian SYNTAXIN 8, ULP1 Interacting Protein 2"					
1	1.048414278	0.907901888	1.077721014	0.946420733	1	
1.042636922	1.101231173	0.852240442	0.988991105	1	1.010219233	
0.934434956	0.841059647	0.922731616	1	1.450141563	1.291744517	
1.547729272	1.515637035	1	1.007183061	0.705694534	0.883944511	
0.989658238	1	1.151578005	1.055320323	0.984717388	1.041874091	
0.845217472	1	0.93541009	1.072128934	0.910713135	1.07918174	1
1.128553465	1.268644036	1.057279953	1.354768849	1.264897244	1.082271213	
YAL016W	YAL016W::TPD3::protein phosphatase 2A regulatory subunit A					
1	0.962647185	0.78155414	1.0594176	0.854616477	1	1.133341546
1.037803509	0.854732317	0.811229988	1	0.99014166	1.086525947	
1.004766723	0.870937189	1	1.606875654	1.583353859	1.529205336	
1.170270922	1	0.661549612	0.879752756	0.89489082	0.913042922	1
1.207475668	1.224177398	1.408105655	1.135795583	1.093246818	1	
1.22640064	1.024604875	1.388356548	0.794099136	0.543701236	1	
1.323632576	1.132885666	0.93334809	0.88926482	0.965108289	1.009594469	
YGR089W	YGR089W::YGR089W::molecular_function unknown					
1	1	1.326703757				
0.989881393	1.342101316	1.139690835	1	1.49549717	1.294576519	
1.032060727	0.974058943	1	1.248259453	0.983056393	0.710454483	
1.277611256		1.21644585		0.922825634		
1	1.018842454	1.157211791	0.972523105	1.083566791	0.97325691	1
0.830809895	0.80891567	0.970062172	0.737425947	0.942740849	1	
1.103620316	1.077523637	1.135552382	1.176744091	1.194247792		
YGR091W	YGR091W::PRP31::pre-mRNA splicing protein 1					
1	0.898769105	1.059167663	1.062587921	1	0.883315713	0.974940615
1.178706403	1	0.8376551	0.936743028	0.900177657	1.116129294	
1.104759926	1.003892141	1.268493196	1.307909315	1	0.886065354	
0.462180664	0.644675816	1	0.924638887	0.813071585	0.627087282	
0.925518727	1.028547717	1	0.956235322	1.004809978	1.087365405	
1.061386284	1.493104478	1	0.901614351	0.870875592	0.951205996	
0.630332011		0.825713448				
YGR105W	"YGR105W::VMA21::Protein involved in vacuolar H-ATPase assembly or function. Required for the biogenesis of a functional vacuolar ATPase (V-ATPase), but not part of the final enzyme complex."					
1	1	1.719931043				
1.446926482	1.662088696	1	1.666283682	1.414638969	1.387756073	1
1.635496028	1.302615354	1.822108077				
1	1	0.946531031		0.944110472	0.979930909	
1.091328408	1	0.96524853	1.332120617	1.119231557	0.980558261	
1.139314597	1	0.963341295	1.273670962	1.004313074	1.428980524	
1.304679768						
YGR107W	YGR107W::YGR107W::molecular_function unknown					
1	1	1.216765178	1.6455796	1	1.513531382	
1.233220708	1.578505214	1.398324257				
			0.723393437		0.925295231	
0.962667576	0.807558156		1	0.725133366	0.538039519	
0.896553157	0.28994069		1.062131964			
YGR109C	YGR109C::CLB6::role in DNA replication during S phase 1					
1	0.984231162	0.932940681	1.156441015	1.240166295	1	0.912615821
0.998653223	1.100932378	1.190238398	1	0.512858841	0.644004551	
0.81118775	1.41294898	1	0.690910076		0.715245494	1.190084241
		0.462031963	1	0.763984435	0.98566596	0.806269816

	0.690605005	1.001057455	1	1.002518831	1.505992523	1.638042855
	1.298899226	1.558240038		0.859024636	0.954410829	0.974916087
	0.837029044	1.130548299	1.101535006			
YGR111W	YGR111W::YGR111W::molecular_function unknown			1		0.858169093
	1.016165157	1.054803032	1.1896987	1	0.959397775	1.111737263
	1.201393509	1.067077766	1	0.810851477	1.219660512	1.312464788
	1.270124376	1	1.808603485	1.903755066	2.255584053	2.108879035
	1.323024611	1.016160363	1.594955319	1.676386116	1	1.055066125
	1.595172706	1.163835457	0.854850492	1.021387346	1	0.9987477
	1.464443277	1.216696353	1.151819869	1.515415168	1	1.443679214
	1.602167621	1.411278981	1.326203254	2.38753574	1.17596308	
YGR113W	YGR113W::DAM1::Duo1 And Mps1 interacting. Localized to intranuclear spindles and spindle pole bodies.			1	0.811059966	0.949910851
	0.937885874	1	0.880787757	0.943760491	0.969038485	0.913376466
	0.843211885	0.973369734	0.778800914	1.117140627	1	1.201402048
	0.734033237	1.091509644	1	1.256800697	0.931523342	1.376270801
	0.970441083	1	1.026486468	1.152273854	1.073654494	1.071662021
	1.142215042	1	0.864020208	0.735627317	0.724866477	1.092626321
	0.886967803	1	0.98405889	1.408960667		1.329074401
	0.911524592					
YGR115C	YGR115C::YGR115C::molecular_function unknown			1		0.746847128
	0.941406265	1.412636457	0.826232501	1	1.121498461	1.299153447
	0.73973137	1	1.013353337	1.209811814	0.579193506	1.222407981
	0.959029104		0.672574635	0.286019923	1	0.887606562
	0.467581267	0.397904934	1	0.687145052	0.91792417	0.749150303
	0.646308053	0.669072189	1	1.294118251	0.651043227	1.184122202
	2.038442831	1.029234645	1	0.850214643	0.86872914	1.148105692
	0.556776508	0.931288481	0.556021232			
YGR129W	YGR129W::SYF2::SYnthetic lethal with cdcForty			1		0.866588592
	1.186436879	1.132237415	1	0.846923162	0.985166237	1.117330614
	1.23892822	1	0.769629268	0.903300761	0.969131172	1.357032242
	0.713173213		0.591537967	0.746619325	0.554143505	0.807354121
	0.524597684	0.393542496		0.924421413	1.039132682	0.915355374
	1.09268846	1.124324554	1	0.811853464	0.735916366	0.744912319
	1.721386066	1.431482916	1	0.737332483	1.165704961	
	0.930169084	0.915027042				
YGR131W	YGR131W::YGR131W::molecular_function unknown			1		1.339539406
	1.420401716	1.050571576	1.413327066	1	1.07602385	1.081791558
	1.22031121	1	1.021811861	1.516844343	2.34035519	1.097334373
		1.937089698	1.963823124		0.336444268	0.382430907
	0.106539129	1	1.25866795	2.313511484	1.629474531	1.267908841
		2.81549364	3.660252306		1	1.293446538
	0.8665994		1.143564939			
YAL018C	YAL018C::YAL018C::molecular_function unknown					0.966560327
	1.046573776	0.998504385	1.101340125		0.952842937	1.021495268
	0.978830567		1.030815383	1.029506625	0.964304179	1
	1.402910497		1.279452409	0.927732052	0.391160107	1.024288614
	0.684894415		0.555794094	1.058821626	0.905200893	1
	0.561335421	0.878508932		0.884521626	1.683080325	1
	0.943706572	0.773055825	0.706928457	0.681745951		0.690058758
YAL022C	YAL022C::FUN26::predicted membrane protein			1		1.314800643
	0.967884286	1.201295802	0.977099851	1	1.325827966	1.136976626
	0.948525968	0.974747542	1	1.136332448	1.041867371	1.064471569
	0.839512321	1	0.69670042	0.497250496	0.655622864	0.913219667
	0.89112568	1.537780502	0.784189617	0.976971992	1	1.31869795
	1.024654527	1.212889226	1.262151736	0.990769338	1	0.985656509

0.895548332 1.002372634 0.603112583 1.008003877 1 0.908273244
 0.960496256 1.000696725 0.991559452 0.984764372 1.03936572
 YAL024C YAL024C::LTE1::Gdp/GTP exchange factor required for growth at low
 temperatures 1 1.840259408 1.245242377 1.413675834 1.537325028 1
 1.683620418 1.36747432 1.384267426 1 1.24307117 1.206847686
 1.050341169 1 0.518871432 0.569997943 0.656472703 1
 0.728972157 0.871001038 0.30520894 0.568198159 1 0.935394329
 0.944995365 1.056378533 1
 0.913537606 0.703737906 0.69211438 1.504792758 0.682130405 2.411468451
 YAL024C YAL024C::LTE1::Gdp/GTP exchange factor required for growth at low
 temperatures
 1 0.720591291 0.860072704 1.067185835 0.7767885 1
 1.241746769 0.971663443 1.804614876 1.162744142 1 0.903034966
 1.126358857 0.892732172 0.566739854 1.034111939
 YAL036C YAL036C::FUN11::Function Unknown Now; similar to Xenopus GTP-binding
 protein DRG 1 1.188003478 0.810695108 0.991500362 1.162663239 1
 0.898424829 0.816033035 0.94792337 1.065695318 1 0.816522544
 0.459099908 0.437718152 0.999319846 1 0.485007264 0.219144157
 1 0.571522642 0.225918757 0.219739597 0.487114971 1 1.142960512
 0.856858095 0.92129388 1.325771356 0.92495101 1 1.042545989
 0.854271027 0.769134244 0.720266325 1.032330486 1 0.784972184
 0.847968074 0.745631436 1.129629309 0.50012988 0.798569088
 YAL038W YAL038W::CDC19::Required for START A in the cell cycle and
 sporulation 1 0.945819211 0.689414718 0.974181755 0.618445923 1
 1.235030418 1.077859882 0.727989002 1 0.958820522 0.877260282
 0.62046745 0.705725724 1 1.245265193 1.120525316 1.221686202
 0.581956015 1 0.804381694 0.413964384 0.343589746 0.542517476 1
 1.15334626 0.893369505 1.432811118 1.311594901 1.042780018 1
 1.108602318 0.748538556 0.9918349 0.557412848 0.416099132 1
 0.812544294 0.7087255 0.873316199 0.632002224 0.723493903 0.713633558
 YAL040C YAL040C::CLN3::role in cell cycle START; involved in G(sub)1 size
 control 1 0.988330998 0.715431311 0.995530374 0.707556599 1
 1.118539459 1.129909882 0.686809607 1 1.022652663 1.063534469
 0.690936186 0.703364333 1 0.935107527 0.959457161 0.983499203
 0.900885358 1 0.699427415 0.645982713 1 1.181011357
 1.01800602 1.075717609 1.144830255 0.888403744 1 0.660959513
 0.583572117 0.605534922 0.592947525 0.679138336 1 0.711404771
 0.725310542 0.459328425 0.843011674 0.710809287 0.840599021
 YAL042W YAL042W::ERV46::ER vesicle protein of 46 kDa 1 1.105262047
 0.964773378 0.832498216 0.396146253 1 1.079677271 1.184630595
 0.664350284 0.726531997 1 1.209017437 1.192383135 1.008653843
 0.799721146 1 1.018926267 0.784779678 1.01000059 0.62343676 1
 1.037200706 0.584112383 0.528285316 0.511249161 1 0.884728759
 0.859459511 1.022643059 1.143656286 0.923018648 1 0.873376806
 0.669686923 0.892128453 1.013522365 0.435259753 1 0.80563147
 0.616606073 0.97766939 0.586065222 0.725304666 0.719762951
 YAL044C YAL044C::GCV3::H-protein subunit of the glycine cleavage system 1
 1.1532077 1.426892906 1.048992499 1.153012002 1 1.073272664
 1.021849417 1.591665344 1.414669512 1 1.329335142 2.218181709
 2.833161026 1.453560853 1 2.143632364 2.416846638 2.740415172
 2.552712332 1 2.744228815 3.808762511 4.932140836 3.876819097 1
 1.19047392 1.173106906 1.334265997 1.244264469 1.34448941 1
 1.059002903 1.273982332 1.122881394 1.614147325 4.058020515 1
 1.152135516 1.458656785 1.39833849 2.027977494 3.543561109 1.672441811
 YAL046C YAL046C::YAL046C::molecular_function unknown 1 1.403426448
 1.220879002 0.996716246 1.233350575 1 1.026001215 1.062648361

1.17478909	1.281183786	1	1.121988185	1.078620131	1.109715873
1.206613841	1	0.896000596	0.376324548	0.786854892	1.356033041
1.688102336	1.628484669	1.559348535	1.290195256	1	0.903933864
0.643484532	0.615559275	1.035234663	0.822017968	1	0.749735546
0.456036564	0.405674893	0.592261131	0.8034327	1	0.833114976
0.636285346	0.640943329	0.578427552	0.72896072	1.029733823	
YAL063C	YAL063C::FLO9::putative cell wall protein involved in flocculation				
1	1.060860548	0.827003405	1.0883015	0.792487944	1
1.177219432	0.775274282	0.871619256	1	1.104962963	1.030486906
0.716945021	0.913001831	1	1.336234717	1.130426817	1.06221744
0.952813467	1	1.095429743	1.113302211	1	0.986545321
0.981379822		0.836083264	1	1.153185345	1.191139505
1.195367473	1.192920128	1.073717586	1	0.778866406	1.115524473
0.633282386	1.542442211	0.837737056	1.058629408		
YGR133W	YGR133W::PEX4::Involved in peroxisome biogenesis 1				
1.516911058	1.356281062	1.123640645	1.320788833	1	1.163470174
1.147222757	1.603223883	1.38668748	1	1.487070912	1.355758557
1.586856995	1.462792727	1	1.304922676	0.960705061	0.954739414
1.869269445	1	2.071448916	1.323614726	1.784943802	1
1.172396048	1.184985025	1.293961961	1.135185546	1	0.805467121
1.406666905	1.144019847	1.254187727	1.654967486	1	0.941823003
1.099843837	1.08059129	0.990333075	1.156000723	0.946549518	
YGR135W	YGR135W::PRE9::proteasome component Y13 1				
1.362481141	1.194360708	1.438011996	1	1.16622161	1.112426273
1.932753421	1.312646726	1	1.050628006	1.508985943	1.784627372
1.38097621	1	1.289075676	1.047170065	1.31433804	1.588302692
1.859055099	1.84548023	2.8363719	2.065485409	1	1.101929777
1.45655234	1.172834937	0.688510543	1.188413152	1	1.106797111
2.267313079	1.953885883	1.130990035	1.498269615	1	1.462104999
1.923124151	1.393957695	1.629315672	1.698897584	1.552481354	
YGR137W	YGR137W::YGR137W::molecular_function unknown 1				
1.81113393	1.278229515	1.497149439	1	1.32493401	1.347838844
1.597588507	1.270802875	1	1.369040242	1.678925053	2.844739107
1.265580357		0.393692875	0.393683191	0.474474562	0.518487729
2.571042437	4.722246183	5.041580629	3.067038931	1	1.250370361
1.410390601	1.039604853	0.83885336	1.029758872	1	0.974540514
1.908819275	1.265827428	0.84028792	1.933691183	1	1.037633399
1.979586372	1.061102355	1.824476654	1.516744861	2.012184037	
YGR139W	YGR139W::YGR139W::molecular_function unknown 1				
1.261264467	1.55352895	1.39315106	1	1.498550934	1.502513615
1.258387983	1.548759977	1	1.3408029	1.177924462	0.889658207
1.564140135				1	
		1.103353601	1.123367752	1	1.474752755
1.44855909	1	0.873694285	0.826439179		0.713559647
YGR153W	YGR153W::TOS10::molecular_function unknown 1				
1.199628798	1.576849917	1	1.22355626	1.010522299	1.616574546
1.62043478	1	1.382225625	1.585420993	1.842542763	1.457715341
0.875521559	0.772842135	0.921183792	0.903424817	1	2.411434756
4.641991389	2.057947155	2.320945813	1	0.766160987	0.835518877
0.57895724	0.711124176	1.038980145	1	0.845518922	1.407754518
1.717608761	1.825055501	2.555517679	1	0.944349404	1.119370814
0.648381977	1.337234758				
YGR155W	YGR155W::CYS4::encodes the first enzyme in cysteine biosynthesis 1				
1.071397421	0.718573506	1.076312302	0.774630385	1	1.201368842
1.073123732	0.814687918	0.859562906	1	0.962162253	0.86564678
0.445974144	0.798724161	1	1.271411443	0.718993755	0.684136368
0.473104081	1	0.856781906	0.292497767	0.266438053	0.809567469

0.917396347	0.769185473	1.059559398	1.302777088	0.892871622	1
1.111211683	0.843955975	0.741273186	0.883963236	0.712799677	1
1.185969207	0.668467409	0.943960069	0.68918012	0.661669137	0.818708442
YGR157W	YGR157W::CHO2::First step in the methylation pathway for phosphatidylcholine biosynthesis				
1	1.316140847	0.747183728	1.134313186		
0.766124098	1	1.18144393	1.224242749	0.702908402	0.713898984
0.97527455	0.867698528	0.398233213	0.737764209	1	1.126555982
0.936655006	0.95063436	0.627631178	1	0.838009709	0.492424525
0.495774243	0.833617	1	1.154797349	1.032210445	1.306284136
1.463406636	0.980324025	1	1.227351806	1.119674443	0.74988524
0.837084498	0.878051993	1	1.172243132	1.153246618	1.159844144
1.159020239	0.84814286	1.009594469			
YGR159C	YGR159C::NSR1::nuclear localization sequence binding protein				
1					1
1.1800866	0.554364938	0.910144323	0.732796481	1	0.764248616
0.617074572	0.820507667	1.123234287	1	0.372337957	0.208486536
0.213550365	1.01249853	1	0.312849852	0.115145537	0.191993931
0.322051397	1	0.382996426	0.170814319	0.089612815	0.362198495
0.697143699	0.317488263	0.570735158	1.097189208	0.698244917	1
0.50099428	0.283040926	0.191579828	0.479519795	0.660285025	1
0.475862692	0.360620105	0.724365728	0.941594468	0.240214755	0.767046613
YGR161C	YGR161C::YGR161C::molecular_function unknown				
1					1
1.412976931	0.834885493	0.59697392	1	1.211189648	1.332250206
0.936243723	0.665937448	1	1.737362319	1.726654632	1.839990377
0.794165838	1	1.579559379		1.996966381	2.134505545
0.768350251	0.48530703	0.546405448	0.618579252	1	1.286323931
1.084073497	1.136468636		1.233801415	1	1.456060261
1.073854549	1.101770179	1.241371391	1	1.271802661	0.883161215
1.387849793	0.844354516	1.054921005	0.885255897		
YGR163W	"YGR163W::GTR2::(putative) small GTPase, similar to Gtr1"				
1					1
1.058313812	1.097952507	1.010645943	1.119696506	1	0.963558315
1.033991892	1.226216394	1.250912049	1	0.878630272	1.126788612
1.215647707	1.151997489	1	1.245153629	0.910045928	1.111936434
0.984575413	1	1.736519755	1.064298077	1.436675303	1.217906882
1.051620784	1.218648805	0.817936433	0.837884119	1.007312606	1
1.023135076	1.037282623	0.854631122	0.817440644	1.532252198	1
1.153803239	1.11946097	0.949611738		1.20294604	1.128679366
YNL020C	YNL020C::ARK1::actin regulating kinase				
1					1
1.390013227	1.452722883	1.228961021	1	1.615125489	1.380528895
1.218439511	1.356781951	1	1.56821033	1.714965414	1.700275939
1.343000539	1	1.323886572	1.214968947	1.406649352	1.36592233
1.702640734	1.488669711	1.389525244	1.161906232	1	1.030349136
1.041222383	1.074562793	0.943420446	0.867927892	1	0.986391192
0.759696086	1.096053939	0.757717056	0.797488835	1	1.11665304
1.068179719	1.00267885	0.861396256	1.04816563	0.965813311	
YNL022C	YNL022C::YNL022C::molecular_function unknown				
1					1
0.79943415	1.085646901	1.026556352	1	0.923972875	0.832903205
0.973857249	1.163314067	1	0.718742351	0.695261573	0.572973719
1.054142754	1	0.653404052	0.56634388	0.559299141	0.702662046
0.970316944	0.725853252	0.545875353	1.022339902	1	0.775802101
0.74626009	0.813720351	0.97068649	0.850316347	1	0.914261998
0.70416761	0.835444949	0.951173341	0.722520813	1	0.669585418
0.675029823	0.823285906	0.926269129	0.62067788	0.865992156	
YNL024C	YNL024C::YNL024C::molecular_function unknown				
1					1
1.26116995	1.24424461	1.604015386	1	1.208340708	1.213458579
1.338278271	1.583751862	1	0.805923257	1.059865173	1.150670029
1.2056485	1	0.999137477	1.180516101	1.972320307	1.00351481
1.477309499	2.291903452	0.931774294		1	1.038085175
					1.124362995

	0.966220243	1.024780281	1.109594996	1	1.006594181	1.08956281	
	1.365149949	1.000152441	1.193800177	1	0.869045463	1.16473926	
	1.049320922	1.01484825					
YNL026W	YNL026W::YNL026W::molecular_function	unknown		1		1.038594086	
	0.983497862	1.13803731	0.972322425	1	1.160575683	1.090924687	
	0.900020684	0.919153584	1	1.112588081	1.221883055	0.774189966	
	0.977811026	1	1.342529038	0.851214751	0.96975015	1	
	1.587001213	0.902561602		1	1.245702237	1.486366682	
	1.36153883	1.153863228	1.09403535	1	1.094836455	1.100855415	
	1.128998502	0.950052029	0.939767857	1	1.076258641	1.179861273	
	1.0241565	1.044891177	1.107223423	0.947425183			
YNL028W	YNL028W::YNL028W::molecular_function	unknown		1		1.089444675	
	1.171915132	1.392599858	1.3122358	1	1.292491301	1.305923628	
	1.258650679	1	1.223278309	0.730507442	1.238116872	1	
	0.559489348	0.463466664	0.747554363	0.57927785	1	0.799820213	
	1	0.938393238	0.739790795	0.81242136		1	
	0.977077289	0.949183484	1.07361655	0.885666792	1	0.795022783	
	0.819087439	1.304595901	0.758150487	1.007107617	0.805574095		
YNL042W	YNL042W::BOP3::bypass of PAM1		1	0.733262084	0.76991393		
	0.845126919	0.756611765	1	0.838219385	0.87356943	0.796241217	
	0.7637779	1	0.743192699	0.93870193	0.818983986	0.800599521	1
	1.767687322	1.961660792	2.019682378	1.178470388	1	1.394186401	
	1.56873006	1.355256706	1.399220243	1	1.125461803	1.095280564	
	1.007178981	0.977804004	0.969290633	1	0.958443856	1.053630958	
	1.046508281	1.099908444	1.327811572	1	0.805206522	0.900246936	
	1.193507723	1.054579929	1.101536853				
YNL044W	YNL044W::YIP3::Interacts with YPT	proteins		1		1.889246186	
	1.622061152	0.958544686	1.800386638	1	1.141849307	1.075736852	
	1.257611829	1.220971838	1	1.12683903	1.074277245	1.258921227	
	0.881864189	1	0.880480162	0.523636444	0.565079019	1.203873219	1
	1.099828835	1.068704176	0.967764276	0.844503802	1	1.230758205	
	0.99740347	0.733179903	0.986046707	0.808329089	1	0.747680786	
	0.804250959	0.58534962	0.560811183	0.843946838	1	0.845251246	
	0.892959708	0.819623928	1.433351537	1.16682685	1.543725122		
YAR007C	"YAR007C::RFA1::Required for DNA-damage repair, full levels of gene conversion and sporulation"		1	1.081021362	0.977035948	1.182055401	
	0.93887949	1	1.106605334	1.099585004	1.054512815	0.989825643	1
	1.103154527	1.094877273	1.07157883	1.151571909	1	0.84691133	
	0.561028457	1.064552207	1.01411625	1	1.814740319	1.929426395	
	1.669623074	1.323184728	1	0.950127227	0.88071421	0.849807226	
	1.167033075	1	1.264956664	0.961807182	0.86251791	0.696824281	1
	1.156036899	1.05752986	0.944875169	0.986255683	1.146191829		
YNL046W	YNL046W::YNL046W::molecular_function	unknown		1		1.382558886	
	1.299354096	1.023314484	1	1.045187011	0.98002973	1.263798448	
	1.473526832	1	1.342106795	1.509657528	1.001157985	1	
	0.708587927	0.60949861	0.686295039	1.010058626	1	1.364002753	
	1.449546997	1.040678093	1	0.967772167	0.906213105	1.016260006	
	1.033730186	0.780857802	1	0.771313594	1.25596286	0.881409701	
	0.543230753	1.632733526	1	1.150901778	1.220564313	0.952405725	
	1.337613708	1.128291721	1.160201842				
YAR040C	YAR040C		1	1.464267694	1.290587566	1.203147958	1.119625604
	1.28071397	1.251908274	1.292961487	1.262284299	1	1.220420136	
	1.625303171	1.528038541	1.213907849	1	1.260746101	2.623654929	
	1.149090538	1					
	0.4847775						
		0.999962573					

YNL048W "YNL048W::ALG11::Specifies addition of the terminal alpha 1,2-Man to the Man5GlcNAc2-PP-dolichol N-Glycosylation intermediate" 1 1.029446013
0.853457449 1.123471392 1.108164707 1 1.02564981 1.14715028
1.100452033 0.837184878 1 0.950206251 0.819003484 0.68724395
0.916871612 1 1.435649456 1.031088808 1.032667141 0.844513619 1
1.163838515 1.065934806 0.888099555 1 1.192169377 1.23070572
1.09730069 1.170492395 1.011044431 1 0.87888291 1.033562061
0.852779206 0.713431042 1.000623372 1 1.225774156 1.147026223
1.089285723 1.121258954 0.942171402

YAR043C YAR043C 1 1.081163514 0.944346202 1.166287097 0.966927477 1
1.148527987 1.05149101 1.061327036 1.074510762 1 1.23398541
1.304161536 0.886571936 1.140147588 1 1.140905001 1.114919285
1.226309714 0.978953924 1 0.929863045 0.716701977 0.581406282
0.697658375 1 1.499644857 1.222106862 1.576690745 1.517070868
1.327206123 0.80966377 0.641372714 0.667303863 1.047485954
0.792398474 1 0.790522316 1.022156112 0.703436236 0.866622859
1.328321573

YNL050C YNL050C::YNL050C::molecular_function unknown 1 0.504356638
0.787184532 0.714096559 1.078372341 1 0.591436338 0.612555129
0.835188376 0.926750517 1 0.431282723 0.515227311 0.706677754
0.800667202 1 0.470646139 0.403037683 0.461607326 0.59935948 1
1.278657992 1.239676798 1.192654506 1 0.737250768 0.676944416
0.534138571 0.52206258 0.886546729 1 0.763915272 1.067825981
1 0.836053687 1.306112374 1.398210048 1.41725628
1.04024128

YAR047C YAR047C::YAR047C::molecular_function unknown 1 1.247298413
1.30303402 0.990586315 1 1.230601632 1.241289792 1.000255091
1.131173794 1 1.363864528 1.149637041 0.955246621 1.138641035
0.574251757 0.900533335 0.374081348 0.331787591
1 0.967347334 1.063700562
1 1.098725921 1.453689457 1.04199261

YAR052C YAR052C 1 1.228646142 0.961107882 1.129244716 0.811431782 1
1.169159255 1.128067334 1.087565283 0.963420264 1 1.315831813
1.187379545 1.295360656 1.080289868 1 1.279188994 0.814279415
1.536764417 1.321587677 1 1.163106582 1.425325245 0.925052802 1
1.058325349 1.437490289 1.343777157 1.042165957 0.817271316
0.910335479 1.302831304 1.113993027 1 0.745595076
0.932271357 1.190155888 0.776678509

YAR060C YAR060C::YAR060C::not yet annotated 0.944397153 0.797172586
0.854263542 0.836039499 0.77545766 0.787038096 0.818996203
0.896990229 0.913867512 0.752556497 0.804728984
1 0.875873331 1.135386403
1.097442722 0.738247482 1 0.788358163 0.821584879 0.737941477
1 0.916483792 1.187196348

YBL005W YBL005W::PDR3::Zinc-finger transcription factor related to Pdr1p 1
1.005466573 0.901456184 0.98977008 0.985442286 1 0.988678133
0.93460591 0.938285756 0.859042154 1 1.002396772 1.011769543
0.965080143 0.822126148 1 1.125494368 1.066111008 1.029810274
0.836750154 1 1.150567271 1.312372875 0.970799689 0.955052678 1
0.963967952 0.960019489 0.860852657 0.827549001 0.9272257 1
0.947798158 0.907779548 1.074805678 0.836923239 1.373793478 1
0.912365147 1.016858553 0.848862228 0.626145241 0.921369435 1.125176811

YBL005WB YBL005WB 1 1.155274857 1.21850625 1.603131553 1.086767445 1
1.333415586 1.257907172 1.173379294 1.069284539 1 1.648411715
1.454134023 0.979161011 1.438000785 1 1.165333259 1.496405998
1.085207935 0.722274998 1 0.422777179 0.382536625 0.692069641 1
1.002767902 0.943671538 1.03237053 1.157507487 0.897099607 1

0.980055139 1.273359594 1.725697374 2.468542111 1.479777622 1
 1.229785849 1.791165319 2.016160313 1.019827886 1.154847171 1.098908116
 YBL007C "YBL007C::SLA1::Involved in assembly of cortical actin cytoskeleton,
 contains 3 SH3 domains, interacts with Beelp" 1 1.130359659 1.334133736
 1.356908855 0.925724233 1 1.3500021 1.315613814 1.200711282
 0.904764155 1 1.290483789 1.639198892 1.129565035 1.217609373
 0.955845286 0.987898747 0.82091629 1 1.699879512 2.256215769
 1 0.969459436 0.983371136 1.126261257 1.028841183 0.797179705 1
 0.919307446 0.740791324 0.903936772 0.884459874 0.476251556 1
 0.891469754 0.755694475 0.974592083 0.545942776 0.874966509 0.744280421
 YBL009W YBL009W::YBL009W::molecular_function unknown 1 0.847675255
 0.72867305 0.898218196 0.566565457 1 1.075108964 0.915500154
 0.639012279 0.74443909 1 0.835339431 0.82319569 0.361377511
 0.808777871 0.867333279 0.931734592 0.715155454 1
 0.62665102 0.780155896 0.715857989 1 0.997516981 0.713358043
 1.028400173 0.949162981 0.97398991 1 0.799844894 0.597930656
 0.5035624 0.6169056 0.531563007 1 0.679352786 0.705928765
 1.065246052 0.680602571 0.71381048 0.906270811
 YGR177C YGR177C::ATF2::Alcohol acetyltransferase 1 1.044817168
 0.771465912 1.030108894 0.579848385 1 1.120769123 1.017744444
 0.81651315 0.819574247 1 0.606131514 0.602106875 0.485953999
 0.726561426 1 0.362871707 0.930838726 0.57277018
 1 0.756752788 0.682815242 1.492422305 2.549946587
 1.309179715 1 0.474908496 0.253082847 0.553485623 1.701527597
 0.873136454 1 0.583857189 0.428763521 1.615581012 0.645339958
 0.570272805 0.61556368
 YGR179C YGR179C::OKP1::Outer Kinetochore Protein 1 1.1625829
 1.131933053 1.422082654 1 1.008582553 1.118623696 1.23919146 1
 1.026394559 1.180415034 1.215755977 1.4698736 1 1.41662103
 0.861213964 0.879023592 0.847513559 0.802881236 0.464206203 1
 0.982027132 0.901773688 0.758737856 1.197223048 1 1.247780963
 1.336893798 0.741988225 0.85604929
 1.176429 0.93253961
 YGR181W YGR181W::TIM13::Translocase of the inner membrane; mitochondrial
 intermembrane space protein mediating import and insertion of polytopic inner
 membrane proteins 1 1.286871451 1.657084812 0.992322081 1.522984017 1
 1.263566291 1.090238515 1.697168613 1.78243038 1 1.122465766
 1.148350386 2.032022197 1.118739832 1 1.28067242 0.925853441
 0.89435113 1.38463147 1 1.622785347 2.038347541 2.328566465
 1.398835816 1 0.958446065 0.934874281 0.710912996 0.772141266
 0.907828517 1 0.809817486 1.038330038 1.002889784 1.060726871
 1.71491956 1 0.836648162 1.010311982 0.92324393 1.082463342
 1.274255614 1.350212256
 YGR183C YGR183C::QCR9::7.3 kDa subunit 9 of the ubiquinol cytochrome c
 oxidoreductase complex 1 1.225063643 1.468729762 0.883663188 1.59648706 1
 1.193700024 1.362857025 1.23471788 1.248711294 1 0.904697076
 1.007444365 1.821449937 0.913557095 1 1.466548524 1.320371977
 1.469633621 2.110058514 1 2.050675918 1.62666109 3.274891101
 2.283027324 1 0.651532674 0.465618218 0.37690795 0.672703648
 0.964756429 1 0.433671339 0.460666719 0.329479537 0.517599124
 1.773976147 1 0.615472466 0.799709917 2.148702498 1.981163378
 1.499943964
 YGR185C "YGR185C::TYS1::tyrosyl-tRNA synthetase, cytoplasmic" 1
 1.144011549 0.975872616 0.988963946 0.852845848 1 1.093853997
 1.340876532 0.921409459 0.915782376 1 0.983875646 0.912404872
 0.656104488 0.948659242 1.920997723 1.379121523 1.251278665
 0.954457514 1 1.18127197 0.503400554 0.922664337 1

0.880448523 0.836007466 0.800360567 0.870614355 0.809682182 1
0.932083406 0.949776516 0.730753708 0.673721569 0.85011791 1
1.041952705 1.072385288 0.910176085 1.053170496 0.81764483 1.171584964
YGR187C YGR187C::HGH1::HMG1/2 homolog 1 1.083241851 0.854488909
1.077287019 1.029893543 1 0.878988357 0.760012503 0.938725049
1.111754895 1 0.679346029 0.546590066 0.553834379 1
0.441823936 1 0.404269815 0.317445648
0.565139496 1 0.633381339 0.676243417 0.583143134 0.806783773
0.80993457 1 0.721246237 0.914893872 0.636958445 0.946140496
1.379484549 1 0.550248947 0.799933158 0.788952844 1.023949596
0.551890385 1.056878183
YGR201C YGR201C::YGR201C::molecular_function unknown 1 1.35224917
1.380397764 1.213439127 1.85880343 1 1.085405038 1.100849034
1.872793063 1 1.19853198 1.512697233 2.966002259 1.984675558 1
1.757994346 2.754071463 1 1.57437948 2.411158053
3.804445202 3.350059257 1 1.054821121 1.304597889 1.352247385
1.232028615 0.988063569 1 0.841909366 1.354472116 1.588991613
1.537221682 1.422775198 1 1.220112597 1.288559296
1.273157293
YGR203W YGR203W::YGR203W::molecular_function unknown 1 1.548340521
1.426389514 0.721130884 1.129885624 1 1.118500797 1.094029963
1.184457766 1.090650643 1 1.430518528 1.397238938 1.952502417
1.150629819 1 1.143185821 0.876073897 1.13707531 1
1.408336876 1.472590247 1.408430659 1 1.139229589 0.997000274
1.125744337 1.363202439 1.004630883 1 0.73595232 1.058686707
0.986112811 1.21182961 1.706724648 1.006196788
0.726041768 1.557591997 1.342331585
YGR205W YGR205W::YGR205W::molecular_function unknown 1 0.762220627
1.262328283 1.369657924 0.813857196 1 1.116848006 1.602362813
1.136360414 0.990480631 1 1.289954865 1.510250781 2.23055515
0.96837189 1 2.726319572 2.184469825 2.190018684 0.798084914 1
1.954856781 1.490208637 1.84433539 1.158276505 1 0.95334612
1.260062877 1.144271883 1.078444629 1 1.106639427 0.597769143
1.501160057 1.885050489 0.71434591 1 1.111422549 0.687713528
0.923448406 0.525632554 1.562838138 0.665474232
YGR207C YGR207C::YGR207C::not yet annotated 1 0.863272575 1.304769899
1.062563434 1.486335449 1 0.899139151 0.927060766 1.378877463
1.177434541 1 0.999910918 1.280324023 1.413074963 1.114475364 1
2.259625141 1.816755132 1.048650743 1.468025832 1 2.538121718
1.979238102 2.13751647 2.275201914 1 0.913415635 1.254444082
0.734635156 0.629812886 0.94802419 1 1.095231534 1.747008443
1.382869153 1.30214646 2.88132874 1 1.387353285 1.79628975
0.984286561 1.945277902 2.450488552 1.837934756
YNL052W "YNL052W::COX5A::One of two genes (COX5A and COX5B, both nuclear-
encoded) coding for subunit V of cytochrome c oxidase; COX5A gene product is the
predominant form of subunit V found in holocytochrome c oxidase under normal
growth conditions" 1 1.446844335 1.578157374 1.144808168 1.616319977 1
1.330154661 1.563509238 1.437508542 1 0.809968669 0.846946917
1.199327407 0.692896034 1 0.684213987 0.374907606 0.473525511
0.720269899 1 1.378355372 0.627533298 1.247344923 1.53118502 1
0.463886283 0.392332113 0.816922497 0.616397352 1 0.316523781
0.174771485 0.128623417 0.314483835 0.806054679 1 0.477162084
0.232774851 0.667986504 1.395258161 1.523492458 0.959683866
YNL066W YNL066W::SUN4::Protein involved in the aging process. Related to
glucanases. 1 1.24403396 0.707534908 1.220796975 0.659968068 1
1.189690538 0.931773758 0.687718199 0.914733116 1 1.054096319
0.725887056 1.360902141 0.783834154 1 0.561338984 0.27433713

0.485311117	0.345178551	1	0.207126833	0.185321712	0.120731926		
0.26037474	1	0.811923979	0.527640185	0.982827148	1.385749447		
0.614646321	1	0.496399541	0.583855691	0.899577732	0.446406259		
0.36924513	1	0.701828871	0.509902531	0.878649289	0.575087815		
0.665245914	0.661971729						
YNL068C	YNL068C::FKH2::Fork Head homolog two	1	0.884658851				
0.818221441	0.946377023	0.843310664	1	1.110131402	1.14656734		
0.773791745	0.787680856	1	0.929719179	0.796755693		1	
0.650747122	0.655003421	0.547727415		1			1
0.910189841	0.822412074	0.846606558	0.832038981	0.929943767	1		
0.749403144	0.616491343	0.773972648	1.139152506	0.73999431	1		
0.644195422	0.726935044	1.344247382	0.573466046	0.865999887	0.672479238		
YNL070W	YNL070W::TOM7::Involved in mitochondrial protein import	1					
1.117549282	1.871951193	1.027330783	1.741590342	1	1.255873562		
1.003046517	1.468597709	1	1.18671337	1.234301722	2.145682294		
1.242068657	0.466288704	0.316176819	0.335682679	0.459349854	1		
1.741187947	2.522828427	1.667303431	1.148921302	1	1.007239822		
1.200364995	0.601215215	0.752920558	1.049674849	1	0.94291205		
2.010567709	1.35954452	1.059661696	2.156647691	1	0.887540382		
1.601848202	1.047646403	1.608318554	1.279519968	1.792402268			
YNL072W	"YNL072W::RNH35::RNase H(35), a 35 kDa ribonuclease H"	1					
0.829204046	0.792242552	0.427916642	1	0.731042185	0.827584957		
0.604683722	0.635220845	1	0.699776238	0.810882396	1		
0.782245683	1.050901187	0.548672043	0.736607776	1	0.549389986		
0.317221343	0.461817112	1	1.185622214	0.926786582	1.135630306		
1.134179158	0.97165871		1.028387005	1.232704125	1.052104605		
1.089707381	1	0.795715278	0.871453335	0.425874121	0.883065482		
0.966688872							
YNL074C	YNL074C::MLF3::Protein of unknown function	1	1.254121824				
0.885666933	0.982388676	1	0.653170099	0.801963335	1		
1.476008993	1.488629934	1.020203685	1.040125247	1	1.570285814		
1.561548296	0.796291951	1	0.711907869	0.620858427	0.624077141		
0.638790232	1	1.318147996	1.302848381	1.066508069	0.897514967		
0.597761813	1	0.9743413	1.036853131	1.25658958	0.855046912		
0.674789293	1	1.716245173	1.730644703	1.130437209	0.940516821		
1.245931964	0.770549116						
YNL076W	YNL076W::MKS1::Pleiotropic regulatory factor involved in Ras-CAMP and lysine biosynthetic pathways and nitrogen regulation	1	0.929185227				
1.049065417	1.00441752	0.857997489	1	0.967860557	0.999240039		
0.935069693	0.789290391	1	0.986375557	1.154914847	0.844146262		
1.078123341	1	1.332516647	0.866888569	0.928556257	1		
1.100471831	0.716990747	0.962662311	0.648585178	1	0.942606078		
0.969052447	0.888298743	0.772284134	1.105031571	1	0.981235929		
0.799568801	0.987177714	1.110488738	0.809793904	1	1.012441041		
0.734273206	1.086448106	0.639886379	0.95079543	0.948300744			
YBL011W	YBL011W::SCT1::High copy suppressor of choline-transport mutants	1					
0.925924782	0.897390563	0.850907507	0.507877635	1	0.9411765		
1.124376142	0.71984608	1	1.024030763	0.941671208	0.634924664		
0.789869994	1	1.14524861	0.860335423	0.952519056	0.721937136	1	
0.988951355	1.074870817	0.659977705	0.975968973	1	0.946936158		
0.931414369	1.069930131	1.228684737	0.916088607	1			
0.653371012	0.621669717	0.52604815	1	0.911730054	0.612798752		
0.902417057	0.581284002	0.747153383	0.851106531				
YNL090W	YNL090W::RHO2::Gtp-binding protein of the rho subfamily of ras-like proteins	1	1.267582648	1.188712219	1.006853863	1.145605699	1
0.92607804		1.283622869	1	1.074634469	1.097166257	1.230423198	
1.343371284	1	0.971592815	0.7934212	0.789721494	1.016380189	1	

1.180238743	1.117867343	1.024696898	0.931755374	1	0.945884737
0.985566916	1.113338611	0.881111491	0.970954259	1	1.114925842
1.252489073	1.169299009	1.124104155	1.01951964	1	1.139938439
1.19704787	1.006718549	0.927246405	0.905555609	0.999962573	
YBL013W	YBL013W::FMT1::Formyl-Methionyl-tRNA Transformylase (consistent with name of bacterial homologs)				
1.28207905	1	1.463346003	1.948300606	1.238018386	1.329494361
1.931408307	1.799655945	1.076020477	1.53882131	1	0.809595017
0.913655644	0.805332221	1	0.990594204	0.813627174	0.638301607
0.756765624	0.906230739	1	0.878612359	0.736283527	1.028563517
0.554357618	0.89566542	0.61293679			
YNL092W	YNL092W::YNL092W::molecular_function unknown				
1.432260833	1.579368103	1.331220864	1	1.379705425	1.574241391
1.355529321	1.277481262	1	1.362352864	2.167584834	1.827767339
1.404685439	1.456570593		1.002744372	0.876065496	1
1.640779237		0.910726253	1.011520678	1.324537375	0.927864152
0.953044504	1	1.073488461	1.089643345	1.687404813	1.226134316
0.712003291	1	1.142979395	1.003054811	1.227037914	0.222774896
1.109155763	1.565615701				
YBL027W	YBL027W::RPL19B::Homology to rat L19				
1.270024582	0.981399767	1.609901718	1	1.005731101	1.066020011
1.29552631	1.486344801	1	0.911377611	1.086488525	1.00311174
1.03040542	1	0.813794197	0.398464359	0.288477993	0.603710576
1.446262841	1.013950376	0.576936842	0.934799258	1	0.985464384
1.05190317	0.827008917	0.829277926	0.911451056	1	1.549401656
1.213399731	1.010733708	2.509553624	1	1.083664117	1.242573883
0.902849679	1.533075822	1.023456271	1.161077402		
YNL094W	YNL094W::APP1::Actin Patch Protein				
0.602633728	1	0.752963699	0.709166901	0.543055214	0.652919372
0.756471976	0.723919868	0.611166602	0.853619456	1	1.072543879
1.114777862	0.983768883	0.625459608	1	0.571098415	0.490074744
0.384996841	0.532589093	1	1.130275682	1.233478549	1.254032736
1.106532804	0.972524468		0.946600178	1.027169922	1.025609821
0.883065777	0.675006096	1	1.05197678	1.054227587	0.912733251
0.456508264	0.816588361	0.915027042			
YBL029W	YBL029W::YBL029W::molecular_function unknown				
1.705945334	1.311320247	2.200522356	1	1.099838198	1.235349114
1.511431605	1.609905721	1	1.242009505	1.404828109	1.860967607
1.449268892	1		1.318388985	1.646475861	1
1.26031364	1.31688065	1	0.822786822	1.182165531	0.70805857
0.78043264	0.956919089		0.921603845	1.141570416	1.005886547
1.207287701	2.878665078	1	0.873968479	0.920967305	1.034414149
1.161824618	1.596798004	1.406252097			
YBL031W	YBL031W::SHE1::Product of gene unknown				
1.304769784	1.592899463	1.287746436	1	1.227898296	1.397144423
1.287998008	1.23378002	1	1.037179493	1.182632581	1.317332728
1.375341238				0.395816784	
1	0.939340691	0.938068429	0.737370156	0.861917579	0.92140132
0.856865803	0.832234826	0.724665015	0.9822224	1.522301452	1
0.986684923	1.030312668	1.142886891	0.687111032	1.492927068	0.879126451
YBL033C	YBL033C::RIB1::First step in the riboflavin biosynthesis pathway				
1.322926162	1.334389406	1.153007765	1.083582587	1	1.157862976
1.382406619	1.212350359	1	1.512070022	1.611026053	1.604560663
1.280744029	1	1.592230534	1.370069794	1.219972863	1
1.476208317	2.05991018	1.346588254	1.14737197	1	1.680279467
1.760110877	1.339312592	0.808992813	0.953325636	1	1.721179735

1.900910844 2.24583988 1.509335509 1.092745194 1 1.854096495
1.476427785 1.421687642 0.883289974 1.346345062 1.225873579
YBL035C "YBL035C::POL12::Required for DNA synthesis and correct progression
through S phase; plays an essential role at early stage of chromosomal DNA
replication, before the hydroxyurea-sensitive step" 1 0.947903773
0.914929789 1.036607672 0.836249858 1 0.937880247 0.93404213
0.938735412 0.907534627 1 0.967452515 0.894391186 1.045259997
0.916045533 1 0.993458134 0.864215533 0.896779954 0.903230584 1
0.978876284 0.575686779 0.600093997 0.768367381 1 0.908420965
0.783770495 0.999418447 0.864588083 1.061893653 1 0.978067223
0.815722146 0.960325366 1.056510604 0.699096984 1 0.874626265
0.806726604 1.048111362 0.614576755 0.880350415
YBL037W YBL037W::APL3::clathrin Associated Protein complex Large subunit 1
1.178481239 1.079225961 1.286606292 0.949693141 1 1.518876162
1.552933071 1.058621019 0.842258524 1 1.192343299 1.409308064
0.906068745 1.104531793 1.290011295
0.728768527 0.450073481 1 0.902792661 0.834072678
0.734579819 0.860372639 0.870723914 1 0.843248012 0.678915692
0.588459474 0.740906399 0.729513561 1 0.928348876 0.775248934
0.96501514 0.450829058 1.208657045 0.974569543
YBL051C YBL051C::PIN4::[PSI+] induction 1 0.871760035 0.946837528
1.167250729 0.922036456 1 0.98864955 0.89792988 0.800393298
0.679486813 1 0.953163662 0.971667776 0.821931411 1.008356062
1.249951639 1.110924776 0.78392042 1 0.629292509 0.5536995
0.463841534 1 1.03751604 0.857488282 0.823445528 0.757108113
0.588762358 1 1.163287029 1.22359559 1.682034289 1.334149979
0.780686718 1 1.350019978 1.226255023 1.131634896 0.702521959
1.294236964 0.62957364
YBL053W YBL053W::YBL053W::molecular_function unknown 1 0.848105534
1.370701425 1.054689048 1.525886851 1 0.944277394 0.881354628
1.357984518 1.384267499 1 0.908911966 0.886278778 1.272356131
1.189914729 1 0.738934379 0.35049062 0.719957352 1
1.358113311 1.458680003 1.12428019 0.678800298 1 0.733089817
0.713742822 0.427674524 0.521726841 0.809420532 1 1.213298493
1.351753862 0.982992148 1 1.139910994 1.396861823
0.759796506 2.041896018 1.185594872
YGR209C YGR209C::TRX2::thioredoxin 1 1.672025952 1.725438818
1 1.829925457 1 1.216728146 1.529361364
1.523740531 0.508740986
1 1.858318694 3.519158368 3.650993904 0.719767326 0.724441445 1
2.156084165 9.487820787 7.757744864 2.424270832 1.979904859 1
1.829381965 5.030153406 3.509189469 0.993623164 1.523608816 2.522672781
YGR211W YGR211W::ZPR1::Involved in nucleolar function; similar to murine
ZPR1 protein 1 0.672989343 0.646844244 0.831519111 0.508115236 1
0.654341897 0.706567332 0.714467788 0.724237844 1 0.484078784
0.45770572 0.307552414 0.759192387 1 0.407819863
0.471302529 1 0.708953804 1 0.959478303
0.689212269 0.866593279 1.051903439 0.794688479 1 1.390130493
0.45360437 0.331578475 0.533932281 0.433596 1 0.843420765
0.449360462 0.618055929 0.643291271 0.693494204
YGR225W "YGR225W::AMA1::Required for sporulation, highly induced during
sporulation; activator of meiotic anaphase promoting complex" 1
1.158983668 1.666771842 1.371468429 1.467895568 1
1.349432218 1.186758963 1 1.048434767 1.29006042 1.389828874 1
1 1.692995335
2.800450447 2.984996972 0.826643366 0.801331997 1 1.673856769

5.88116958 5.322512471 1.923554632 1.665826762 1 1.560464506
5.159814535 2.873453318 1.086764282 1.113653552 2.178552439
YGR227W YGR227W::DIE2::De-repression of ITR1 Expression 1 1.594470068
1.331591051 1.350006729 1.170783902 1 1.351115195 1.506031629
1.06312256 1.033481498 1 1.570431689 1.409988845 0.953940169
1.123577796 1.138308514 0.540492516
1 1.018659264 0.850382594 0.871103539 1.13328322 0.935642581 1
0.980315624 1.120445857 0.974778192 0.806452201 0.784042287 1
0.751049737 0.740718 0.880429472 0.860453291 0.633746143 0.876499665
YGR229C "YGR229C::SMI1::Protein involved in (1,3)-beta-glucan synthesis,
possibly through regulation of cell wall glucan and chitin synthesis; chromatin
binding protein" 1 1.02226518 1.098462558 1.471883689 1.173459498 1
1.206545266 1.112853949 1.110222919 1.212554958 1 0.91922245
0.964758467 0.789308448 1.477812667 1 0.573163439 0.935623963
0.590042948 0.644849742 1 0.726437876 1.141401282 1.077626012
0.830656393 1 0.914392862 0.826024952 0.810326285 0.777970829 1
0.858102217 1.235929335 0.944846846 1.055613347 1 1.166283707
1.232841935 0.861482182 1.207485451
YGR231C YGR231C::PHB2::Possible role in aging 1 0.983448565
1.210929301 1.280722033 1.25562628 1 1.017455561 1.271539825
1.387778649 1.305339959 1 1.115081138 1.363107156 1.637661146
1.021791205 1 1.897170667 1.384616761 1.604134651 1.51906634 1
1.737218867 1.562594855 2.497372518 1.923004961 1.136695947
1.544432853 1.237649374 0.840604169 0.944432653 1 1.192242458
1.709523018 1.238039336 0.869725245 1.131580614 1 1.370517073
1.811199192 1.127699087 1.231505882 1.471307174 1.61202375
YGR233C YGR233C::PHO81::Positive regulatory protein of phosphate pathway
0.967791598 0.906499132 0.969432564 0.828207789 0.989164742
0.96108425 0.660400849 1.339457082 1.657442572 0.833187557
1.008358642 1 1.539755141 1 1.348693899
1 1.041324037 0.993187996 1.229935538 1.137903136 1.177302829 1
0.995637346 0.922123302 0.812509766 0.934834178 0.678004795 1
1.065564402 1.024946582 1.237397129 1.070921723 0.944221234 2.310771683
YGR235C YGR235C::YGR235C::molecular_function unknown 1 1.212584739
1.206341159 0.976240448 1.338801682 1 1.014489256 0.949894873
1.173272621 1.148429364 1 1.805922714 2.919249084 4.757997325
2.471061158 1 1.305695975 0.963264662 0.965688506 1
1.875661531 1.512570885 1.906686814 2.0802958 1 1.090838082
1.389856479 1.206067888 1.225401733 1.489672415 1 1.110862665
1.48449455 1.218961227 1.097270878 1.56592469 1 1.310209247
1.728615768 1.065107101 1.71660427 2.73895189
YGR249W YGR249W::MGA1::Mgalp shows similarity to heat shock transcription
factor 1.004730173 1.035403195
0.886411659 0.823952317 0.830680461 0.919156092 0.836056579
1.010326 1.14989222 1.019068735 1 0.810128213
1 0.760043924 0.971401474 0.894012128
YGR251W YGR251W::YGR251W::molecular_function unknown 1 0.774997909
0.776155682 0.819249268 1.058102877 1 0.696568303 0.68162267
1.020310492 1.079631141 1 0.668736689 0.581490436 0.584968262
1.105302043 1 0.502517001 0.41995452 0.693296164 1
1.076512297 0.70371092 0.718256761 1 0.990704799 0.962203857
0.791912325 0.856849548 1.163459384 1 0.938168119 1.127871764
0.766493397 1.131918407 1.262292987 1 0.856120542 1.103672289
0.922890743 1.192536358 0.852857756
YNL096C YNL096C::RPS7B::Homology to human S7 and Xenopus S8 1
1.250166072 1.23904454 0.926157863 1.663607569 1 1.005431356

1.172531392	1	0.845285526	0.676013666	0.760598339	1.06724171	1	
0.474751551		0.163987619	0.391291693	1	0.95457482	0.760220852	
0.457858113	0.948263484	1	0.933973967	0.789560172	0.755604401		
0.848812195	0.770934799	1	1.011190868	1.452800509	0.936018631		
0.875089091	1.783553493	1	0.919967773	0.997203083	0.894277715		
1.240110385	0.974674583	1.372978396					
YNL098C	"YNL098C::RAS2::Ras proto-oncogene homolog. Ras2 is involved in growth on non-fermentable carbon sources, the starvation response, sporulation, pseudohyphal growth and aging."						
	1	1.129604742	1.184170774	1.171141582			
1.224264892	1	1.278806555	1.197567396	1.170415753	1.15546734	1	
0.972183905	1.317405387	4.357561479	1.291001918	1	1.298933696		
0.920681456	0.998528096	1	1.841971999	1.11199885	1.557959675		
1.391459124	1	0.992357733	1.144364193	1.39445431	0.934497115		
1.343788719	1	1.215740024	1.135677926	1.757689628	1.265980616		
1.196557743	1	1.339829186	0.909469491	1.311364268	1.101973674		
1.395326976	1.051624402						
YNL100W	YNL100W::YNL100W::molecular_function unknown						
	1	1.195378549					
1.285174505	1.054938046	1.575526784	1	1.14221057	1.275979399		
1.335290715	1	1.058923454	1.105436331	1.723810611	1.01422623		
0.916755273		0.574533782	0.697276633		0.81724526		
0.868675623	0.579442414	1	0.885097169	1.0650147	0.750173284		
0.69587721	0.863802403	1	1.034018314	1.053095352	0.992621852		
0.831295538	1.480594279	1	0.963207279	0.965487605	0.913981171		
1.137578604	1.642600179	1.138311158					
YNL114C	YNL114C::YNL114C::molecular_function unknown						
	1	0.825144536					
0.830733068	0.86747391	1.166923419	1	0.767600308	0.598636476		
1.209700897	1.39307239	1	0.577747093	0.436276612	1.196872737		
1.333005819	1	0.253427917	0.269101859	0.202488568	0.594770242	1	
0.710383266	0.671384104		1.629137169	1	0.989586636	0.743972021	
0.545429605	0.987941782	1.182209718	1	0.929568027	1.071991267		
0.790520208	1.17284322	2.161111679	1	0.738665598	0.682170181		
0.95184396	1.635622756	0.889130073	1.173336189				
YNL116W	YNL116W::YNL116W::molecular_function unknown						
	1	0.884944615					
0.700304384	0.705624991	0.672710126	1	1.222480772	0.904949194		
0.702366921	0.681997892	1	0.953579302	0.666006954	0.94474694		
0.963779923	1	0.523670017	0.307329449	0.639271895	0.770605051	1	
0.593160013	0.602239605	0.737992039	0.951011444	1	0.891073578		
0.849984945		0.843968174	1	0.689549427	0.619181544		
0.603659856	0.847006137	0.975668501	1	0.659317972	0.621141266		
0.886134193	0.616944972	0.820518844	0.598926829				
YNL118C	YNL118C::DCP2::Mrna Decapping. essential suppressor of the respiratory deficiency of a pet mutant						
	1	0.699781061	0.780084636				
1.026814616	0.713802877	1	0.886604489	0.97143528	0.616210269		
0.72761947	1	0.985510179	1.028850443	1.134831985	0.848092283	1	
0.712356365	0.689424267	0.638172365	0.539969657	1	1.71133213		
1.562830849		2.143908733	1	0.835676616	0.898368111	0.813311661	
0.791748109	0.918412278	1	0.886667874	0.714350646	0.92436201		
0.794455848	0.861811749	1	1.113370061	1.015623258	1.176365477		
0.819208365	1.190486143	0.662847393					
YNL120C	YNL120C::YNL120C::molecular_function unknown						
	1						
0.545041697		0.634153477	1		0.678995741	1	
0.576147458	0.509285293		0.846498903	1	0.598622751	0.628590903	
0.603080689	0.571458251	1	0.843113545	1.109218327	0.620730474		
0.714036476	1		0.534407802	0.66339019	0.849626809	0.949155181	1
	0.473671656		0.569126924	0.75236386	1	0.711294979	
0.890061704	0.280426269	0.738625264	0.997335787				

YBL055C YBL055C::YBL055C::molecular_function unknown 1 1.026093545
0.993236042 1.088810569 1.177916075 1 1.15961368 0.93790707
1.314419211 1.301286861 1 0.634483712 0.975631132 1.128569755
1.249465927 1 0.639964111 0.622758075 0.617219662 1
0.993947876 1.333589529 1 1.098319644 0.965859909
1.102885008 0.96451163 1 0.927533722 0.815974117 0.964747015
0.913891021 0.997209478 1.19596653 0.556477892 1.078785388
0.783683463
YNL122C YNL122C::YNL122C::molecular_function unknown 1 0.809403948
1.287275631 1.010842738 1.395372106 1 0.891334285 0.902197062
1.326502216 1 0.901379251 1.276295277 1.48880021 1.142709794 1
0.995452186 0.839108723 0.938896126 1.657265127 1 2.261702145
2.466193176 3.082808182 1.510975814 1 1.187735336 1.3215804
1.02593605 0.915484038 1.060687968 1 1.129616723 1.426129314
1.149180911 1.132207198 2.079879748 1 1.530983305 1.849693988
1.217035953 1.500155844 1.951012276 1.441277128
YBL057C YBL057C::YBL057C::molecular_function unknown 1 1.07482005
1.15614147 0.996259496 1.124311999 1 0.947494729 0.979890349
1.255359885 1.158531193 1 0.86317926 1.108445688 1.165228042
1.071269033 1 0.853683691 0.679926412 0.842739377 1
1.457345238 1.865708844 1.226529467 1.318582561 1 1.239253259
1.307016514 1.113106012 1.01434537 0.981149901
1.303927093 1.065036474 1.632009172 1 1.221241931 1.339701392
1.102547342 1.079401677 0.996191847 1.318689781
YNL124W YNL124W::NAF1::Nuclear Assembly Factor 1 1.043547651
0.868878864 0.977742089 0.817472433 1 0.886514744 0.87391288
0.945981212 1.009626307 1 1.00558519 0.67822619 1.166497714 1
0.6172309 0.627268383 0.477082147 1 0.93268459
0.617474732 0.382078974 1 0.692123586 0.496094062 0.694234881
0.868201327 0.729013627 1 0.62795232 0.532411299
0.794888175 1 0.463482 0.488955908 0.823441903 0.377142565
0.789812857
YBL059W YBL059W::YBL059W::molecular_function unknown 1 1.235659843
0.930810306 1.080960658 0.960189732 1 0.92273959 1.02142503
0.962480095 0.924186371 1 1.131602158 1.135902514 1.141089475
1.181714581 1 1.323087284 1.067744434 1.2022829 1.163053859 1
1.248257932 1.074018739 1.328548484 1.372568463 1 0.928104965
1.224550161 0.785947825 0.86802068 0.954059437 0.948773809
0.793313563 1.057646787 2.022466389 1 0.968419715 1.172179706
1.138595067 0.962749695 1.516494714 1.230251695
YNL138W YNL138W::SRV2::N-terminal domain appears to be involved in cellular
responsiveness to RAS. 1 0.894563265 0.862408509 0.827234886 0.714502566 1
0.974231725 0.934048373 0.670504583 1 0.9971906 1.104331513
1.068528887 0.892739534 1 1.306299198 1.370601859 1.458364491
1.063569296 1 0.91920541 0.77606522 0.996025993 0.84953986 1
1.04743511 1.111292652 1.617561677 1.109340713 0.878205186 1
0.946785724 1.21903954 1.15116581 1.098054493 0.798209814 1
0.809277453 1.063492571 1.01731751 0.722524557 0.974750933 1.004340689
YBL061C "YBL061C::SKT5::protoplast regeneration and killer toxin resistance
gene, may be a post-translational regulator of chitin synthase III activity,
interacts with Chs3p" 1 0.983317401 1.093985234 1.038751611 0.975155621 1
0.98198846 1.05514111 0.934924552 0.854080342 1 0.89925692
0.88830685 0.683396135 1.040875466 0.85642118
0.352742605 0.901284508 0.313094579 1 0.812903642 0.887234431
0.87448953 0.817301139 0.889200479 1 0.950827699 0.731131438
0.649684417 0.82261354 0.874501011 1 1.285671299 1.165908267
1.371243629 1.207956798 1.101393062 0.769673503

YBL075C YBL075C::SSA3::heat-inducible cytosolic member of the 70 kDa heat shock protein family 1 1.2422098 1.06254578 1.47940757 0.953474556 1
1.276857185 1.553756272 1.118198651 1.215709096 1 1.129239343
1.521700024 1.692429138 1.19039425 1 2.370245492 3.304712806
4.781909759 2.036781217 1 1.113269005 0.944292575 1.233364943
1.376430585 1 0.890270272 0.754601115 1.138411406 0.799033454
0.919104882 1 1.821822284 0.630209409 0.469799062 0.359868613 1
1.672151923 1.052127432 0.873038653 0.571028079 0.985016643 0.631324918

YBL077W YBL077W::YBL077W::molecular_function unknown 1 1.050863576
1.147998458 0.733369869 1.210740357 1 0.812920453 0.666150435
1.055681381 1.072202795 1 0.94294482 0.873700575 0.952437146
0.742399599 1 0.506843773 0.452298849 0.511671877 1
0.856745912 1.585100571 0.542408374 0.422500924 1 0.668939674
0.635602391 0.547196968 0.564821494 0.505020512 1 1.389103005
1.802338517 1.193321256 0.980718234 1.889681204 1 1.197435675
1.856948172 1.119280299 1.995116827 1.065116839 1.126928036

YBL079W YBL079W::NUP170::Component of yeast nuclear pore complex; may play a role in localizing specific nucleoporins to nuclear pore complex; High identity with Sc nucleoporin NUP157 & to mammalian nucleoporin Nup155p. Complemented with Nup155p
0.975179299 0.966856456 1.064475017 0.720521185
1.123555552 1.219204036 0.877136761 0.758283898 1.050105462
1.010119717 0.468594958 1.136606242

1

1.155373479 1 0.796650496 0.600485654 0.555614516
0.576527799 0.491496622 1.703088726

YBL079W YBL079W::NUP170::Component of yeast nuclear pore complex; may play a role in localizing specific nucleoporins to nuclear pore complex; High identity with Sc nucleoporin NUP157 & to mammalian nucleoporin Nup155p. Complemented with Nup155p
0.987190776 0.833883323 0.989109126 1.175100672 0.893718463
0.860743219 1.028387005 0.769449601 0.872786755 1 0.714683196
0.730008914 0.96427928 0.643788046 0.804698482

YBL081W YBL081W::YBL081W::molecular_function unknown 1 0.987031448
0.767796128 0.945930692 0.745291624 1 0.97933851 0.91415194
0.711653946 0.754419096 1 0.9606319 0.72079458 0.677590689
0.829785481 1 0.823305377 0.981238867 0.500127793 1
0.64918032 0.740906673 0.662302347 0.80084204 1 0.531033277
0.532283991 0.853156688 0.820368484 1 0.393639151 0.510797316
0.532854661 0.89000808 0.490492573 1 0.486317601 0.426646884
0.785933607 0.409264303 0.688240476

YBL083C YBL083C::YBL083C::molecular_function unknown 1.387660417
0.851835893 0.745974402 1.087233746 0.81280269
0.90324992 0.915074692 0.796460923 1.147572865
1 1.368228309 1.071917948
1.290515461 1.384136191 1.023465112 1 0.639376546 1.425725193
1.070636753 0.853146736 1.345203883 1 0.563503011 1.131120726
0.690512154 0.759774353 0.720111901 1.078768762

YBL085W YBL085W::BOI1::Involved in bud growth 1.177110336
0.945218921 0.989559199 0.830165702 0.803923361 0.751293305
0.946421152 1.011177421
1 1.29130489 1.0475099 1.029286527
0.83562395 0.944167724 1 1.044837955 1.590976224 1.396265918
0.960561431 0.792662783 1 0.594775095 0.709060719 0.538342782
0.625874094 0.844977137

YBL085W YBL085W::BOI1::Involved in bud growth

				1	1.098443353	1.84279807	
	0.823393585	0.80154134	1			1	
	1.235892172	1.63171354		0.72052518		2.897439829	
YNL140C	YNL140C::YNL140C::molecular_function unknown			1		0.991636847	
	1.094141305	1.034361627	1.135871523	1	0.989063484	0.950339117	
	1.229871042	1.169601974	1	1.054527128	0.981792562	1.085911665	
	1.136922613	1	1.158147121	1.039643137	0.967517696	1.007045624	1
	0.751998844	0.809695744	0.948798435	0.620122365	1	0.984157102	
	0.912406191	0.884021236	0.821376607	0.714646675	1	1.088831316	
	1.006335388	0.957667238	1.066651636		1	0.88457627	1.164939534
	1.153929323	0.728651401	1.01598376	1.195226768			
YNL142W	YNL142W::MEP2::belongs to a ubiquitous family of cytoplasmic membrane proteins that transport only ammonium (NH(4)(+) + NH(3)).			1			
	0.825372767	0.633611799		0.65550645	1	0.93262402	
	0.787518102	0.967141539	1	1.07666921	0.719264456	0.848019552	1
	2.563360921	1.399995645	1.844609209	1.406472399	1	2.140758586	
	1.027471828	1.123250336	0.912774388	1	1.142502146	0.991574957	
	1.259257305	1.099166953	0.929365544	1	0.670263728	0.946010304	
	0.933906876	0.944579979	1.051523613	1	0.942917309	0.976042724	
	0.971080394	0.600016637	1.297904323	1.194351103			
YNL144C	YNL144C::YNL144C::molecular_function unknown					1.052750408	
	1.084154761		0.837018514		0.932260537	1.081906286	
	0.937942718		0.930747922	1.060890173	1.172071723	1.343172887	1
	0.845259911	0.574447572	0.994702032	1.08205799	1	1.285106486	
	1.601070223	1.915633109	1.658921534	1		1.371473353	1.389553587
	1.277173609	1	0.899344757	0.82679329	1.342075564	1.053312317	
	1.219766249	1	1.037516057	0.611995556	1.019534164	1.749417758	
	0.910648927						
YNL146W	YNL146W::YNL146W::molecular_function unknown					0.988723428	
	1.284586728	0.947069665	1.106234965		0.876567044	0.895181327	
	0.985025691		0.982590077	1.097910233	1.378907819	1.160101909	1
	1.040510903	0.761553308	1.952084798	1.614601063	1	1.172254665	
	2.503569134	2.189669644	0.822017325		1.205171609	0.869890687	
	0.790187323	1.088920347	1	0.841977253		1.310542597	1.167489237
	1		1.549151296		1.814998167	1.196102433	
YNL148C	YNL148C::ALF1::alpha-tubulin foldin; protein implicated in folding of alpha tubulin			1			
				2.092654221	1.746852655	1.401406701	1
	1.953985561	1.714086015	1.835173468	2.003919111	1	1.682315824	
	2.136532509	1.855781546	1.994350263	1	0.53509353	0.629161849	
	1	1.507676809	3.213008726	1.49371721	0.784677284	1	0.742852079
	1.129199979		0.910296394	0.959728067	1	0.974408664	1.07887933
	1.204975798	1.372363231	0.794677538	1	1.030594087	0.840671506	
	0.900409565	0.544178532	0.835933048	1.190848653			
YNL162W	YNL162W::RPL42A::Homology to rat L36a and human L36a						
	0.88406406	1.096681733	0.759221156	1.316713333		0.745808444	
	0.773260924	1.229581405	1.050694036		0.611255459	0.660015422	
	0.793456337	0.885006041	1	0.744823404	0.304776342	0.228859619	
	0.547629078	1	1.576753808	1.000929815	0.739569049	0.934819207	1
	0.902725669	0.879001184	0.535840618	0.842891992	1.144905562	1	
	1.107337963	1.656557793	0.933241446	0.751482911	2.189300857	1	
	1.037887436	1.793563601	1.002671676	1.752195828	1.250672635	1.25652039	
YNL164C	YNL164C::IBD2::<u>I</u>nhibition of <U>B</U>ud <U>D</U>ivision			1			1
	1.26685697	1.232611449	1.43375668	1	1.144998144	1.070324315	
	1.616773973	1.652573146	1	1.020615969	0.857394917	1.059778003	
	1.66876355	1	0.479824995		0.520267579	1.038029662	1
	0.846945386	1.407027492	1.117008645		1	0.856291852	0.857005337
	0.808791218	1.013148586	1	0.834434985	1.128457271	1.089551258	

	1.496913286	1.745270026	1	0.701582163	0.907235651	1.099064602		
	0.486182506	0.719122593	1.006967579					
YBL099W	YBL099W::ATP1::mitochondrial F1F0-ATPase alpha subunit						1	
	1.282177168	0.823532116		0.593754356	1	1.455080342	1.256517057	
	0.854376707	1	1.181213969	0.845813926		1	1.366771612	
	1.579460269	0.96013898	1	0.720226194	0.364249065	0.440330865		
	0.953058805	1	0.930694481	0.574119418	0.908719362	1.176152043		
	0.887694639	1	1.004062353	0.602821562	0.860528112	0.732792086		
	0.464170394	1	0.61199263	0.372838778	0.571066478	0.499194253		
	0.870891684	0.520996305						
YNL166C	YNL166C::BNI5::bud neck involved; localizes to mother-bud neck in a septin-dependent manner; bni5 shows synthetic enhancement of septin Ts- mutant phenotypes. 1							
	0.622096303	0.729351386	0.816566647	0.846418568	1			
	0.748482003	0.739604048	0.759005918	0.839818391	1	0.596265291		
	0.648244274	0.527000717	1.131193621	1	0.61738255	0.679739418		
	0.632473839	0.913765602	1	0.82570381	0.53076623	0.542911391		
	0.903512126	1	0.770242602	0.595978325	0.597814457		1	
	0.932251443	0.98484834	0.934899214	1.230012609	1.179918382	1		
	0.778149452	0.777846712	1.081346913	0.544432281	1.112035535	1.155823726		
YBL101C	YBL101C::ECM21::ExtraCellular Mutant						1	1.458158519
	1.227781909	1.513114808	1.032203879	1	1.445647165	1.395868189		
	1.051011023	1.162784637	1	1.655075744	1.618935772			
		0.530865424	1	0.588675683		0.71374288		
	1.064796545	0.773136816	0.812302124	0.947255233	1.130065827	1		
	1.206830844	0.756256024		0.913959427	0.813812972	1	0.659571833	
	0.626741498	0.73326539		0.84696692	0.754787878			
YNL168C	YNL168C::YNL168C::molecular_function unknown						1	0.709484011
	0.660623982	0.620846108	0.675849696	1	0.665670436	0.609019269		
	0.721640844	1	0.703127556	0.823853231		0.862885344	1	
	1.347785473		1.28206943	1.15705946	1	1.082431054	0.758611219	
	1.080605102	1.02452791	1	1.203426447	1.2313617	1.465776788		
	1.236397713	0.897974869	1	0.871562621	1.119120743	1.217876117		
	1.117194781	0.919092698	1	0.946033187	1.012040197	1.041552614		
	0.862070202	0.995329532	1.138311158					
YBL101WB	YBL101WB						1	1.478853903
	1.419924491	1.276723652	1.362635859	1.266862833	1	1.636447429		
	1.684401954			0.928854592		0.6832003	1.123619244	
	0.511201957	1.064342119		1	0.868831011	0.923429093		
	1.070508128	0.965809188	1	0.96070502	1.430112281	2.306764727		
	2.857885729	1.84822345	1	0.843439388	1.673663389	1.567824916		
	0.97768392	0.959970676	1.006967579					
YNL170W	YNL170W::YNL170W::molecular_function unknown						1	1.29915246
	1.28214642	0.715217966	1.215323398	1	0.908335806	0.798879245		
	1.130024736	1.007338493	1	0.978987696	0.904194002	1.46932358		
	0.728623646	1	0.994737067	0.722817172	0.834928349	1.086568876	1	
	1.606280065	2.930061289	1.702319039	0.717886282	1	0.729779411		
	0.681002446	0.543241723	0.621891609	0.699820574	1	0.79995924		
	1.107804175	0.85682014	0.787178919	1.363435406	1	0.91511779		
	1.305121839	1.111510701	1.568904343	1.464110298	1.353714707			
YBL103C	YBL103C::RTG3::bHLH/Zip transcription factor which regulates CIT2 gene expression						1.018274376	0.911054414
	1.140120502	0.823952317		1.843411381		0.529360409		
	1.212967335	1	0.880550889	0.494752528	0.749347025	1		
	1.531162797	1.082537316	1.149034469	1.262543948		0.983766969		
	0.678688488	1.128152107	1	1.381856358	0.690463409	0.904690623		
	1	0.553825452	0.662480627	0.856946889	0.576633873	0.711054666		

YBL105C YBL105C::PKC1::Protein Kinase C 1 1.084754089 0.907515751
1.003426097 0.84238324 1 1.023181367 1.029623426 0.824853522
0.70653557 1 0.973124313 1.139036361 0.586058438 1.1315677 1
1.219930789 0.809697533 0.586103909 0.700272076 1 1.108502605
0.931800921 1 0.965810879 1.1939562 0.98468823
1.288570918 1 1.383201715 1.242166801 1
0.684707958 0.903274385 0.895120671 0.465789018 0.800342027 0.985077
YBL107C YBL107C::YBL107C::molecular_function unknown 0.728921913
1.032907932 0.846436555 1.104277053 0.724015332 0.773260924
1.100255102 0.878905695 1.06300558 1.355536521 1.076887923 1
1.093553337 0.977687297 1.187530757 1.723648259 1 1.669295078
1.656370393 1.933108985 1.459413006 1 0.991898318 1.437918553
0.809945497 0.595267985 1.132865613 1 1.142850283 2.634990915
1.925778237 1.78909256 2.436072109 1 1.303433133 2.187877333
1.33662754 1.354816401 1.404508296 1.501695189
YBR008C YBR008C::FLR1::Fluconazole Resistance 1 1 1.354565914
1.395649362 1.180701896 1.360182259 1 1.319871203 1.206788994
1.372673573 1.265969143 1 2.254094678 2.064969271 1.552003477
1.233257084 1 1.330904124 0.864156916 1.120923658 1.19079475 1
1.154987364 1.152401781 0.953515715 0.673056019 1 1.687872565
2.013326561 1.517916723 1.118885498 1.028922949 1 2.578971488
2.463688608 1.633174814 1.445206319 0.533855233 1 2.584881167
2.686676583 1.63339116 1.345935864 1.004528133 0.899265805
YBR010W YBR010W::HHT1::Histone H3 (HHT1 and HHT2 code for identical
proteins) 1 1.087400828 1.2518071 1.053500661 1.587706488 1
1.02361507 0.913453474 1.448116869 1.488035641 1 0.892082636
0.940757695 0.822084216 1.500419458 1 1.154195712 0.796834723
0.484828565 1.49894956 1 1.551066405 1.037572728 0.958802256
1.327275811 1 0.749672286 0.755742084 0.835827422 0.885372504
1.036188226 1 0.418886366 0.842556319 0.587439362 0.940352724
0.851146855 1 0.609942565 0.87989988 1.162715114 1.377515499
1.306419316 1.400122756
YBR012C YBR012C::YBR012C::molecular_function unknown 1 1.337546097
1.538703384 1.361870341 1.595179835 1 1.152169896 1.166875657
1.689124859 1.48499767 1 1.242930462 1.349992467 1.825435928
1.321287089 1 1.202872197 1 0.832536537
1.768014193 0.954632953 1 0.884061471 1.404220103 1.215412188
0.929821818 1.150031703 1 0.727415536 1.878442282 4.455922537
1 0.622914506 1.282518462 2.626467892 0.782559588 1.027982598
YBR012WB YBR012WB 1 1.296442 1.146140357 1.346244268 1.080831843 1
1.252282113 1.170545588 1.079426105 1.007961732 1 1.287644222
1.302989506 1.036199509 1.342534305 1 1.136838475 1.338712593
0.903546526 1 0.401648165 0.293771014 0.30141511 0.429095061 1
0.845743027 0.838839146 1.150239469 1.229366453 0.764378936 1
0.957301484 1.055735403 2.445392316 3.180455715 2.221108628 1
0.628961986 0.981207599 0.946961486 0.762510996 0.557437069
YNL172W YNL172W::APC1::anaphase-promoting complex component
1.037974935 0.91333202 0.781217241 0.768867387
0.848732813 0.87287754 0.986849991 0.884604496 1
0.699533362 1 0.665896102 1 1.132293589
1.178077148 1.747537299 1.458333697 1.056602508 1 0.894743046
0.938641904 0.763087307 0.656774046 0.750034529 1 1.372506888
1.629223126 1.726994428 1.661662208 1.606169188 1.117296244
YNL186W YNL186W::UBP10::involved in telomeric silencing 1 0.783207876
0.683883878 1.124665806 0.695590325 1 0.89631575 0.880376805
0.751838995 0.746110593 1 0.97830707 0.927399253 0.536460377
1.153132532 1 1.031828808 0.991368633 0.60871899 1

0.551500744	0.304882753	0.372744317	0.691168227	1	0.682546869	
0.632883936	0.78834355	0.856948232	0.724279831	1	0.641355553	
0.669330004	0.710396363	1.240886496	0.864919067	1	0.501952133	
0.635051914	1.143128015	0.929289547	0.636395548	0.795942198		
YNL188W	"YNL188W::KAR1::involved in spindle pole body duplication and karyogamy, interacts with Cdc31p, localizes to the spindle pole body"				1	
1.099863096	1.196091311	1.147908271	1	1.002350241		
1.251900904	1	1.086257183	1.229354387	0.986681441	1	
0.992968712	0.256116739	1	1	0.699081592		
0.815383032	0.586064762	0.466200523	1.110114876	1	1.539729635	
1.97581892	1.425470055	1.879880158	2.933395581	1	1.977010377	
2.434604382	2.385098165	2.913402039	2.828346573			
YLR049C	YLR049C::YLR049C::molecular_function unknown				1	0.914717255
0.876518592	1.013218549	1.12388801	1	1.059461441	1.002899766	
0.850407807	0.87551351	1	0.641541263	0.772981277	0.713677145	
0.788175325	1	1.089256117	0.823683727	1.147156619	1.286931167	1
0.67546889	1.114161862	1.260473977	1.135391597	1	1.181554937	
1.209812373	1.238484436	1.015242104	1.608225904	1	0.760718965	
1.074795028	0.865280741	0.634477915	1.134035183	1	1.054509073	
0.724264465	1.413258482	1.330964747	1.166331183			
YNL190W	YNL190W::YNL190W::molecular_function unknown				1	1.568616389
0.984902236	0.941545709	0.91155098	1	1.079697447	1.01136403	
0.650489075	0.807204189	1	1.259964313	1.178783591	1.032415713	
0.915625538	1	0.82312384	0.468424854	1.00627383	0.565161211	1
0.302041041	0.157194242	0.187344485	0.412357907	1	0.726110962	
0.758906156	1.333172714	1.421833401	0.605383571	1	0.586043759	
0.48168824	0.608647873	0.734577068	0.308630203	1	0.86623336	
0.689206564	1.186975285	0.661514698	0.773905649	0.651464271		
YLR051C	YLR051C::YLR051C::molecular_function unknown				1	0.769056895
0.92952957	0.890421325	1.458301376	1	0.704780026	0.686044968	
1.319811945	1	0.598285212	0.576511433	0.701362347	1.024725413	1
0.333873065	0.219334527	0.299930167	0.977798019	1	0.652490913	
1.512346141	1.251063964	0.811316915	1	0.589846713	0.665527778	
0.414287254	0.4413489	0.834950335	1	0.85567578	1.145323058	
1.361672655	1.029395322	1.806862363	1	0.851439879	1.05388384	
0.996811171	1.975230298	1.00621312	1.281913524			
YNL192W	YNL192W::CHS1::disrupts mating and sporulation efficiently					
1.033049777	1.032907932	1.282513412	0.797859733	1.230099687		
1.301582607	0.760761992	1.331017695	1.283010784	0.541046057		
1.025001532	1	0.863729622	1.026824982	0.799403848	0.607654228	1
0.897635603	0.624411223	0.58267965	0.963783405	1	0.834686214	
0.849321618	0.849762619	0.654790805	0.845006628	1	0.945875291	
0.871548669	0.879196427	0.556074742	0.703680818	1	0.80106259	
1.011176027	0.817312776	0.683968845	0.811486071	0.69787232		
YLR053C	YLR053C::YLR053C::molecular_function unknown				1	1.507061558
1.383889979	1.226326212	1	1.095931679	1.198225239	1	
0.999640947	1.19871905	1.479848886	1.261246416	1	0.982474762	
2.266268323	1.438462781	1	0.702751591	1.831028782	0.81017773	1
1.002198502	0.878353623	0.940405714	0.989335414	1.005331793	1	
0.918127283	0.915208815	0.774117726	0.712423498	1.298031711	1	
0.83353717	1.255119003	1.026797642	1.66632554	1.279051418	1.313436	
YNL194C	YNL194C::YNL194C::molecular_function unknown				1	1.453486769
1.629400705	2.383531004	1.30008948	1	1.646152349	2.755269766	
1.839897831	1.492005311	1	2.871818247	6.46035959	9.988674181	
3.03618376	1	4.381295872	8.901842848	2.346013746	1	
3.274025197	2.980687855	0.788384816	0.940399065	0.822838488		
0.961830374	0.910412155	1.027680529	1	1.269543338	0.87387234	

	0.721228511		0.969243411		0.865433513		1.056433244
	0.884380232						
YLR055c	"YLR055c::SPT8::transcription factor, probable member of histone acetyltransferase SAGA complex"						
	1		0.863707234		1.012597673		0.709131611
	0.530557482	1	0.972606656	0.899947342	0.909616187	1	
	0.871970557	0.922868284	1.023328072	0.645963765	1	0.857410697	
	0.586762146	0.675054628	1	1.505908214	1.935036897	1.452644712	
	1.222498173	0.879912263	0.847689325	0.873932	1.129531538		
	0.848745487	1	0.830416736	0.770899713	0.844833192	1.075089003	
	0.93634271	1	0.688426446	0.723680652	0.962892967	0.743663644	
	0.755253198	1.041116945					
YNL196C	"YNL196C::SLZ1::sporulation-specific protein with a leucine zipper motif, regulated by the transcription factor Ume6 and expressed early in meiosis"						
	1		1.862650123	1.472851133	1.926578958	1	1.560915588
	1.972441988	1.963694739	1	1.649251444	1.26743416	2.115723609	
	1.719399725	1	1.180896662		1.196359278	0.287549242	
	0.594892514	0.353318537	1	1.006400746		0.971736987	
	0.717939556	1	1.171736037	1.262563382	1.021484581	1	
	0.889102979		1.02840425	1.47542639			
YBR014C	YBR014C::YBR014C::molecular_function unknown						
	1				1		1.040270837
	1.501772336	1.140455003	1.716768937	1	1.086832676	1.105033703	
	1.646002168	1.542666353	1	1.189478692	1.447735706	2.190527717	
	1.501863418	1	1.300930793	1.104628885	1.131525257	1.692309122	1
	1.719723877	2.133151256	1.916277423	1.669530811	1	1.239387343	
	1.831463773	1.243038378	0.830061128	1.15389659	1	1.407824107	
	2.338045479	2.078473488	1.449869048	2.078233599	1	1.022071989	
	1.536547368	0.964499843	1.384920094	1.448443501	1.227624805		
YLR069c	YLR069c::MEF1::mitochondrial elongation factor G-like protein						
	0.843431598	0.89397216	1.339538857	0.843871267		1.081180112	
	1.369682331	0.96458542	0.89829388		0.904224	0.914925215	
	0.939527087	0.783191212	1	1.922886592	1.540193277	1.769165456	
	1.646851265	1	1.446559781	0.921221107	0.70997679	1	
	0.93076907	0.748869451	0.898979556	0.849616463	1.058966766	1	
	1.184548171	0.54388915	0.756019862	0.492382773	0.437745139	1	
	1.128439309	0.745092557	0.926180147	1.032543933	1.15689491	0.959683866	
YNL210W	"YNL210W::MER1::Disp. for axial elements in meiosis but required for full chr. pairing & chr. condensation seen by in situ hybridization, wt level of synaptonemal complexes, heteroduplex DNA, gene conversion & reciprocal recombination & spore viability"						
	1		1.801434675	1.214617274	1.229513935		
	1.190332744	1	1.232108366	1.28471939	1.372893914	1.324770215	1
	1.228515855	0.996714141	1.099625628	1.450424243	1	0.883180579	
			0.48160035				
	1.267208425	1.180780017	1	0.908128424	1.08080839	0.850508736	
	0.914516564	1	1.012099355	1.094838437	0.913744706		
	0.843609337	0.956181415					
YBR016W	YBR016W::YBR016W::molecular_function unknown						
	1				1		0.900935121
	1.357432437	0.98177957	1.081402362	1	0.98734096	1.213310012	
	1.128987289	1.150794248	1	1.162463535	1.275742111	2.043826275	
	0.980907422	1	1.61835723	1.215896564	1.258784003	1.17680463	1
	1.239496732	1.308821644	1.303753543	1.01208991	1	0.924164338	
	1.347541048	1.214195509	0.753679337	0.905361583	1	1.049890754	
	1.159138227	1.329015999	1.460602397	0.935045349	1	0.96788927	
	1.047082655	1.266753041	1.031208188	1.158063569	1.085773768		
YNL212W	YNL212W::VID27::Vacuole import and degradation						
	1				1		1.44767184
	1.265032919	1.349287024	1.322869286	1	1.312763369	1.424916287	
	1.398280698	1	1.346366133	1.329418121	1.236018361	1.562635173	
	1.477977063		1.084513265	0.884317266			

	0.886328992		0.99678902	1.132599224	1	0.817855408
	0.95202888	1.168485036	1.136579684		1	1.117440929 1.740149629
	1.150427588	1.233365803	0.693071946	1.23200292		
YLR071c	"YLR071c::RGR1::affects chromatin structure, transcriptional regulation of diverse genes and sporulation, required for glucose repression, HO repression, RME1 repression and sporulation"					
	1.203982378	1	1.186117765	1.163504921		0.880605876 1
	1.0742151	0.650126638	1.000912826	1		0.797402881 0.78772367
	0.812949434	1	0.672154376	0.484567754	0.793156569	1
	0.987521376	0.961391862	1.038074437	1.117215374	1.097496162	1
	0.992279531	0.67568009	0.971783515	1.132187162	0.590100542	1
	0.894940286	0.807273694	1.098493677	0.838232827	0.660285901	1.007843244
YNL214W	"YNL214W::PEX17::23 kDa peroxisome associated protein, binds Pex14p"					
	0.928390408	0.978244693		1.075886909		0.806344858
	0.879803981	1.003611063		1.088685693	1.082044493	1.326322399
	1.116047446	1	0.901729499	0.886760611	1.190112624	1.349631733 1
	1.648744847	2.034255683	1.938396134	1.017842228	1	1.399367631
	1.305342723	1.003337753	1.106708446	1	1.226253521	1.400089335
	1.778500951	1.019556206	1.245476348	1	1.467457465	1.473219773
	1.116431212	0.625784191	1.419319386	1.023604482		
YBR030W	YBR030W::YBR030W::molecular_function unknown					
	0.730976504	0.960611143	0.837337669	1	0.83211946	0.869637664
	0.821384447	0.980991746	1	0.605949005	0.571637796	0.54663187
	0.881816137	1	0.956607212	0.625509539	0.689408042	0.729357549 1
	1.267893077		0.851222187	1.049606109	1	0.897310654 0.926434393
	0.995507207		1.072416858	1	0.849597416	1.168556614 1.196288026
	1.119725255	1.397366315	1	0.671765355	0.621090349	0.672342268
	0.982955423	0.752691471	0.975445103			
YLR073C	YLR073C::YLR073C::molecular_function unknown					
	0.823673639	0.938633912	1.014634272	1	0.727563028	1.08515415
	1.38140746	1	0.471250131	0.39797091	0.57095247	0.784154315 1
	0.371473473	0.39547777	0.460758917	0.683922584	1	0.526599443
	0.792684862	1	0.571826834	0.442677613	0.448158755	0.870425696
	0.744785591	1	0.31604212	0.572221289	0.342120758	0.70858048
	1.134283435	1	0.358563506	0.629425935	0.817247917	1.38498262
	0.517321711	0.990330781				
YBR032W	YBR032W::YBR032W::molecular_function unknown					
	1.683554345	1.276280413	1.616420788	1	1.25536445	1.196298909
	1.435400793	1.410657257	1	1.398899759	1.319434083	1.656258442
	1.161515179	1	0.638507135	0.581841304	0.885417376	
	0.310832577	0.545690878	0.319847086	0.267434971	1	1.167323683
	0.78051217	0.683337815	0.969454309	0.753912566	1	0.834470074
	1.142496572	0.59531247	0.435277953	1.829806192	1	0.898819606
	1.453835341	0.626060643	1.895261717	0.969463799	1.147943055	
YLR075w	"YLR075w::RPL10::similar to members of the QM gene family, which is implicated in differentiation in other eukaryotes and tumorigenesis in humans; homology to rat L10; ubiquinol-cytochrome C reductase complex subunit VI requiring protein"					
	0.899369918	0.826172693	1.151842286	1.061341827	1	0.802443634
	0.761463428	0.623012302	0.838595779	1	1.05541088	0.595989335
	0.510448667	0.880691541	1	1.587582551	0.935914888	1.130982371
	0.900727395	1	1.257919747	1.226069028	1.205444009	1.431380056
	1.321489766	1	1.318437842	1.403227598	1.162118262	0.711377568
	0.910627127	1	1.50793091	1.099273067	0.841433093	1.346085866
	0.968063772	1.34145592				
YBR034C	YBR034C::HMT1::hnRNP methyltransferase					
	0.725870833	1.041014694	1.222554316	1	0.834569142	0.834807049

1.081755678	1.302187577	1	0.404735274	0.373070339	0.41530656	
0.916715385	1	0.378255347	0.277275252	0.415371315	0.736164626	
0.359802404	0.375566981	0.306625903	0.548984837	1	0.825402334	
0.689607538	0.772241913	0.987562495	0.928079422	1	0.535340942	
0.607346922	0.485275002	0.706064485	0.895445315	1	0.475909343	
0.568911605	0.843227544	1.064596291	0.56086979	0.92991272		
YLR077W	YLR077W::YLR077W::molecular_function unknown				1	0.843548093
0.832606856	0.955360298	1.006454653	1	0.845232544	0.988067768	
0.952605816	0.935994376	1	0.834346882	0.818315429	0.912192499	
0.945270619	1	1.06260745		0.945737956	1.271438817	
1.098312391	1.158034763		1.323307542	1	0.998147874	
0.831599002	0.927331853	0.920481229	1	0.942481544	1.159268578	
1.046997388	0.871622967	1.250898162	1	1.009149294	1.210530964	
0.932728869	1.289855236	1.213490142	0.929037055			
YBR036C	"YBR036C::CSG2::Required for growth in high (>25mM) calcium, contains 9 or 10 putative membrane spanning regions"				1	1.277996512
0.906009911	0.967136228	0.599785236	1	1.004671615	1.065827774	
0.853558443	0.926566123	1	1.357821539	1.176940103	0.965473802	
0.844126766	1	1.086901393	1.118161177	0.888240147	1.054900209	
1.399557557	0.881800855	0.92162217	1.572835061	1	1.214311668	
1.029806925	1.260606445	1.358169444	1.209780681	1	0.959667944	
0.758011749	0.790842957	0.790965386	0.363832013	1	0.941721532	
0.602312725	0.75983952	0.656277945	0.537585338	0.845852802		
YLR079w	YLR079w::SIC1::P40 inhibitor of Cdc28p-Clb5 protein kinase complex					
1	0.783081747	1.141213102	0.968565693	0.903432443	1	
1.029178103	0.975195759	1.006633702	1	0.840711741	1.052955014	
1.432353785	0.855414668	1	1.025066004	1.315162611	1.502979234	
1.399000035	1	0.769381736	0.937260897	1.355566668	0.948682424	
0.964514172	1.149522487	0.984529074	0.746649719	1.123273657	1	
0.805645064	1.128012409	0.938332037	0.743023914	1.627808309	1	
0.790325119	0.642820339	0.688971378	0.941642831	0.821810756	0.988579451	
YBR038W	YBR038W::CHS2::chitin synthase 2				1	1.685273197
1.411821737	1	1.420689229	1.305360838	1.377826579	1.553164732	
1.320127229	1.723123788		1.856322072	1	1.575114361	
1.85794923				1	0.956872703	
0.745156265	0.794429135	1.016135582	1.008149293	1	0.90094691	
0.600466642	0.37322267	0.816643811	0.849008202		0.851070739	
0.687632276	1.209521525	0.889439764		0.504359402		
YBR040W	"YBR040W::FIG1::Factor-Induced Gene 1: expression is induced by the mating pheromones, a and alpha factor; required for efficient mating"				1	
0.99664008	0.953115997	1.195031287	0.934731865	1	1.016867935	
1.027169719	0.998289585	0.989515998	1	1.120360364	1.067067148	
0.824194153	1.099197893	1	1.249172591	1.053638574	0.961507164	
1.120953988	1	0.620042126	0.501137242	0.449948032	0.623352823	
1.016492902	0.849714055	0.830359723	1.06125531	0.96717396	1	
0.410745321	0.767407694			1	1.288044872	
1.895279482		0.648837381				
YBR054W	YBR054W::YRO2::Homolog to HSP30 heat shock protein Yro1p				1	
1.424287248	0.975239828	1.331713195	1.338782582	1	1.338296387	
1.345798762	1.059599573	1.554036245	1	1.237359739	1.496640632	
1.414856965	1.645781817	1	2.21334602	2.720488828	3.284381241	
2.536876183	1	1.189710339	1.027104699	1.208350204	1.699877009	
1.248795225	1.26280362	1.788345879	1.997007646	1.487887982	1	
1.120451023	0.914971341	0.651519069	0.836880934	0.621109237	1	
1.275264676	0.803382232	0.702551456	0.930507919	0.790337865	0.952678964	
YBR056W	YBR056W::YBR056W::molecular_function unknown				1	1.30640761
1.622398963	1.879719075	1.470339256	1	1.688688685	1.973838111	

1.93416188 1.447386667 1 1.192355249 2.205477874 2.141016607
1.881384732 1 1.855509125 1.958551721 1.784555071 4.526505806 1
2.336290929 3.195743086 3.735188279 2.55476586 1 1.019295655
1.425157131 1.857225189 0.760560819 1.364063447 1 1.194790012
1.32850411 1.970806858 1.254718056 0.520472827 1 1.312739152
1.248905642 1.550378406 1.063213526 1.365369597 0.992082006
YNL216W "YNL216W::RAP1::DNA-binding protein involved in either activation or
repression of transcription, depending on binding site context. Also binds
telomere sequences and plays a role in telomeric position effect (silencing) and
telomere structure." 1 0.873912386 0.699279452 0.86616858 1
0.818073147 0.829475634 0.725460299 0.670358003 1 0.726614585
0.731844908 0.454982844 0.987867563 1 0.752822729 0.583924866
0.553902386 1 0.955253316 0.594730315 0.836169644 1.065278498 1
0.925055032 0.777120627 0.872801634 1.074550057 0.962693449 1
0.759399358 0.447494963 0.555744997 0.574781493 0.4978895 1
0.958250775 0.79169086 1.256696463 0.945760609 1.148904496 0.769673503
YNL218W YNL218W::MGS1::Maintenance of Genome Stability 1 1
0.812698722 0.738297956 1.122680552 0.644390833 1 0.934685731
0.96498185 0.824519257 1 0.871967271 0.831841413 0.520179303
1.133231717 1 2.428636543 0.658669135 0.523547661 1
1.83561974 0.830837991 0.948013004 1.162885249
1.108201371 0.943475793 1 1.185856877 0.941129524 1.387763538
1.850448041 0.980521691 1 0.724273474 0.641531523 1.093466933
0.668556496 0.814330326
YNL220W YNL220W::ADE12::adenylosuccinate synthetase 1 1.347908976
0.931544796 1.044590138 0.904816212 1 1.257055363 1.066247332
0.868232433 0.816022955 1 1.710833489 1.623868675 0.631216064
0.687024211 1 2.50222434 0.383985226 1.106871619 0.447677328 1
2.626860442 0.953590089 0.774617506 1 1.050489619 1.258268168
0.877470445 1.51139101 1.462024504 1 1.052163271 1.202581395
0.908419066 0.823738303 1.819952513 1 1.482281087 1.587653702
1.105390593 2.105739161 3.075526864 1.013972585
YLR093C YLR093C::NYV1::Synaptobrevin (v-SNARE) homolog involved in vacuolar
vesicle fusion 1 1.01459212 1.351502566 1.117039033 1.63831991 1
1.05377791 1.080746058 1.46494146 1.510632253 1 0.943150765
1.236867565 1.587243112 1.258264431 1 1.254135014 1.064082819
1.343615557 1.785356284 1 1.972350928 2.122794478 3.221865924
1.887958339 1 0.981139707 1.250068526 0.888647234 0.747720391
0.978158378 1 1.046961092 1.349480683 1.53041063 1.096234959
1.763624302 1 1.218311946 1.320737379 1.098736434 1.272463881
1.775403577 1.372978396
YNL234W YNL234W::YNL234W::molecular_function unknown 1 0.835471893
0.802448718 0.937088356 1 0.793310306 0.849713797
1.296884696 1 1.064157566 0.817269313 1.083721048 1.446266306 1
0.918778005 1.066376932 0.893579514 1 1.407213632 1.483424342
1.097037645 0.640444984 1 1.327333715 1.186779746 0.868819479
0.947670841 0.803013143 1 0.989922572 1.222716633 0.97057405
1.31092789 1.238820454 1 1.434202018 1.289487064 1.592085883
1.174363251 1.131701085
YLR095C YLR095C::IOC2::Iswi One Complex 1 1.018867729 1.019593213
1.249606605 1.018472774 1 1.150727343 0.949842024 1.118360622 1
1.040798172 0.787718631 1.203395623 1 0.525411521
0.811695224 0.839472728 1 1.112878984 1.259240468 0.897427708
0.94130086 1 1.07912683 0.906376431 1.046192332 1.249033041 1
0.9879592 0.786487804 0.916299523 0.924829407 0.839119217
0.929473789 0.854547144 0.919653492 1.15303456 0.943496042 0.721514177

YNL236W "YNL236W::SIN4::involved in positive and negative regulation of transcription, possibly via changes in chromatin structure; regulation of YGP1 expression" 1 1.646071217 1.286209573 1.158255266 1.274243932 1
1.313254782 1.149696282 1.061718121 1.180995279 1 1.420518725
1.346627542 1.063134422 1.191973392 1 1.426505743 3.60311678
1.015251106 0.858404702 1 1.323733075 1.367448465 0.782137387 1
0.98941887 1.055124138 1.157886706 1.180990812 1
1.190278501 0.885125378 0.845317389 1.658874036 1 1.277421791
1.353605218 0.875558697 1.752131229 1.743377759 1.038490055

YLR097C YLR097C::YLR097C::molecular_function unknown 1 0.945841896
0.933811085 0.943597509 1.430882312 1 0.973475376 0.941145403
1.011213681 1.208559284 1 0.808415582 0.974801261 1.187567405
1.074890601 1 1.960945505 2.047937659 1.720400157 2.08550378 1
1.465700449 2.291612089 2.486573999 1.958161487 1 0.967017476
1.316825324 1.023167599 1.004942673 1.267115205 1 1.027199085
1.412587716 1.350145159 1.28384663 1.014192343 1 1.362692959
1.347031291 0.956313146 1.753339121 1.47717772

YNL238W "YNL238W::KEX2::prohormone processing; golgi localization marker, dispensable for meiotic recombination but partially required for meiosis I and/or meiosis II" 1 0.834863845 0.690885409 0.869078785 0.625352262 1
0.816603339 0.831766733 0.629641262 1 0.900936597 0.733784461
0.417019161 0.924422273 1 1.07630482 0.538872646 1.142456319
0.601261042 1 1.130380985 0.825126793 0.718815688 0.761537837 1
0.984608955 0.685676036 0.885440913 1.116950327 0.716928765 1
0.699791827 0.578127355 0.659665078 0.642335924 1 0.721801445
0.678414154 0.901947231 0.785006917 0.837068427 0.727643518

YLR099C YLR099C::ICT1::Increased Copper Tolerance; Similar to Ecm18p 1
0.84889383 0.854361444 0.58544942 0.510027709 1 0.97185434
0.652327856 1 1.751395647 2.088495268 1.623479464 1.204540047 1
1.22865323 0.755590864 1.286643636 1.634969884 0.40862263
0.761507133 0.40586658 0.339185815 1 0.829210255 0.790248656
1.165885981 1.128966784 0.847008973 1 0.991550602 0.864134561
2.571422549 1.112507867 0.891398062 1 1.172567801 1.052977702
1.410130849 1.307175626 0.910502464 1.357217158

YNL240C YNL240C::NAR1::Nuclear architecture related protein with homology to human Narf (Nuclear prelamin A Recognition Factor) 1 1.439503148
1.294080792 1.053373115 0.891325571 1 1.176014025 1.090026573
1.04664869 1.133900657 1 1.391167788 1.188306681 1.077624081
1.13652059 1 0.766150114 0.705559901 0.606454715 0.597278376 1
0.75416755 0.810886358 1 1.010375696 0.906723837 1.156274041
1.31784929 0.867395014 1 1.202301604 0.858043562 1.073590588
1.685576253 0.689271538 1 1.041151168 0.681767964 1.261787891
0.280053198 0.56406141 0.832718402

YBR058C YBR058C::UBP14::Functional homolog of mammalian isopeptidase T; may facilitate proteolysis by preventing unanchored ubiquitin chains from competitively inhibiting polyubiquitin-substrate binding to the 26S proteasome 1
0.962611649 0.798372601 1.230868422 0.764387221 1 1.12058741
1.124755254 0.829731778 0.952802228 1 0.902193416 1.006046189
0.547685835 1.132627133 1 1.888831097 1.044059646
0.610023495 1 0.918852647 0.900022496 0.787356191
0.857610692 0.940435665 1 1.023985897 1.194252778 0.762732774
0.867396401 1.164518708 1 0.925651352 1.009103839 1.072085995
1.197943635 0.818651427 0.704877326

YNL242W YNL242W::APG2::Defective in autophagy; required for sporulation 1
0.843928043 0.913914914 1.149063699 0.708314987 1 1.062942522
0.81672958 0.752498662 1 1.14046427 1.176263868 0.86034625
0.891410877 1.207138699 1.432030854 1 1.450783231

	1	1.089216207	1.253714657	1.498377266	0.786781648	
0.9247111116	1	1.325824407	0.79460573	1.394737384	1.211626862	
0.438322463	1	1.26971451	1.076168557	1.029152038	0.556480024	
1.318265206	1.007843244					
YLR101C	YLR101C::YLR101C::molecular_function unknown	1	1.173324051			
1.383016643	0.935382364	1	0.943209809	0.927871876	1.503880414	
1.572568598	1	0.995363062	1.401826583	1.95512219	1.09508872	1
1.219530722	0.957923279	1.028416986	1.778099869	1	1.628118864	
3.759981806	2.190772628	1.042295951	1	0.589227526	0.815807677	
0.740346337	0.78413096	0.813739752	1	1.016195272	1.728294773	
1.587808814	2.20081986	2.261655347	1	0.936512389	1.325317	
1.807356105	2.252823055	1.3594479	1.532342			
YNL244C	YNL244C::SUI1::translation initiation factor 3 (eIF3)	1	1.237401			
1.703012109	0.972776031	2.268565732	1	1.03066939	0.983471012	
1.742359534	1.573031293	1	0.97155057	0.9216169	1.382069411	
1.101598283	1	0.746094716	0.382287212	0.407234768	0.838800174	1
1.768092132	1.480405603	1.629186304	1.423080938	1	0.807756771	
0.917136106	0.574477715	0.828099197	0.962609178	1	0.776762449	
1.526056756	0.970173502	0.958498162	2.379598166	1	0.705451963	
0.943505766	0.740670737	1.806588697	0.981968697	1.42026211		
YBR060C	YBR060C::ORC2::origin recognition complex subunit 2	1				
0.798785856	0.928121069	1.013832041	0.920376106	1	0.991353833	
1.059927261	0.889950679	0.839320701	1	0.920638543		
0.995223745	1	0.883207744	0.724248291	0.880127333	0.855577448	
0.593725159	0.661985657	0.591232503	0.487036047	1	1.13952212	
1.043010089	0.858234959	0.923091168	1.065555693		1.057595615	
0.914940371	1.068731263	1.033563243	1	0.792972852	0.874182938	
1.104543871	0.973894132	1.13313718	0.849355305			
YLR103C	YLR103C::CDC45::Cdc45p assembles into a complex with Cdc46p/Mcm5p	1				
1.161452717	1.219934726	1.450251254	1	1.36227081	1.304751524	
1.459386859	1	0.754639855	0.896892917	0.880951786	1.574309925	1
0.702770363	0.710898974	1.038736139	1	0.819470887	0.675340241	
1.720770407	1	0.93551482	1.150869987	1.164747442	0.846671602	
1.270470338	1	1.053110746	0.969213493	1.224444436	0.882321327	
0.602073354	1	1.115125561	0.825436914	1.060408368		
1.140938049						
YNL258C	"YNL258C::DSL1::dsl1 mutations are suppressed by a dominant allele of SLY1, called sly1-20"	1	0.871002048	0.928247905	1.15838404	
1.100874565	1	0.973488525	1.154970468	0.795049087	1	
0.954095942	1.043646352	0.744503717	1.061579277	1		
0.8799443	1.240378433	1	1.4865484	1.523741039	1.635080614	1
1.006337326	1.137487263	0.908719362	0.834960432	1.040840778	1	
1.163241309	1.141193387	1.100136046	0.913685702	1.133753398	1	
1.274569598	1.526308735	1.129407107	1.087858806	1.56664543	1.246012933	
YBR062C	YBR062C::YBR062C::molecular_function unknown	1	1.081695302			
1.464370513	1.162226291	1.519957424	1	1.13208571	1.015891003	
1.784424045	1.449529189	1	1.157033083	1.568621415	2.090457849	
1.24749758	1	1.128099682	1.220302226	1.597133149	1.598292145	1
1.259256201	2.278960359	2.327211594	0.915271266	1	1.344315497	
1.856748156	1.008141697	0.729887533	1.089454892		0.922690628	
2.004441767	1.07710945	0.957886178	1.320664097	1	1.527496055	
2.556345551	1.575492779	1.696322231	2.345883099	1.461416482		
YLR117C	"YLR117C::CLF1::SYnthetic lethal with cdcForty; Crooked neck Like Factor, an ortholog of the Drosophila crooked neck gene, crn"	1				
0.844331652	0.947098324	1.038011746	1.052536003	1	0.970051149	
0.996065457	0.883671036	0.910643911	1	0.89905196	1.016948098	
0.846304788	1.06920917	1	1.095349821	0.933501548	0.966327582	

0.921857483	1	1.097905278	0.784890623	0.707335916	1
0.931026796	1.176651466	0.809605341	0.864038979	0.970321004	1
0.994972087	1.1709895	1.110289977	1.136103891	1.27735641	1
1.050613864	1.153548119	1.080073508	1.15106231	1.028858158	
YBR064W	YBR064W::YBR064W::molecular_function unknown				1 1.188290843
1.092585833	1.180663085	1.323808648	1	1.065351186	1.180994613
1.248624709	1.109946197	1	1.000637249	0.982352413	0.932723878
1.010383403			0.509979451	0.584502091	1
0.8132638	1.00165039	1	0.756055606	0.694195962	0.846575949
0.875959167	1.068082632	1	0.963994355	0.973133202	0.903062086
0.940431106	1	1.028585605	1.066037124	1.161306101	0.803630933
1.100245016					
YLR119w	YLR119w::SRN2::Suppressor of rna1-1 mutation				1 1.389160882
1.664275322	1.303932405	1.91509695	1	1.407903319	1.246461876
1.630874112	1	1.451692983	1.521328841	2.330326015	1.508210066 1
1.428745878	1.149863289	0.942376021	1.659181972	1	2.190964572
2.241938966	2.85263743	1.621349218	1	0.824154348	1.197094446
0.620739471	0.509744649	0.859909883	1	1.234558792	1.74758287
1.874081566	1.611373771	1.93204937	1	1.371130596	1.48961478
1.254351033	1.683578022	1.66004268	1.355465933		
YBR078W	YBR078W::ECM33::ExtraCellular Mutant				1 1.250658667
0.721168326	1.101974983	0.739825189	1	1.0906521	0.984841831
0.773488608	0.866726026	1	1.087072782	0.790464822	0.644932862
0.847408583	1	0.966246622	2.016313961	1.613662853	0.564457654 1
0.481258225	0.148454423	0.141700819	0.294629916	1	1.22016308
0.861308459	1.127530492	1.678282178	0.815018637		1.237861846
1.137919313	1.07163077	1.056723145	0.686490136	1	1.058307463
0.868827712	0.875218754	0.841505736	1.022360078	0.542886884	
YLR121C	YLR121C::YPS3::Gpi-anchored aspartic protease (Yapsin 3)				1
0.918679415	1.079691901	0.875323401	0.84072025	1	0.913444541
0.83235085		0.770377998	1	1.181272375	1.037228661 1.241506008
0.815409074	1	0.81326633	0.681020211	0.781471917	1.110934098 1
1.672208217	2.25651515	2.434241685	1.65663018	1	1.13739418
1.060964738	1.260717563	1.006364105	1.164338675	1	0.877416001
1.014408679	1.160392315	0.949387889	0.734735194	1	1.088686859
1.09403658	1.01375617	1.096442527	1.148216263	1.152321171	
YBR080C	YBR080C::SEC18::cytoplasmic protein involved in protein transport between ER and Golgi; ATPase				1 1.122832205 1.028135965 1.351904758
1.05434591	1	1.272246684	1.276739255	1.004631077	0.833663844 1
0.952570858	1.369156165	0.936588786	1.029847326		0.971667532
1.097391944	0.86718023	1	0.845366839		1
1.018493839	1.234850588	1.283730352	1.045682299	0.964990308	1
0.977065118	0.935914884	0.833548205	0.794670852	0.51769642	1
1.275151031	1.320383241	1.15303766	1.003909012	1.126100605	0.806449707
YLR123C	YLR123C::YLR123C::molecular_function unknown				1
1.502991251	1.468674845	1	1.282582508		1.540309297
1.449739603	1	1.24077979	1.2575577	1.371707566	1.244015561
0.474665151	0.182078482		0.574874999	1	1.53462448 2.727227395
1.377294096	1.384870857	1	0.866891432	0.982874787	1.060016678
1.124206142	1	0.502047107	0.538429761	0.601473576	0.804163044 1
0.905146165	0.885451833	1.020871355	0.707452619		1.330072903
YBR082C	YBR082C::UBC4::One of several UBC genes encoding ubiquitin-conjugating enzymes that attach ubiquitin to proteins.				1 1.258898518
1.538782422	1.042393582	1.45181271	1	0.928828737	1.182439933
1.604676625	1.309783008	1	0.891468324	1.364634616	2.27119977
1.057984263	1	2.053394842	1.67068506	1.766684589	3.307179989 1
1.350969393	2.342900354	2.036095487	1.795011448	1	1.247294136

1.069326829	0.985002188	0.738450387	1.174915113	1	1.284587638
1.929892399	1.063052696	0.918857259	1.357406258	1	1.327174599
1.525441722	1.144163179	1.48914627	1.215678813	2.020940269	
YBR084CA	YBR084CA::RPL19A::Homology to rat L19		1	0.989395042	
0.996551016	1.028319418	1.139500031	1	0.990870296	0.988715857
1.09299108	0.992160661	1	0.839982723	0.888243894	0.722972544
0.928534168	1	0.648974175	0.364178086	0.293715445	0.606144705
1.050543181	0.801901523	0.513637066	0.723923328	1	0.879458982
0.704898906	0.799321718	0.868983378	0.870472719	1	1.253445354
1.792363008	0.942498319	0.952358041	2.039024389	1	1.02914843
1.208346711	0.919479632	1.594076102	1.077224778	1.107664347	
YBR085W	YBR085W::AAC3::highly homologous to PET9 (AAC2) and AAC1; expression occurs only under anaerobic conditions		1	2.058177016	1.43216208
1.433206923	1.13364984	1	1.641440225	1.648509393	0.959428663
1.085792182	1	1.339526752	1.164651579	1.007422058	0.848165699
				1	0.871405749
0.77066356	0.964942265	1.237179793	1.193752589	1	0.729732971
0.656080397	0.395417464	0.392081871	0.664284908	1	1.162600282
0.774989918	0.814836063	0.99173893	0.843526278	0.929037055	
YBR087W	YBR087W::RFC5::RFC is a multisubunit DNA binding protein and ATPase that acts as a processivity factor for DNA polymerases delta and epsilon and loads proliferating cell nuclear antigen (PCNA) on DNA			0.994879931	
0.878028709	0.986204805	1.177699658		0.940735668	0.787539902
0.996384926	1.035825767		0.605227233	0.688573791	0.497809115
0.884027064		0.91489381			
1	0.954334143	0.957405791	0.825256813	0.865510292	0.96872535
1.076255185	1.137967761	0.791004716		1.655362472	1
1.392448662	1.025695765	1.620602362	1.290840919	1.073514981	1.207639699
YHR007C	YHR007C::ERG11::cytochrome P450 lanosterol 14a-demethylase		1		
1.429646377	0.720430396	1.291688158	0.73374529	1	1.354634633
1.140460514	0.826484825	0.926225868	1	0.720062467	0.556911425
0.386843234	1.003030076	1	0.652696521	0.637103536	0.674390408
0.791401115	1	0.481960687	0.18347983	0.191575579	0.835380457
0.448069517		0.427915472	2.137826524	0.828006604	1
0.083537339	0.075211995	0.711868106	1.021368854	1	0.389360727
0.145615544	1.157399825	1.298055239	0.803023078	0.649712994	
YAL051W	YAL051W::OAF1::transcription factor		1	0.903493471	0.927880669
0.905646822	1.07988141	1	0.935104576	1.072862185	0.970965928
0.898419824	1	0.948606285	0.969909182	1.100851883	1.028928991
0.955122897	0.796651407	0.898753959	0.839761945	1	1.208735597
1.054108275	0.978537002	1.072499248	1	0.943895555	1.081581329
1.101952787	0.994001807	1.004081338	1	0.951780994	0.853646169
0.968138097	0.964455316		0.985151274	1.007195796	0.678255596
1.365834085	1.01309692				
YAL051W	YAL051W::OAF1::transcription factor				
			1	0.64930435	
0.611604576	0.838258675	1			0.929740978
0.632666156	0.793192877	0.961199808		2.540185244	
YFL035CB	YFL035CB	1	0.684626327	0.737273887	0.656417608
0.662757887	0.578534441	0.927470146	0.937798526	1	0.594491179
0.611824138	0.64874453	0.826218835	1	0.711559552	0.450524965
0.416464969	0.804054733	1	1.194494718	0.918967346	0.87586782
0.983292049	1	1.002531148	0.90994555	0.672261474	0.94836559
1.32159128	1	1.042709604	1.224307469	0.837345845	1.068979184
2.065700729	1	0.834195769	1.062934171	0.790795889	1.468382309
0.87509447	1.472799604				

YPR102C YPR102C::RPL11A::Homology to rat L11 and E. coli L5 1
1.085752323 1.044892781 0.812524069 1.403792683 1 0.911928215
0.810493279 1.215700873 1.105222145 1 0.825648143 0.862529577
0.758521798 1.362855747 1 0.622425247 0.354834519 0.219948799
0.560128703 1 1.247316138 0.982587173 0.671418056 0.844547785 1
1.162625231 1.259689683 0.912736685 1.028570131 1.432879936 1
1.105732269 1.59602796 0.79479851 0.686026338 1.375228972 1
1.132473418 1.591763767 1.16537615 1.433517606 1.382105863 1.017475036
YNL260C YNL260C::YNL260C::molecular_function unknown 1 0.927123967
1.316103335 0.947466718 1.495831138 1 0.836731387 0.91344133
1.178309131 1.291578732 1 1.572856876 1.70822183 1.488961982
1.18067323 1 1.465775832 0.92570632 0.740978766 1.062344605 1
3.264425653 2.544150897 2.223081341 1.570786701 1 1.392885053
2.110986661 1.215412098 0.787266061 1.020815937 1 1.876938793
2.862328254 2.397411925 2.231372246 1.592340513 1 2.058817144
1.270519584 0.507877284 1.095530684 1.17596308
YNL262W YNL262W::POL2::DNA polymerase II 1 1.85527873 1.810116212
1.740275272 1.924813968 1 1.65744408 1.537957787 1.918543084
1.784976464 1 1.584005975 1.411049128 1.827337786 1.692791429
0.820891539 1 1.00282177 1
1.054592649 0.822910352 1.07315431 0.970673207 0.874985151 1
1.23973617 1.263220304 1.314280866 1.426628023 1.092145273 1
0.857738321 0.875491656 0.843972178 0.936090787 1.145316164
YNL264C YNL264C::PDR17::involved in pleiotropic drug resistance by
controlling lipids in various cellular compartments; putative
phosphatidylinositol transfer protein. 1 1.1159086 1.108654362
1.089825826 1.148185377 1 1.028520906 1.205428815 1.154513602 1
1.203041179 1.217254237 1.137614433 1.089209975 1 1.626159791
1.416459174 1.194125534 1.167700436 1 1.414026838 1.010286773
0.716238394 1.152584201 1 1.056311803 1.192647994 1.264066129
1.096923221 1.036728762 1 1.191463766 1.119866872 1.091579384
0.970259271 1 1.352352589 1.126796454 0.964060295 0.8687925
1.072670084 0.802071592
YLR125W YLR125W::YLR125W::molecular_function unknown 1 1.164749387
1.16628682 1.27938939 1 1.064276158 1.258942922 1
0.949497624 1.135382793 1
1 1.256659639 1.714477769 1.363079081 0.857473968
1 1.135308164 1.736596564 1.754059097 1.129237793 1.15173231 1
1.233888468 1.786240728 1.46401874 0.689116088
YNL266W YNL266W::YNL266W::molecular_function unknown 1 1.1327603
1.40347913 0.990037182 1.787170816 1 1.026690963 1.056349733
1.774067513 1.503785386 1 1.119572795 1.376625392 1.891025598
1.217781674 1 1.745881706 1.388165058 1.733848106 1.821531629 1
1.962730191 2.871634265 1.117309186 1 1.146946752 1.345132918
0.895959011 0.927973198 1 1.035843338 1.492706017 1.529792456
2.266002392 1 2.113796282 1.591881438 1.415878467 1.58715285
2.403050372 1.535844451
YLR127C YLR127C::APC2::subunit of the Anaphase Promoting Complex; all known
APC subunit co-immunoprecipitate with epitope-tagged Apc2. Apc2 shows similarity
to cullins. 0.966560327 1.028352651 1.013040296 1.162036238
1.101762512 1.096185264 1.038784293 0.93050851 1.116415231
1.119064553 0.993281128 1.082761782 1 1.15973695 0.901251285
1.072900132 1.316019945 1 1.372762282 2.284719273 1.602197288
1.090236551 1 1.296953393 1.531032798 1.183501502 0.908156028
1.199714253 1 1.39200577 1.170472954 1.195400195 1.048200357
0.748359558 1 1.159547753 1.030835913 1.041100987 0.728150469
1.252142274

YNL268W YNL268W::LYP1::lysine permease 1 0.932016094 0.649604055
 0.951464107 0.524450569 1 0.945339433 1.100611546 0.696403825
 0.775739177 1 0.940488793 0.790692201 0.590537985 0.707067248 1
 1.098585352 0.99493154 1.172037879 0.462232665 1 0.888181634
 0.824425773 0.655346059 0.438771464 1 1.180349518 0.944834296
 1.305675986 1.35942479 0.885520489 1 0.765278717 0.657841244
 0.793027796 0.665294809 0.414010877 1 0.994037701 0.741455052
 1.05437827 0.681727788 0.682628388 0.696996707
 YLR141w YLR141w::RRN5::involved in transcription of rDNA by RNA polymerase I.
 UAF interacts directly with an upstream element of the promoter and mediates its
 stimulatory function. 1 1.610339862 1.503917297 1.26821714 1.645267354 1
 1.465801885 1.417273054 1.382501804 1.511904211 1 1.248369674
 1.607433297 1.517141039 1.342752801 1 0.728101154 0.552081787
 0.585143047 1.011419191 1 1.201850843 1.619905623 1.364235558
 0.601891677 1 1.043947962 1.069248726 1.18475798 1.165557101
 1.107434942 1 0.78951451 0.696334833 0.791964257 0.621937278
 0.626455563 1 1.027092983 1.009270775 1.122283696 0.918174819
 1.103956283 24.60503473
 YNL282W YNL282W::POP3::RNase P and RNase MRP subunit 1 1.144499844
 0.838066978 1.280254145 0.861054508 1 1.290480793 1.229042419
 1.442600208 1.298717997 1 0.775547144 0.822422637 0.86847322
 1.298231786 1 0.278996161 0.396337104 0.612397628 0.68644876 1
 0.485158472 1.671292287 0.734883056 0.555052291 1 0.799716231
 0.830265649 0.938032883 1.025488223 0.972532907 1 0.701434146
 0.484530024 0.597547764 1.326935047 0.890840361
 1.44204167 0.268219252 1.089373253 0.739902305
 YNL284C YNL284C::MRPL10::Mitochondrial ribosomal protein MRPL10 (YmL10) 1
 1.062404464 1.206985264 1.124030535 1.239736977 1 1.002993689
 1.156307179 1.484490774 1.394071172 1 0.927226759 1.039431823
 1.26763906 1.060827493 1 1.177742211 1.12970589 0.957846833
 1.570912211 1 1.693948872 1.933548695 2.262127772 1.333220905 1
 1.152805757 1.265619162 1.052784572 0.95132579 0.946514391 1
 1.202846196 1.149354646 0.961764325 0.753929007 1.275938657 1
 1.146618451 1.13072671 0.857669116 1.09214237 1.201919295 1.198729219
 YLR143W YLR143W::YLR143W::molecular_function unknown 1 0.733767491
 0.713750399 1.057073428 0.793809656 1 0.919864275 1.008673495
 0.75773956 0.855700804 1 0.720290852 0.763074081 0.507583021
 0.923309982 1 0.564612309 0.610380351 0.539068851 1
 0.722226311 0.461358264 0.592188192 1 0.947030463 0.994964309
 1.026586799 1.054485627 1.038891146 1 0.982620604 0.716920798
 0.864914562 1.021704052 0.766632433 1 0.795713643 0.729476875
 0.986020071 0.81305928 0.87439974 0.830091564
 YNL286W YNL286W::CUS2::cold sensitive U2 snRNA Supressor 1
 1.057211415 1.348819327 1.239442046 1.395987204 1 1.206690698
 1.143238752 1.395552075 1.525658957 1 1.051826345 1.303866497
 1.474387395 1.451423911 1 0.95331876 0.470499871 0.759144087
 0.943889249 1 1.330535958 1.101163344 0.856344368 1
 0.873345774 1.073056968 0.924437724 0.859792798 0.964848424 1
 1.018424341 1.055391123 2.058380185 1 0.997909482
 0.740212355 1.141879086 1.030671377 1.077017537
 YBR100W YBR100W::YBR100W::molecular_function unknown 1.00842406
 0.983938778 0.997386254 1.026938505 0.859616854 0.871016907
 1.070583877 1.017240321 0.808979077 1.082044493 1.327491019
 0.902627849 1 1.254301394 1.523870144 1 0.73803487
 1.676322114 1.212575761 1.332992828 1.144058471 1.200267251
 0.990885167 0.944432653 1 1.195415474 0.861146661 0.576015092

	0.767079044	1.585809441	1	1.228069419	1.15998971	1.001127998	
	1.214643581	1.228591071	1.117296244				
YLR145W	YLR145W::YLR145W::molecular_function unknown					1	0.913580526
	1.274740883	0.913073169	1.593625517	1	0.846698421	1.004659737	
	1.279722606	1.583718229	1	0.775015486	0.955061215	1.381538818	
	1.049914958	1	1.020635394	0.585686787	1.037149109	1.371360642	1
	1.58953495	2.921045194	1.398906423	1.33639713	1	0.850059082	
	0.900882443		0.647624335	0.91047602	1	0.888366087	1.054119181
	0.919645548	1.24648406	1.77517623	1	0.875922797	1.190498629	
	1.125033044	1.595924481	1.574559101	1.397495866			
YNL288W	YNL288W::CAF40::CCR4 Associated Factor 40 kDa					1	0.952427583
	0.844233834	0.812225624	0.649624053	1	0.861412612	0.87636205	
	0.817839928	0.808570443	1	1.054718045	0.851392408	0.894734752	
	0.764957538	1	0.932900412	0.699722562	0.858294563	0.661327208	1
	1.116059556	0.848570231	1.034992845	0.86037229	1	1.19961733	
	1.101749281	0.89280626	1.055299332	0.797976945	1	0.775259867	
	0.814165842	0.732254351	0.541187718	0.813186242	1	0.808385826	
	0.857498403	0.902029352	0.865033682	0.999748261	1.016599476		
YBR102C	YBR102C::EXO84::exocyst complex component; homolog in rat brain called rExo84. pre-mRNA splicing factor.					1.060138109	0.95319068
	0.992674623		1.362069	1.169776893	1.033484362	0.994937845	
	1.030815383	1.152911565	0.563248804	1.013253582	1	0.881467867	
	0.607287735	0.886201574	0.723714559	1		0.528742121	1
	0.763241001	0.835420177	0.809600154	0.73699364	0.843442693	1	
	1.218965433	0.795400255	0.951713534		0.910421376	1	1.049419511
	1.037648635	1.289863191	0.797874867	1.187326452	0.895763354		
YLR147c	YLR147c::SMD3::involved in snRNP biogenesis and pre-mRNA splicing						
	0.712915168	1.176398985	0.733503796	1.318671246		0.713118776	
	0.856737929	1.733073798	1.165923447		0.659480693		1.135846155
	0.964304179	1	0.678663083	0.572078691	0.543807723	0.924990895	1
	1.26242809	1.900187044	1.507262678	1.000115936	1	0.880626917	
	1.09765723	0.690820379	0.726449022	0.967648008	1	0.95059345	
	1.15187665	1.161175529	1.361830188	1.903155777	1	0.891747099	
	1.112916587	1.128987283	1.652793628	1.344176823	1.360719714		
YNL290W	YNL290W::RFC3::RFC is a DNA binding protein and ATPase that acts as a processivity factor for DNA polymerases delta and epsilon and loads proliferating cell nuclear antigen (PCNA) on DNA					1	0.795924631
	0.955187038		0.966015474	1	0.865657042	0.876263931	1.134599154
	1.051670305	1	0.743045491	0.748295289	0.711406407	0.993051541	1
	0.680339105	0.465604847	0.534185065	0.778924724	1	1.099534096	
	0.658269546	0.835505234	1.250604602	1	0.974922333	1.006751532	
	1.114667383	0.890386105	1.018492373	1	1.064334276	1.264638541	
	1.239135996	1.082683813	0.982604261	1	1.098082647	1.09465241	
	1.080081207	0.76082183	1.063695904	0.970191427			
YBR104W	YBR104W::YMC2::Mitochondrial carrier protein					1	1.422206044
	1.115174603	1.230554048	1.276739949	1	1.106103102	0.915463661	
	1.31074123	1.411842576	1	1.274512924	0.737977099	0.468124792	
	1.120983146	1	0.621785035		1	0.750632905	
	0.782083468		1	0.861283419	0.62200122	0.773972563	
	1.043146789	0.901105311	1	0.933444022	1.020821825		0.96133058
	1.249920959	1	0.874993026	0.816294263	1.005669097	0.909747795	
	0.536090893	0.850230918					
YLR149C	YLR149C::YLR149C::molecular_function unknown					1	0.896223852
	1.233586515	1.426517743	1.015549251	1	1.390585773	2.049704707	
	0.999352485	0.886234196	1	1.603083811	2.475761011	2.098967608	
	1.278159474	1	4.365632329	2.586021905	3.479606348	1.518677929	1
	3.036736176	2.425203733	2.572044677	2.140776117	1	1.14335668	

1.699963577 1.348146526 1.403706934 1 1.011587344 0.816423319
2.190691395 1.52624645 0.832093215 1 1.006098845 0.845188573
1.081751363 0.701618558 1.450291401 0.666349844
YBR106W YBR106W::PHO88::May be a membrane protein involved in inorganic
phosphate transport and regulation of Pho81p function 1 1.475000687
1.277150514 1.209437428 1.804335862 1 1.276790606 1.009588371
1.55979986 1.533615704 1 1.008298574 1.192937931 1.213712854
1.166526281 0.632886887 0.51055789 0.359352595 0.819678226 1
1.011838815 0.865214896 1 1.062570163 0.778060511
1.23572389 1.101153022 0.881341124 1.588218866 1.553755047
1.134314693 1.4355045 1 1.541813461 1.636199705 1.328366197
1.357911551 1.212425675 1.443028354
YLR151C YLR151C::PCD1::peroxisomal nudix hydrolase active towards coenzyme A
and its derivatives 1 1.202777734 1.43052792 1.354397938 1
1 1.18295098 1.253648237 1.565981176 1.357268056 1
1.054797708 0.666642886 0.97831963 1 1.266936794 1.053808825
0.74917984 0.655408484 1.039688786 1.199282478
0.960699439 1 1.053215558 1.06721622 1.134201866 1.305491997
1.239249807 1 1.096068859 1.261017729 2.141104919
1.287167305
YBR108W YBR108W::YBR108W::molecular_function unknown 1 1.149272793
1.141648044 1.119520023 1.408151732 1 1.069244319 1.062476068
1.446452388 1.257670373 1 1.070802128 1.124125735 1.538471851
1.32946996 1 1.120846956 0.868736747 1.073792412 1.151443284 1
1.064046504 1.287090238 1.173037306 1.093002362 1 1.015488395
0.98946344 1.138062905 0.83052254 1.081948881 1 1.293458485
0.904786059 0.815805882 0.962816914 0.477090123 1 1.252281773
1.107807803 1.049366618 0.757877035 0.966577823 0.936917726
YKR050W YKR050W::TRK2::membrane protein; low affinity potassium transport 1
1.771692119 1.754791141 1.487832315 1 1.360251603
1.885715791 1 1.651538296 1.478791007 1.86113942 1.336462239
0.827371707
1.002027182 0.665449914 0.915355374 1.02675876 0.976966338 1
1.05708986 0.765380312 1.473835897 1 0.964082029
0.92452554 0.977803263 1.309567846 1.423549138 3.629461463
YBR110W "YBR110W::ALG1::beta-1,4-mannosyltransferase" 1 0.975372253
0.950760484 1.017642402 1.019395168 1 0.956623982 1.085658725
1.00378165 0.947484031 1 1.165920466 1.257354268 0.909051163
0.988554691 1 1.727948637 1.421887135 1.100924862 1.579393199 1
1.460517759 1.436095122 1.233632093 0.908760777 1 1.276575946
1.53526311 1.420906617 1.006291302 1.0744974 1 1.565209335
1.884603505 1.617651048 1.354703828 0.925055561 1 1.655232798
1.833499252 1.283276197 1.068272062 1.10703594 0.844101524
YKR052C "YKR052C::MRS4::mitochondrial carrier protein, highly homologous to
Mrs3p" 1 1.318694972 1.082877209 1.104790124 1.087660095 1
1.066425515 1.083691651 1.193584307 1.206509537 1 5.744113234
2.371476157 1.131214952 1.154875014 1 4.996808324 2.459512272
2.002639331 1.65545983 1 7.036692034 3.233605097 1.651632346 1
3.72848143 3.672709842 4.375315675 0.895118744 1.259086071 1
5.674342338 3.577003996 5.940155673 2.13101957 0.870372436
2.869097008 0.59641928 0.380748021 0.395280139 1.159326177
YBR124W YBR124W::YBR124W::molecular_function unknown
0.866563123 0.742058518 0.98795403 0.843557383 0.780586374
0.923386968 1.076887923
0.952952911 0.959809688 1.028697845 0.956872
1 0.908649284 0.877142025 1.062895892 1 0.962345992
1.164413605 0.721014342 1.44734634 1.000838238

YBR126C "YBR126C::TPS1::Probable regulator of glucose influx into the cell & into glycolytic pathway, indirectly regulating glucose-induced signalling (activation & inactivation) & initial step(s) of glucose metabolism. Homologue of E. coli otsA protein" 1 1.914467582 2.135546518 2.096781748
1.530923958 1 2.140192433 2.106475555 1.784074769 1.848774334 1
1.998829454 3.319990764 3.516078196 2.114385095 1
1.389283386 1 1.33260691
1.788175262 1.987745864 1.084394223 1.282131566 1 1.033518551
1.27627052 1.420287946 0.906503204 0.62057719 1 1.750570098
1.758675311 1.314930516 1.022615635 1.929117256 0.95705708

YBR128C YBR128C::APG14::Required for autophagy 1 1.338409124
1.056352491 1.076169079 0.821269878 1 1.168894229 1.081222813
0.879201493 0.869076359 1 1.288845379 0.704390506 0.963694999 1
0.955985594 0.70669271 0.618027837 0.807222461 1.038436987
0.837546045 0.787502271 0.69033008 1 0.960060641 0.725718379
0.777327176 1.174488129 1.081675359 1 0.983587867 0.613061251
0.587214907 0.713991384 0.63952978 1 0.935750436 0.722404676
0.752156337 0.694296815 1.18306502 0.815205939

YAL054C YAL054C::ACS1::one of 2 acetyl-coA synthetases in yeast 1
1.421475401 1.424011823 1.185155279 1.38678858 1 1.210450497
1.307372758 1.34175667 1.327477132 1 1.39185765 1.25291042
1.81939841 1.109173068 1 0.728440421 0.711697624
0.484293482 0.843137135 0.625102037 1 0.890660732 0.98137412
0.946171992 0.855973886 1 0.827082383 1.041358472
1.777066397 1 0.835858903 0.785126313 1.011638868 0.689489224
1.649540175 0.959683866

YBR130C YBR130C::SHE3::cytoplasmic protein involved in mother-specific HO expression 1 0.951785667 0.95764673 1.201571691 0.918065038 1
1.139033213 1.226405627 0.963340026 0.940443953 1 0.934362527
1.102830853 0.839114136 1.088207969 1 1.437391768
0.873807728 1 0.981199265 1.068599201 0.782066738 1
1.00689287 0.928793757 1.278759904 0.914587587 1.057776338 1
1.148809571 0.784702097 0.862724313 1.04016799 0.772902101 1
1.419693346 1.082532039 1.546620298 0.920864588 1.629856756 0.963186421

YAL056W YAL056W::GPB2::Gpa2 interacting partner; Homolog of GPB1
 Gpb2 binds in the two hybrid system with Gpa2 and plays an inhibitory signaling role attributable to interactions with Gpa2 and an unknown target in the PKA pathway.
1 1.262220521 0.923411484 1.436264181 0.907512969 1 1.324434248
1.34027138 0.99815467 0.892880516 1 1.348771873 1.064011734
0.739312703 1.131654192 1.464308003 1
0.750890505 1 1.047871628 1.138277188 0.768402413
1.204410292 1.165451576 1 0.986581363 0.784206601 0.99898911
0.834913752 0.77597616 1 0.960404065 0.824136049 0.911266398
0.888965366 1.088763962 0.885255897

YPR104C YPR104C::FHL1::Putative transcriptional regulator of rRNA-processing genes 1 0.758841535 0.789250119 0.95092309 1.031117838 1 0.742378543
0.740582808 0.871576801 0.830560465 1 0.74963931 0.631991294
0.614034589 1.210534045 1 0.63596115 0.575033913 0.729233616 1
0.750543931 1.109839003 0.719422044 0.989839845 1 0.933797027
0.827042684 0.821426416 0.783252124 1.059886529 1 1.046945204
1.050390806 0.926769287 1.097395255 1.055712605 1 0.855981357
1.088135168 0.513279079 0.891939719 1.03936572

YPR106W YPR106W::ISR1::Inhibition of staurosporine resistance 1
1.115118149 0.886619251 0.810682428 0.634459324 1 0.985127806
0.928619361 0.87864948 0.707675722 1 1.151367618 1.003918594
1.062223611 0.780196275 1 0.902645925 0.818729009 0.726384479
0.764920253 1 0.735115107 0.732637654 0.611274074 0.725731575 1

	1.02329205	0.90169069	0.91366091	0.999022204	1	0.878197119
	0.8725168	1.146720287	0.639080407	0.910923347	1	0.818126256
	0.856400215	0.974682885	0.565796095	0.813900769	0.956181415	
YAL001C	YAL001C::TFC3::transcription factor tau (TFIIIC) subunit 138					1
	1.100601473	1.159851272	1.329307917	1.274630721	1	1.31621906
	1.290449028	1.08703862	1	1.421051963	1.330090681	1.048994941
	1.288349261	1	0.987956402	0.93028087	0.908369159	1.010362285
	0.992232175	1.469952691	1.382327355	1.083479098	1	1.147866576
	1.206105543	1.278840073	1.073192679	1.354410357	1	1.098909524
	0.924704471	1.429038683	1.076297728	0.889708573	1	0.96338698
	1.028908443	0.984500575	0.783601842	1.135602752	0.837972183	
YNL292W	YNL292W::PUS4::catalyzes formation of Psi55 (modified uridine) in mitochondrial and cytoplasmic tRNAs					1
	1.15746512	1	0.831698372	0.713066042	1.170314031	1
	0.706470864	0.58985447	0.690264383	1.016151356	1	0.411421465
	0.407830607	0.729428792	1	0.511512332	0.649412906	0.728103994
	0.812415815	0.779724323	0.668724274	0.800495949	0.830481906	1
	0.744067212	0.873465817	0.83148037	0.775428869	1.194648984	1
	1.002605148	0.859500403	0.847812056	1.13053328	0.878422799	1.143564939
YNL306W	YNL306W::MRPS18					1
	1.344617943	1	0.936346191	1.176558904	1.410283146	1.390347029
	1.03069663	1.06832524	1.751904274	1.096334937	1	0.97504471
	0.585257982	0.711773038	0.825244222	1.544849635	1.16518426	
	0.969233614	1.070827006	1	0.922215862	1.288474634	1.187694177
	1.02657644	1.17439633	1	0.991624647	1.119124582	1.231176538
	0.971216535	0.768595143	1	1.16202678	0.97476512	0.870237399
	0.779929545	1.292636749	1.247764158			
YNL308C	YNL308C::KRI1::KRRI-Interacting protein 1					1
	1.011532804	0.923930591	1.196341779	1	0.817683046	0.851273077
	1.034584156	1.105335993	1	0.772246114	0.561855743	0.540460682
	1.13100654	1	0.282352838	0.233127228	0.587809123	1
	0.681932156	0.42643685	0.647125131	1	0.687342577	0.590174782
	0.513750718	0.513298899	0.810948923	1	1.001326825	0.903823436
	0.734014973	1.671487167	1.751874364	1	0.764245258	0.699029361
	1.094527369	1.186718251	0.728642431			
YKR054C	YKR054C::DYN1::Dynein					0.956710011
					0.995326947	1.084601652
					0.921102846	
					1	1.163924008
	1.119948161	1.359910493	1.222327554	1.07190032	1	1.294925473
	1.030624889	1.210862804	1	1.013013692	1.074200269	
	1.03401696	1.017335295	1.058629408			
YNL310C	YNL310C::YNL310C::molecular_function unknown					1
	1.2014681	1.002213181	1.346028598	1	0.919188698	0.945453115
	1.635055512	1.346514705	1	1.085220301	1.038020409	1.550338142
	1.389557557	0.846951584	0.665985833	0.876065496	1	
	2.051801996	2.822105142	1.960322806	1.354529642	1	1.108365757
	1.171696754	0.867172862	0.751590531	0.815432341	1	1.15771222
	1.908335795	1.451497777	1.210892214	1.822118528	1	1.213107935
	1.301969138	1.052166999	1.162865033	1.30315469	0.991206341	
YKR056W	YKR056W::TRM2::tRNA methyltransferase					1
	0.657221186	0.910321497	1.155551986	1	0.792779629	0.707896601
	0.890699137	1.055880489	1	0.401411587	0.34964828	0.242705931
	1.01743427	1	0.204892666	0.177796917	0.165713685	0.412218491
	0.350203784	0.27579686	0.311550304	0.865928264	1	0.864257198
	0.577851148	0.774505914	0.989360916	0.988563332	1	0.719411699
	0.551359068	0.482994009	0.711832127	0.800716609	1	0.498077956
	0.658374578	0.847149231	1.171827997	0.413772852	0.593673049	

YNL312W YNL312W::RFA2::Involved in nucleotide excision repair 1
 1.176362848 1.056620341 1.015994645 1.258019652 1 1.065286324
 1.088886511 1.380234242 1.277328398 1 1.024671568 1.021946623
 1.2088926 1.275648582 1 1.117760798 0.872171936 0.753021967
 1.21943417 1 1.190052057 0.642770168 0.654431286 1.317390932 1
 1.016345545 1.343078503 1.487267398 0.923739725 0.952279104 1
 1.175314635 1.86378425 1.627439182 1.30249524 1.125049 1
 1.502584664 1.743439095 1.21293767 1.17471874 1.186767083 1.357217158
 YNL314W YNL314W::DAL82::Positive regulator of allophanate inducible genes 1
 1.221938675 1.221122207 1.119904122 1.4265435 1 1.079479989
 1.137498406 1.73472335 1.505390895 1 1.152281368 1.142468747
 1.436612844 1.327878914 1 1.06829383 0.847647281 0.962531197
 1.006670708 1 1.121075144 1.708879101 0.962686881 1
 1.096013332 1.001504852 0.861701941 0.911426159 0.931079319 1
 0.919000931 0.843336333 0.834605221 0.991500805 1.379849474 1
 0.97139612 0.969950362 0.694564099 0.986791411 1.089276219
 YKR058W YKR058W::GLG1::self-glucosylating initiator of glycogen synthesis;
 similar to mammalian glycogenin 1 0.90522205 1.267438089 0.94409264
 1.156583814 1 1.088340941 1.472799383 0.8273783 1
 1.592095163 1.500901213 1.724473814 0.938695948 1 2.559371433
 1.801303529 1.474699641 1 2.090343033 2.652340383
 1.304674636 1.181205097 1.283959377 1.108327625 0.871629934
 0.987491852 1 1.444137508 1.360036295 1.752708295 1.915594174
 2.308672422 1 1.306371629 1.196510068 1.054982776 1.418663236
 2.478268636 0.887007122
 YNL316C YNL316C::PHA2::prephenate dehydratase 1 1.454666487
 1.350332042 1.282430097 1.391545941 1 1.322908276 1.350168155
 1.51010997 1 1.024081617 1.229844837 1.352014777 1.305744134 1
 1.015207251 0.386503429 0.532272256 0.504001482
 0.220688196 1 1.0704448 0.89504649 0.897281491 1.048906327 1
 1.104531463 1.097865865 0.769706081 0.881587438 1.084320848 1
 1.03678697 0.95825509 1.221495463
 YKR060W YKR060W::YKR060W::molecular_function unknown 1 0.631319023
 0.770904289 0.795611247 1.085846152 1 0.703613103 0.614452535
 0.988642289 0.977364671 1 0.458043686 0.473363104 0.513565717
 0.976335854 1 0.452213862 0.561659163 0.617460993 1.099184461 1
 0.678895677 0.8134901 0.803403971 0.716665266 0.839968098
 0.769455259 0.657722249 0.976341855 1.042033595 1 0.920732249
 1.263963597 1.0988389 1.48228878 1 0.630379529 0.857624209
 0.498410547 1.781894915
 YNL330C YNL330C::RPD3::Transcription modifier; required for vegetative
 repression of early meiosis-specific as well as non-meiotic genes; required for
 mitotic intragenic and intergenic recombination and for sporulation 1
 1.045307501 0.999946529 0.949255861 1.082592303 1 0.968320897
 1.023961274 1.188669831 1.023280419 1 0.99812081 1.01470959
 0.936945739 0.979461484 1 1.579770607 1.037150978 1.118833453
 1.12315131 1 1.551710431 1.14146847 1.105414973 1
 1.126981639 1.222459999 1.168202238 1.057028624 0.930856604 1
 1.07172223 0.969846785 0.960802885 0.831295538 0.99417409 1
 1.106234856 1.159852881 0.990599022 0.944265373 0.916742263 0.999962573
 YBR132C "YBR132C::AGP2::The acronym may be misleading. AGP2 has been shown
 to be a carnitine permease, not a general amino acid permease with broad
 substrate specificity." 1.167260093 1.038602017 1.263504975 0.861492715
 1.070283556 1.159891386 0.942060813 1.024674529 1.347896613
 1.265029511 1.026000973 0.92220761 1 1.179841041 1.068882499
 1.25974801 1 1.083211827 1 1.147649971
 1.374606216 1.49806125 1.560203667 0.827539569 1 1.400941393

0.805029126 1.781054441 1.911863832 0.464463013 1 1.447286132
 0.905307222 1.5320421 0.650379965 2.009500828 0.380020803
 YKR074W YKR074W::YKR074W::molecular_function unknown 1 0.984819786
 1.440990797 0.930604056 1.701351621 1 0.927386642 1.217840449
 1.732620644 1.487388501 1 1.127567945 1.298085126 1.770402287
 1.191799035 1 1.122830169 0.804226592 0.979912999 0.962174043 1
 2.839560079 3.677324384 1.726871124 1 0.966713477 1.155079649
 0.981986735 0.819315544 1.17675563 1 1.38477202 2.301167825
 1.595377888 2.177602511 2.200027678 1 1.107324852 1.282028907
 1.160755108 1.847614086 1.375187825 1.510451421
 YNL332W "YNL332W::THI12::thiamine regulated gene, homologous to nmt1a in
 Schizosaccharomyces pombe; putatively involved in pyrimidine biosynthesis" 1
 1.670293889 1.575986776 1 1.458728841 1.557818038
 2.215771276 1 1.171854322 1.490814262 2.76638758 2.23642752 1
 1.670396071 2.175353816 1 1.112571552 1.947073134
 1.38244308 1.177029751 0.85029971 0.843961132 1
 0.985890402 6.118745492 1 1.688482227
 1.882019325
 YBR134W YBR134W::YBR134W::molecular_function unknown 1
 1 1.421178788 1 1.505686513
 1
 0.840275747 0.667338761 0.935506969 1.13405862 1.039209553 1
 0.587599035 0.573052809 0.604749573 1 1.089496236
 1.230632497 1.157400414 1.046650968 0.863365265
 YKR076W YKR076W::ECM4::ExtraCellular Mutant 1 0.748593928 1.13620503
 1.546996222 1.528036957 1 1.045159818 1.367686838 1.704063125
 1.808400623 1 3.056500462 4.530327167 4.868479575 2.344563978 1
 10.14436059 16.28148546 15.3798443 9.228913748 1 5.044407794
 5.538227787 8.661155132 3.660512785 1 2.188036951 5.627845569
 10.80499192 1.782344964 1.40797868 1 3.638410101 14.13990101
 20.71823055 16.40146113 2.101470942 1 3.910136279 8.091113825
 7.540751606 1.560162601 2.38568867 0.90539525
 YNL334C "YNL334C::SNO2::SNZ2 proximal ORF, stationary phase induced gene" 1
 0.824251356 0.847920453 1.043843554 1.005306597 1 0.876651009
 0.800306644 0.950326675 0.993061459 1 1.413757851 3.93286211
 12.00004449 6.254873404 1 0.761109544 0.996786478 1.59689498 1
 1.326575873 1.054865017 0.918593106 1.480804697 1 0.992712535
 1.231542731 1.280322564 1.136733937 1
 1 1.256421832 1.789775378
 YBR148W YBR148W::YSW1::Spore-specific protein 1 1.274282398
 1.186062787 1.431803172 1.240727535 1 1.442228439 1.371873579
 1.301640686 1.436882683 1 1.439324836 1.562795623 1.327545875
 1.594335366 1 1.600230529 1.72194495 2.279387957 2.18306853 1
 0.793338091 1.264773771 1.058578134 1.289558423 1 0.795149204
 0.841900874 1.135737125 0.933742009 1 0.775676836
 1.138647962 0.95885364 1 0.804563885 0.653567145 0.848305675
 0.97032936 0.660565062 1.031485049
 YKR078W YKR078W::YKR078W::molecular_function unknown 1 1.011514556
 1.167769736 0.993259138 1.28149509 1 1.05989298 0.976989789
 1.392825191 1.134034596 1 0.883058802 0.978005537 0.879190785
 1.033706992 1 0.791386302 0.525547042 0.695013743 1
 1.323694303 0.795625268 0.805454949 0.787863262 0.892117874
 0.863873479 1.15494452 1 1.027402293 0.962675119 0.656579537
 1.007878914 1 1.081086291 1.005177028 1.133232242 1.352096836
 0.962814121 1.546352012
 YBR150C YBR150C::TBS1::Probable Zn-finger protein

			0.82296047	1	1.083790329
1.049867265	1.077450017	0.989521198	1.062223297	1	1.171010982
1.07352508	1.026487148	0.851923199	0.795007987	1	1.569997387
1.247698958	1.186201498	1.091068748	1.301657609	0.901892695	
YKR080W	"YKR080W::MTD1::NAD-dependent 5,10-methylenetetrahydrofolate dehydrogenase"				
	0.836043898	0.837031246	0.793883636	1.040644012	
0.849931083	0.743604599	1.073233803	0.9292695	0.969328152	
1.244932957	0.805141986	0.779275248	1	4.30048366	2.535198493
1.473959589	1.021954754	1	3.390659267	1.725208745	1.224872694
1.472487219	1	1.080589031	1.22996431	0.87247415	1.299377263
1.727412183	1	0.74944777	1.103744615	0.52663917	1.04104965
7.716663585	1	0.750633718	0.831873941	0.910076609	2.412113585
5.348938674	1.67156625				
YBR152W	YBR152W::SPP381::Suppressor of Pre-mRNA Processing mutant				
0.715377711	0.933651886	1.245248524	0.895938732	0.938018198	
0.897011442	0.963962224	0.896990229	1.351762323	1.48758452	
0.883048088	1	2.117681733	1.326343509	1.668934821	
	1	0.707113397	0.913693626	0.812746145	0.766672649
0.931883559	1	1.030202951	0.998351341	1.237194632	1.247508943
0.882346225	0.839486159	0.679885208	1.271949141		
YKR082W	"YKR082W::NUP133::Nuclear pore complex protein involved in poly(A)+ RNA transport, nuclear pore distribution, and possibly in the biogenesis of functional tRNA"				
1	1.204561927	1.224394608	1.576934551	1.073840131	1
1.354409063	1.519179595	0.991991446	1.000447877	1	0.886893789
0.889731837	0.611657745	1.310367405	1.476115544		
1.060355567			1	0.865054234	0.702135891
0.887036239	1.065942288	1.122007235	1	1.078071873	0.619010668
0.715762824	0.871459295	0.723844308	1	0.796087657	0.592731491
0.867375703	0.789756544	0.79972699	0.517493802		
YBR154C	"YBR154C::RPB5::25-kDa RNA polymerase subunit (common to polymerases I, II and III)"				
1	1.319334712	1.41247329	1.37166799	1.85303948	1
1.293656261	1.157062084	1.607427099	1.706682291	1	0.853962308
0.881496665	1.037276669	1.314563536	1	0.538087682	0.33431263
0.393056314	0.895225715	1	0.710615595	0.592583731	0.760934926
1.110613354	1	0.816396227	0.76985714	0.659086732	0.68338752
0.959765563	1	0.836470406	0.964109355	0.97465662	0.930100117
1.617329269	1	0.851368469	0.882578358	0.916518023	1.567181231
0.970741024	1.365097829				
YKR084C	YKR084C::HBS1::Protein related to translation elongation factor EF-1alpha and to Suf12p/Sup2p/Gst1p/Sup35p				
1	0.668134514	0.73822636			
0.815720473	0.672695945	1	0.847931353	0.9043266	0.758560289
0.680081704	1	0.677667823	0.795152302	0.565087944	0.880168186
1.143017395	0.703952343	0.872786227	0.8513227	1	1.059605575
0.817504853	0.806824212	0.848767646	1	0.984535546	1.156647147
1.277777756	1.141570665	1.126637483	1	0.951445274	0.953984288
1.172832351	1.155943413	0.659109145	1	0.57007019	0.586935529
0.643187826	0.502521384	0.637279526			
YBR156C	YBR156C::SLI15::Mitotic spindle protein involved in chromosome segregation.				
1	1.257976989	1.17180141	1.236218586	1	
1.241677758	1.170533066	1.116477709	1.358434408	1	1.149658018
1.112217452	1.155685847	1.096444252	1	0.788402237	0.443162359
0.318694003	0.647120961	1	0.993427924	0.533119628	0.388913669
0.699545473	1	1.403832413	0.85656756	1.429656147	1.413436189
1.254456298	1	0.998425185	0.679957791	0.948631551	0.587549157
0.561182089	1	1.144656997	0.891978365	0.942790621	0.907182857
0.846651413	0.944798293				

YBR158W YBR158W::CST13::Chromosome STability 1 1.036646539
0.834527786 1.192129807 0.738951086 1 1.139330806 1.075394118
1.038595609 0.902998838 1 0.972803684 0.822746248 0.643415244
0.974180889 1 0.850781199 0.663816504 0.505010158 0.876931749 1
0.696319631 0.335907397 0.429760303 0.80484354 1 1.065145138
0.941881097 1.05642007 0.99131793 1.142972459 1 0.760803678
0.676965684 0.969972206 0.329796909 0.733043186 1 0.877049221
0.735370511 0.930624544 0.996986097 0.89551709 0.823962171
YBR171W "YBR171W::SEC66::glycoprotein complexed with Sec62p and Sec63p in
the Sec63 complex, an integral endoplasmic reticulum membrane protein complex
required for translocation of presecretory proteins" 1 1.486274585
1.652029738 1.305169891 2.462383138 1 1.225918506 1.203020366
1.978916619 1.700599275 1 1.080398975 1.169823201 1.688023522
1.301700493 1 0.81121771 0.303589785 0.432815183 0.843969842 1
1.415141118 1.401663438 1.3155676 1.26762703 1 1.067102867
1.151677492 0.727302363 0.806958709 1.024720209 1 1.065911177
1.383179887 1.451627183 1.076222752 1.625040056 1 0.952712658
1.30717899 0.891634474 1.719478435 0.92534341 1.338829134
YAL003W "YAL003W::EFB1::Translation elongation factor EF-1beta, GDP/GTP
exchange factor for Tef1p/Tef2p" 1 1.051904037 1.063318131 0.777705521
1.062750249 1 1.004041385 0.826516467 0.848388646 0.812597787 1
0.543083878 0.613366963 0.552605771 0.710485873 1 0.413525473
0.25068601 0.283833099 0.584736794 1 1.257430359 0.836244027
0.823856674 1.194761031 1 1.248941669 1.019310603 1.149808164
1.177985935 1.092319987 1 1.0871622 1.063876961 0.89979927
0.54475293 1.012251272 1 0.839853719 0.859571058 0.659896796
0.897245115 0.823726225 1.093654335
YBR173C YBR173C::UMP1::Involved in ubiquitin-mediated proteolysis 1
1.120395996 1.838452175 1.296358011 1.869308485 1 1.225043582
1.124875489 1.641097027 1 1.285541027 1.718674809 2.604937903
1.480687645 1 0.937313794 1.068135144 1.028870478 1.437841711 1
1.361025076 1.519002073 2.263441021 1.330542482 1 1.453133086
1.984994268 1.434754521 1.007222193 1.160507886 1 1.292722787
2.313773884 2.42230563 1.242332376 1.526880036 1 1.19064503
1.679329838 1.28644801 1.174898305 1.279073017 1.254769164
YAL005C YAL005C::SSA1::Stress-seventy subfamily A 1 1.092535197
0.820253123 1.412901233 0.634783088 1 1.513578737 1.627633253
0.687790823 0.738869418 1 1.041619384 1.10096153 1.020090543
0.567975441 1 2.530800876 3.099740488 4.460947451 2.329329072 1
0.669699732 0.445954943 0.719402098 1.302047445 1 1.340082732
1.089859983 1.632360006 1.030457419 0.890645125 1 1.550157696
0.885194029 0.731282758 0.221516513 0.218572201 1 1.243471642
0.899760252 0.627725547 0.390921979 0.737424751 0.513991299
YAL008W YAL008W::FUN14::Product of gene unknown 1 1.59081352
1.493665482 1.367929863 2.334561385 1 1.321011288 1.331192291
1.900147612 1.643311625 1 0.974772931 1.425302076 2.383961071
1.405562566 1 0.823471814 0.88076178 1.046487637 1.669062255 1
1.260686729 2.298089452 1.57112561 2.64397276 1.2359856
1.496572069 1.082059126 1.003489393 1.241063032 1 0.960968162
1.396529671 2.043483234 1.171371003 1.800144325 1 1.414477918
1.702273037 1.192839841 2.028078939 1.773736007 1.889596585
YAL010C YAL010C::MDM10::Mitochondrial outer membrane protein involved in
mitochondrial morphology and inheritance 1 0.909710553 0.923558925
1.0659943 0.862674841 1 1.092526929 1.030245552 0.968736413
0.917812248 1 1.080969362 1.042980178 0.919579486 1.116979525 1
1.226407948 1.225337311 1.258508063 1.070706193 1 0.761592198
0.876074557 0.742375705 0.829194199 1 0.899818752 1.006044311

1.055798033 1.091080504 1 1.014821328 0.808302727 0.988171475
1.14194667 0.599344885 1 0.804131847 0.760581196 1.204985128
0.795885476 1.040375477 0.969315762
YAL012W YAL012W::CYS3::catalyzes one of the two reactions involved in the
transsulfuration pathway that yields cysteine from homocysteine with the
intermediary formation of cystathionine 1 0.96152225 0.738643774
0.2495629 0.136364753 1 0.8699343 0.968201603 0.176723546
0.209905777 1 1.342203971 1.266843952 0.957792977 0.171644084 1
1.755171834 1.184790003 1.283146558 0.688887555 1 0.57961994
0.324134368 0.248635524 0.393687798 1 1.065927856 0.992589962
1.122693645 1.293037633 0.750411237 1 0.847247315 0.860567182
0.620118573 0.824892048 0.614380564 1 1.052529446 0.72610702
0.54169639 0.504076541 0.786462116 0.718011674
YAL026C "YAL026C::DRS2::P-type ATPase, potential aminophospholipid
translocase" 1 1.287389073 1.254693425 1.360299712 1.377520773 1
1.38420109 1.223559244 1.102130923 1.209216235 1 1.391628545
1.138209329 1.294605037 0.987721718 1 1.549756725 1.057920368
0.991597264 1.120905125 1 1.675403338 1.014264109 0.964386407
1.191434591 1 1.51454509 1.011335 1.351547037 1.176011377
1.071796706 1 1.331176117 0.979453569 1.254240172 0.900360886
1.085897028 1 1.444091438 1.09295751 0.681221122 1.855186781
1.632659953 1.577874488
YAL029C "YAL029C::MYO4::Required for mother-specific HO expression, needed
for the accumulation in daughter nuclei of Ash1p" 1 1.174285948
1.166917039 1.180538561 1.382190133 1 0.976803955 0.972319149
1.415410511 1.342101898 1 1.029733143 1.012701927 1.370534435
1.343214037 1 1.16986854 1.001235072 1.331124544 1
0.82959557 1.190006822 0.641396392 0.705871409 1 0.936609749
0.914055112 0.828316533 0.917861255 0.797976945 1.06489775
0.903983012 1.107527092 1.110123486 1 1.184921481 1.294044331
1.30029844 1.458859412 1.240225445 1.168082408
YAL031C YAL031C::FUN21::Function unknown now 1 0.992832178
0.961427366 1.189974026 0.829569201 1 1.134290728 1.069505301
1.113012388 0.880383706 1 1.250082856 1.228097396 1.09602064
1.140809755 0.826475819 0.810741315 0.915596018 0.581751488 1
1.352231432 1.278954945 0.898633207 1 1.143458168 1.086777899
1.096803106 1.061668536 1.031768615 1 0.84023412 0.728866001
0.811053224 1 1.041053848 1.109470169 1.21692713 0.873287218
1.402396555 0.80732532
YAL033W YAL033W::POP5::Processing Of Precursors - refer to a group of
proteins that appear to be components of both RNase P and RNase MRP 1
1.436195585 1.622921845 1.069997497 1.590874287 1 1.124007948
1.051084555 1.774674487 1.661514322 1 1.400531204 1.388167752
1.691278119 1.440205567 1 0.658918504
1 0.908403354 0.89607466 0.627213943 0.870468849
0.862200245 1 1.038239152 1.351319814 1.024719046 1.166045379
2.459821334 1 0.980281139 0.958592889 0.948729284 1.433280901
1.338019508 1.154948061
YNL336W "YNL336W::COS1::Protein with similarity to subtelomerically-encoded
proteins such as Cos5p, Ybr302p, Cos3p, Cos1p, Cos4p, Cos8p, Cos6p, Cos9p" 1
1.148764468 1.018966335 0.921571981 1.145534069 1 0.946856592
0.989244567 1.110222919 1.140199269 1 1.006674579 1.044876027
1.327307163 0.982454691 1 1.502945247 1.102007839 1.733600261
1.387436182 1 1.569837481 1.73819395 2.100803181 1.758770851 1
1.156586183 1.231789367 1.57211911 1.179310446 1.099526367 1
0.893057596 1.103456131 1.107764077 0.759042709 0.744814264 1
1.226548952 1.108223327 0.979813183 1.259852164 0.992103089 1.071763756

YNL338W YNL338W::YNL338W::molecular_function unknown 1
 1.221420388 1.097312787 1.144474874 1 1.225503014 1.021959605
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 0.514685923 0.564689329 0.677820775 0.345200031 0.743902711
 0.512040099 1 1.101440248 0.84115708 0.885101626 0.909822973
 1.207879904 1 0.870823029 0.76540607 0.66173357 0.830080209 1
 1.057278061 1.223401752 1.299701062 1.092914413 1.118470507 0.818708442
 YNR001C YNR001C::CIT1::citrate synthase. Nuclear encoded mitochondrial
 protein. 1 0.988490855 1.143608694 1.153839115 0.773265511 1
 1.24825806 1.540347673 1.011073979 0.883672428 1 0.824214154
 0.980085588 1.541611785 0.778707828 1 2.507489731 2.602024276 3.373227
 3.02661992 1 2.284122948 2.006437293 3.984804048 2.786152842 1
 0.902917855 0.974698312 1.23017755 0.975184248 0.941525027 1
 0.919848935 0.861653724 1.261011336 1.281580616 0.86125857 1
 1.280121925 0.940487022 1.182054413 1.014397308 2.47898729 1.158450512
 YKR098C YKR098C::UBP11::Ubiquitin-specific protease 1 0.856783919
 0.978656853 1.027398499 1 1.276900368 1.165248444 1.031902685
 0.910995307 1 1.041475985 1.141851712 1.22273932 0.945185347 1
 1.798690994 1.846546935 1.834039997 0.633636468
 0.419633732 1 1.107991153 1.241280565 1.040478425 0.916202957
 0.978496434 1 1.016617133 0.917656415 0.960571599 1.045672399
 1.320337908 1 1.34306675 0.91723849 1.20696007 1.304248355
 0.978071994
 YNR015W YNR015W::SMM1::Suppressor of Mitochondrial Mutation in the tRNAasp
 gene; Dihydrouridine synthase 2 1 1.197201454 1.083014163 0.808398584
 1.039886669 1 1.061622603 1.016053094 1.214613397 1.056575894 1
 1.094031657 0.752944822 0.962913885 1.029018749 1 0.777037231
 0.498500023 0.474151504 0.782871293 1 0.914970845 0.93077393
 0.571858644 0.651335451 1 0.905434676 0.751320703 0.630672956
 0.87413322 0.78383492 1 0.770179969 0.738768573 0.500403934
 0.77261583 1 0.801124883 0.849015675 0.924077807 1.05107685
 0.720325007 1.197853659
 YNR017W YNR017W::MAS6::23 kDa mitochondrial inner membrane protein 1
 0.947076048 0.970715385 0.669108189 0.458316549 1 0.85592056
 1.066591786 0.865743782 0.942270175 1 0.921236192 0.769945159
 1.244667548 0.609212183 1 0.719941879 0.617197135 0.806273698
 1.129026005 1 0.929480039 0.890744777 0.789613786 1.173910511
 1.067079038 0.899231775 1.278062376 1.240060888 1.16834067 1
 0.736594196 0.658978277 0.620582778 0.662851844 0.779063815 1
 0.89682687 0.903233963 0.626624407 0.997924496 1.132181817
 YKR100C YKR100C::YKR100C::molecular_function unknown 1 0.971718819
 1.00210964 1.058701316 1.006427479 1 1.011018984 1.066223902
 0.958311068 0.915084502 1 0.975662164 0.858993164 0.732416944
 1.013930941 1 1.043513718 0.869910455 0.95901544 0.997539585 1
 1.312925166 0.873073378 0.969585667 1.050393763 1 0.992632971
 0.922420153 1.077833209 1.037419468 1.05831495 1 1.236652057
 1.147780088 1.045549705 1.197976604 1.176660166 1 0.951132866
 1.214051898 0.916387814 1.048296998 0.793478022
 YNR019W YNR019W::ARE2::Acyl-CoA cholesterol acyltransferase (sterol-ester
 synthetase) 1 0.566749799 0.711040282 0.948116933 0.462871692 1
 0.836309152 1.214067537 0.706128307 0.641697983 1 1.201994735
 1.55330618 1.04136475 0.592242652 1 0.726969745 0.650056704
 0.996330334 0.469063981 1 1.510387442 1.15303262 0.802161929 1
 1.174909123 2.277308685 1.656232102 1.288470326 1 1.153912372
 0.796675068 0.925856816 1.54536961 0.280676523 1 0.867689002
 0.888225905 1.115963603 0.379385573 0.646374368 0.693494204

YKR102W YKR102W::FLO10::Protein with similarity to flocculation protein
Flo1p 1 1.475021148 0.994866656 1.011866355 1 1.349598031
1.148362657 1 1.354345612 1.030370612 1.713215896
0.997075118 0.473734447
1 0.911419718 1.303069296 1.174023318 0.853954659 1
1.097091289 1.032970395 0.974373368 1.146879963 0.874929358 1
0.95399543 0.906299343 1.135082725 1.275403336 1.076194197 0.954430189
YNR021W YNR021W::YNR021W::molecular_function unknown 1 0.940238422
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0.776821298 1 1.222017852 0.802854128 0.849750601 0.945065105 1
1.0239407 0.867744921 0.837649796 0.912613413 1 1.24342911
1.155034582 1.143173889 1.22150631 0.884263464 1 0.897574153
1.074008272 0.924097975 0.532468024 0.936150623 1 0.999029621
1.080906072 0.932474668 1.140584949 0.943528501 1.23200292
YKR104W YKR104W::YKR104W::not yet annotated 1 1.608359695 1.540754733
1.566494958 1 1.321420705 1 1.066521204
1.117727333 1.093312929 0.994137171
0.439202151 1 0.915430814 0.690562475 1.012546726
0.766238883 0.765787842 1 1.218467637 1.245091971 2.289561569
1 1.117708455 1.181658353 0.861505351 1.127709273 0.96595173
0.883504567
YNR023W "YNR023W::SNF12::73 kDa subunit of the SWI/SNF transcription
activation complex, homolog of Rsc6p subunit of the RSC chromatin remodeling
complex" 1 0.667298165 0.852852818 0.972713298 0.796595491 1
0.83768639 0.958950931 0.912597101 0.895000588 1 0.841692475
0.806158559 0.639694197 1.015259432 1 1.004265226 0.794093119
1.061029316 0.755893259 1 2.411932638 2.469702975 1.232442534
1.214043664 1 0.828821755 0.998298357 1.006608027 0.848771831
0.90904708 1 0.895254018 0.756534906 0.82263957 0.900940606
0.801385018 1 0.880239648 0.726628142 0.961551711 0.757961569
1.200574305 1.054251293
YKR106W YKR106W::YKR106W::not yet annotated 1 1.689960101 1.181638996
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1.279351277 1 1.252489067 1.120213619 1.172630296 1.156849251 1
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0.67256333 0.889029713 0.916916822 1 1.230476075 0.947004408
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YNR025C YNR025C::YNR025C::molecular_function unknown 1 1.10975806
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1.173489945 1.537702634 1.218673328 0.558301669 1 0.620858746
0.653591394 0.546697283 0.599885048 0.776659181 1 1.093217533
1.342020808 1.139476271 1.313398589 1.936162631 1 0.821572735
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YLL002W "YLL002W::RTT109::Regulator of Ty1 Transposition; Regulation of
mitochondrial network; Killed in Mutagen, sensitive to diepoxybutane and/or
mitomycin C" 1 0.778888833 1.008762343 0.917351269 1.056467231 1
1.002226158 1.036660912 1.060201878 0.929817013 1 0.709373703
0.852191108 0.868332851 1.129505503 1 0.642652996 0.798725116
1.033959964 1 1.407619659 1.58607376 1.272825481 1.001944228 1
0.809639709 0.721388078 0.974447653 1.009213592 1.12051321 1
1.173221432 1.055416023 0.754630944 1.07017114 1 0.810804574
0.816656835 1.04868254 0.981989033 0.823088044

YNR039C YNR039C::ZRG17::zinc-regulated gene 1 0.96675206
0.998907546 0.890330315 1 0.892144257 0.936068428 0.872064131
0.884187936 1 1.173018796 0.855065124 0.799421748 0.942876496 1
1.104804607 0.828679437 1.207057237 0.876259562 1 1.171427366
0.811009962 0.919320375 1 1.011321468 0.952434152 0.764398332
1.027455332 0.832827271 1 0.746359334 0.746734206 0.710864716
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0.871157491 0.931288483
YLL016w YLL016w::SDC25::molecular_function unknown* 1 1.560396465
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0.378652073 0.28508453 0.978060669 0.961819006 1.047708002
1.490205978 1.194176281 1 0.839841313 0.685342716 0.616080186
1.105153077 1 0.776228418 0.665027092 0.829797187 0.598810742
0.788013303 0.553394393
YLL018c "YLL018c::DPS1::Aspartyl-tRNA synthetase, cytosolic" 1
0.945802482 0.83364841 0.631680741 0.454187927 1 0.983365454
1.204055279 0.497937851 0.55436427 1 0.893627095 0.943249258
0.621541973 0.500335948 1 1.226010233 0.814089758 0.8937532
0.693786946 1 0.967564416 0.715968643 0.583039665 0.515485613 1
0.881417681 0.906910138 1.160255639 1.200979212 0.944524302 1
0.881852584 0.682894905 0.616931165 0.755402344 0.572953344 1
0.869730072 0.754696606 0.838421435 0.749100524 0.764836432 0.820459668
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0.753135576 2.084252087 1.278467215 0.654300089 1 1.141248896
1.390356402 1.263176297 1.142871115 0.925857406 1 0.780455483
1.16364384 1.047674914 0.976607118 1.100116928 1 1.240142398
1.708500623 1.260106131 1.925489924 1.842371509 1.290669756
YLL022C YLL022C::HIF1::Hat1 Interacting Factor 1 1 0.841880229
0.868353569 0.844158859 0.789943614 1 0.863330368 0.820034197
1.018074412 1.13267684 1 0.672806018 0.623940257 0.603163179
1.186990429 1 0.847333636 0.505012824 0.7348312 1
1.151229786 0.570448655 0.791629827 1 0.953087785 0.967430744
1.221970561 1.008858834 1.024135427 1 0.920481797 0.770853933
0.831586091 1.174656724 0.825892964 1 0.91784684 0.809248519
1.085848767 0.794673428 0.775843189 0.774051619
YNR041C YNR041C::COQ2::para hydroxybenzoate: polyprenyl transferase 1
0.997456001 0.937033042 0.920912827 0.635066694 1 0.950000821
0.847003882 0.891127694 0.977129965 1 0.913414535 0.85012131
0.897409429 0.625740289 1 0.934562693 0.677659767 0.965053687
0.894617715 1 1.235699134 1.344921553 0.761748237 0.817929091 1
0.901192066 0.877238853 0.940762841 1.151955764 0.743139518 1
0.584329575 0.518239086 0.497083721 0.59946397 1.010998984 1
0.739345297 0.65832893 0.966481896 0.962394963 0.902599304 0.859862762
YNR043W YNR043W::MVD1::involved in the polyisoprene biosynthesis pathway 1
1.044666383 0.804112331 0.861646522 0.82235376 1 0.927896873
0.855658334 0.76832999 0.824478954 1 0.705885356 0.692706574
0.543249966 0.545730079 1 0.738029365 0.706744602 0.653594634
0.663753521 1 0.668226598 0.540962677 0.473676573 0.647363706 1
0.910632028 0.757272496 0.834845621 1.208616791 0.592327604 1
0.543196248 0.451233727 0.454804308 0.70586734 0.889675368 1
0.86850794 0.729137371 1.154802877 1.130140557 0.899198723 0.80995221

YNR045W YNR045W::PET494::translational activator of cytochrome c oxidase 1
0.907777322 0.855720245 0.784351746 1 0.829767273 0.940964263
0.948067691 0.903750142 1 0.878408788 0.888867732 0.90384099
0.9568967 1 0.995510002 0.607004812 0.980246755 1.012950207 1
1.701173606 1.830829996 1.326724362 1.012688495 1.000885868
0.774977649 0.919396686 0.854177938 0.753058264 1 1.347773888
1 0.651594116 0.966045704 0.587750592 0.877380214
1.923745951
YNR045W YNR045W::PET494::translational activator of cytochrome c oxidase 1
1.819608376 1.492855329 1.396220284 1.736717189 1 1.314019082
1.238158661 1.508635246 1 1.485732553 1.433278909 1.702057117
0.870219462 1
0.870470446 0.978626315 1.134528967 1.008799312 0.976915919 1
1.0205919 1.075425542 1.055188308 0.991932321 0.739212277 1
0.807003924 0.944330148 0.850383121 0.836319936 0.679571087 1.04024128
YNR047W YNR047W::YNR047W::molecular_function unknown 1 1.308893397
1.515025539 1.564435296 1.505913808 1 1.37978101 1.371943623
1.68190478 1.582481081 1 1.894161005 1.87176777 2.276184029
1.510535808 1 1.049860768 1.083448704 0.982607422 0.794369412 1
0.893546251 1.287418938 0.743315061 0.929115972 1 0.871567443
0.833560377 0.9453613 0.892141955 0.912200326 1 1.065526607
0.990430608 1.217116546 1.41236476 1.018179733 1 0.923081403
1.119135093 1.179641501 0.878891615 0.81850194 0.984201335
YLL024c YLL024c::SSA2::member of 70 kDa heat shock protein family 1
1.017294137 0.81058645 1.300596777 1 1.496644331 1.530952263
0.707916323 0.759114437 1 1.01456427 1.034944855 0.930729387
0.578628176 1 5.068743755 7.507858508 3.244652829 1
0.810429325 0.54400652 0.760974601 1.256561396 1 1.064504513
0.950480618 1.378377426 0.888197731 0.665765363 1 1.978008245
1.006036278 0.526136865 0.269573471 0.216461167 1 1.191532568
0.749350505 0.584549165 0.379540172 0.886050752 0.599802442
YNR049C "YNR049C::MSO1::multicopy suppressor of sec1; small hydrophilic
protein, enriched in microsomal membrane fraction, interacts with Sec1p" 1
0.906515439 1.392508275 0.972892985 1.483082401 1 0.938129814
0.979730245 1.681535732 1.475169825 1 0.910904272 1.108188801
1.752261905 1.431449462 1 1.317430379 1.108186195 1.55894408
1.829934233 1 2.001329416 2.348819211 3.348297871 2.258771636 1
1.003559852 1.279156662 0.926247898 0.809190265 1.074709233 1
1.121601812 1.345614144 1.743561473 2.080442884 1
1.009719529 1.121028469 1.62417646 1.691705604
YLL026w "YLL026w::HSP104::involved in thermal and ethanol tolerance,
inheritance of [PSI+], and reactivation of mRNA splicing after heat shock" 1
0.710672788 1.364542089 1.708177059 0.884108094 1 1.460749709
1.842007002 1.141629478 0.82821096 1 1.295995512 2.191252178
1.91261862 1.082532417 1 6.907150166 9.323179242 9.529409949
3.710580067 1 3.566565644 3.233604977 4.671295488 3.10904172 1
1.217429161 1.888300488 1.424219718 0.653461248 0.842474529 1
3.783528732 1.764041147 0.899580098 0.676282476 0.539533124 1
3.363540584 1.665000799 0.654207099 0.759753963 1.699906369 0.974569543
YNR063W YNR063W::YNR063W::molecular_function unknown 1 0.431164892
0.099696159 0.363578274 0.306080038 1 0.423965662 0.425834796
1.043940945 0.480361463 1 49.72691111 60.46537735 108.2630534
54.22624537 1 7.8464342 15.4189653 25.02865684 13.48558922 1
0.5794752 0.65599772 0.430754661 1.198219232 1 0.795658172
1.289001454 2.859292383 2.937035941 1.677297242 1 0.805014715
1.111057513 2.358657798 2.988523789 2.25755856 1
1.099739302 0.706382101 6.722165488

YLR261C	YLR261C::VPS63	0.76093533	1.048851382	0.805065152		
	1.386220112	0.926206903	0.869918539	1.252106091	1.142381961	
	0.882522616	1.02387005	1.090272111	0.992694903	1	1.026621237
	0.68077318	1.545842965	1	2.0733722		1.064876163
	0.90891967	1.158495037	0.818634538	0.644594157	0.903714544	1
	0.855357688	1.459009121	1.288132609	1.251544514	2.046680904	1
	1.263521728	1.441785518	1.046114763	1.784308346	1.64169436	1.921994622
YNR065C	YNR065C::YSN1::Yeast Sortilin	1	1	0.952832234	0.810235437	
	1.195177047	0.749323337	1	1.056334334	1.167570142	0.929281159
	0.792750768	1	1.120997826	0.994165824	0.674773926	1.055511198
	0.746194674	0.490779549	0.871820796	0.717945557	1	1.239822609
	1.34121109	1.333707806	1.109068927	1	0.903508887	1.033279408
	1.046471386	1.038356141	1.124725373	1	0.88708422	0.677758922
	0.687985664	0.773298171	0.615392012	1	1.070514739	0.823526867
	1.15837318	0.740409565	1.122438427	0.835345293		
YLR263W	"YLR263W::RED1::Required for full chr. pairing & chr. condensation seen by in situ hybridization, axial elements, stable localization of Hop1p & synaptonemal complexes; at HIS2 required for normal levels of double strand breaks"	1	1.310515658	1.373806633	1.511596232	1
	1.402308429		1	1.031811795	1.028354034	1.063273709
	0.722694831	0.748619304	0.68996032			
	0.534869943	1	0.840780135	0.917534084	0.875297225	0.724684536
	1.021476615	1	0.801713452	0.904277626	0.867966423	1.150797087
	1.082812753	1.199658659	1.210948555	1.095685071	1.978537058	
YNR067C	YNR067C::DSE4::Daughter Specific Expression 4	1	1	0.712177962		
	0.60293135	0.774715706	0.479354009	1	0.746972402	0.793963859
	0.639047241	0.581665393	1	0.884772022	0.668755295	0.439871475
	0.582427013	1	0.751652782	0.917643158	1.186962846	0.649655422
	0.561471515	0.580013794	0.621988676	0.641383846	1	0.875783537
	0.96466438	1.152890512	1.004909293	0.924215769	1	0.692980344
	0.631947946	0.566019889	0.286417954	0.454874953	1	0.818880758
	0.805222635	0.800545189	0.669540152	0.566384539	0.805574095	
YLR265C	YLR265C::NEJ1::Nonhomologous End-Joining regulator 1; Repressed by MAT heterozygosity; Interacts with Lif1p in a yeast two-hybrid assay	1				
	0.833309024	0.879890889	0.792772685	1.105051562	1	0.85341151
	0.791466919	1.044529191	1.004412979	1	0.65355404	0.697485607
	0.806311022	0.897973835	1	0.778769042	0.519470785	0.638722966
	1.321254676	1	1.383433307	1.070350974	1.55062437	1.077700599
	0.866237056	0.883122899	0.641541693	0.673133797	0.923341782	1
	0.869285176	0.718939162	0.473960886		0.732112621	1
	0.804791656	1.055387895	0.905401733	0.973693878		1.454879375
YNR069C	YNR069C::YNR069C::molecular_function unknown	1				
	1	1.320486552	1.51817864		1	3.305022622
	2.540148067	0.683819593	1.047205824	1		1.424113456
	0.941657361		0.285220921	0.271385416	0.173941436	
	0.826272938		1.236639001	1.183826612	1	3.588313376
	0.555444604		1	2.049066849	0.599196655	
	0.831649191	0.760041607				
YLR267W	YLR267W::BOP2::bypass of PAM1	1	1	1.920791983	1.985320367	
	1.336830528	0.92489579	1	1.28819706	1.467622715	0.872367212
	2.873361742	2.580320239	1.97146511	0.708000199	1	0.862037647
	0.896514939	1.256760546	1.073793967	1	1.907545516	3.45084073
	2.199315712	1.599555466	1	1.030944616	1.344674938	1.135652554
	0.953477673	0.91390555	1	0.91851972	1.350329569	2.991358975
	1.596795937	1.218259289	1	0.812066562	1.035235484	1.088674454
	0.802619548	1.52650664	0.873872775			

YNR071C YNR071C::YNR071C::molecular_function unknown 1 1.052034159
1.105846419 0.866881273 1.069824043 1.052034159
0.758342538 1.328659501 0.935913455 1 1.718350019
1.549480579 0.292205902 0.18263851
0.969912938 1 1.042081343 0.826053156
0.985921257 0.544145947 0.994082539 1.101535006
YLR269C YLR269C::YLR269C::molecular_function unknown 1 1.12989809
1.345753756 1.118157024 1.429436809 1 1.04139462 1.06680504
1.278228584 1.148337387 1 0.970819142 1.053579531 1.419096158
1.042985508 1 0.816082062 0.462949638 0.677371761 1.06325487 1
2.335588799 1.881194228 1.617234437 1 0.862365147 0.928086936
0.63103123 0.681468416 0.827257696 1 0.978067223 1.344392783
0.984576175 1.656831372 1 0.913668966 1.297476877 1.107855963
1.375241678 1.883419725 1.184719311
YLR271W YLR271W::YLR271W::molecular_function unknown 1 1.491681686
1.427114673 1.461118682 1.847483841 1 1.436141908 1.490873168
1.770835066 1.818234057 1 1.074815759 1.464012852 1.575701344
1.439551475 1 1.342186485 1.114885609 1.845006359 1
2.032723261 2.733492552 1 0.894170021 1.230502333
0.690262087 0.928244374 1 0.888067685 1.079481859
2.149008833 1 0.947806603 1.075052256 1.234669364 2.360322857
1.112042463
YLR285W YLR285W::YLR285W::molecular_function unknown 1 1.004792317
1.010014614 0.84791625 1.07117794 1 0.910710617 0.802186273
1.211046866 0.962340461 1 0.792990432 0.763235885 0.795185031
0.87168776 1 0.612803901 0.471757652 0.372689559 0.669181775 1
1.095200946 1.057241327 1.114892419 1 0.900094124 0.924673896
0.78244174 0.832166071 0.859127272 1 0.884957175 1.050054075
0.841560454 0.69543085 1.184139825 1 1.103342441 1.155092642
0.959450328 1.315928287 1.251618273 1.056002518
YLR287C YLR287C::YLR287C::molecular_function unknown 1 1.030419878
0.912277078 1.129945596 1.226319737 1 1.120271432 0.855604241
1.192513333 1.126891153 1 0.685324629 0.708132262 0.638422809
1.070732956 1 0.679461615 0.680189017 1.36926048 1
0.615778958 0.763143238 0.738907812 0.76468745 1 0.85454139
0.919123148 0.696072953 0.680462197 0.791094404 1 1.040663535
1.255176382 0.621251066 0.738190447 1.334376595 1 1.05130933
1.126587631 1.093196215 1.274276605 0.905292859 1.116420579
YFL051C YFL051C::YFL051C::molecular_function unknown 1.064563642 1
1.02650248 2.595687885 1 0.955942677
1.287923751 1
1.189791776 3.043113765 1 1.048121951
YFL053W YFL053W::DAK2::dihydroxyacetone kinase 1 0.93359246
1 1.015486834 1.375551705 0.857510847 1 1.322125685
1.267108546 0.810672184 0.833216881 0.42254506 0.71870519
0.585877373 1 1.155312881 3.417332423 2.388730473 1.300354788 1
0.947089731 1.083049925 1.096487935 0.940463532 0.862543135 1
0.521842411 0.76396648 0.765392159 0.539920318 1 0.876782471
0.688500252 0.819732367 1.163308729 0.816957217
YFL055W YFL055W::AGP3::The acronym may be misleading. AGP3 has not been
shown to be a general amino acid permease with broad substrate specificity
1.09338287 1.072766524 0.809607384 1.09691959 1.203826624
1.043259901 1.283998149 1.547440034 1.131171882 1.105278531 1
1.594042832 0.812268834 1.823955248 1.249664496 1 1.109246439
3.018820784 1.423743392 1.203556236 1 0.967794359 1.043357791
1.574229139 1.150000819 0.828183846 0.843354497 0.8847779

1.018851068 0.791122486 1 1.069610216 1.041320481 1.063888945
0.634620035 0.910648927
YFL057C YFL057C::YFL057C::not yet annotated 1 1.501359171 1.404781294
1.28400218 1.539293573 1 1.21836968 1.12759914 1.3790421
1.593751135 1 3.067348435 3.73395915 3.205389163 1.553228659 1
5.008545069 7.17139935 1 3.501735038 5.528886959
5.544556245 1.747288068 1 1.980780472 3.84444281 4.319912133
1.197868958 0.796329472 1 8.335615745 7.220431645 5.331481814
2.401586454 1 2.442494927 5.139980168 2.700599466 1.273470816
0.897857515 1.455287036
YFL059W YFL059W::SNZ3::Snooze: stationary phase-induced gene family 1
0.966514604 1.026363915 1.076445997 1 0.868664283 0.797182809
1.42543539 1 0.93636187 1.272858937 1.357721382 1.49628032 1
0.825013924 1.192662497 1.028672081 2.311815024 1 1.513981984
3.454349321 2.613059487 2.383887175 1 1.185362194 1.213228035
1.584490101 1.261148867 1.020905604 0.869437613 1.057595615
1.509340454 2.20110693 1 0.752354592 0.971319121 1.13495024
0.219075929 1.190848653
YFL061W YFL061W::YFL061W::molecular_function unknown 1 0.911748951
0.821085623 0.806181151 1.049213868 1 0.589819324 0.770527751
1.038200624 1 8.034766826 58.86539668 217.8974798 135.3895112 1
2.22203118 6.626127922 18.31702018 21.36195538 1 0.816865246
1.141272376 1.442605926 1.733666496 1 1.057204255 1.381106299
3.96445046 3.088435463 1 1.252407479 1.709073423 1.439560531
2.680569435 1 1.019733694 1.083015609 1.128003444 1.660759239
7.724754534
YFR007W YFR007W::YFR007W::molecular_function unknown 1 0.96927785
1.009233809 1.239317492 0.873483656 1 1.059805085 1.07286068
1.133942483 1 1.016041834 1.168508782 1.178097142 1.093354363 1
1.002522922 1.003023114 0.920665621 1 1.013750753
0.720267529 1.076545583 1 1.022922255 1.194807738 0.985091953
1.117638088 1 1.11293399 0.958200286 1.242067981 1.062478611
0.718547204 1 0.988028075 0.804851916 0.992556161 0.267798826
1.236801611 1.027982598
YFR009W YFR009W::GCN20::Positive effector of the EIF-2-alpha kinase activity
of GCN2; component of a heteromeric complex that includes GCN1 and GCN20
1.108158271 0.94066364 1.375319601 0.98386384 1.276107336
1.323550357 1.044084224 1.033347673 1.122443385 1.083102259
0.661408338 1.229610225 1 0.857520737 0.665817003 0.725776403
0.399919598 1 0.854652663 0.53476103 0.517382129 0.632916115 1
0.827781272 0.83695174 0.888710822 0.949652954 0.91906998 1
0.970719518 0.704884114 0.881574993 0.691127196 0.442850863 1
0.95352949 0.74139488 0.719305602 0.55806235 0.729133102 0.575284973
YDR431W YDR431W::YDR431W::molecular_function unknown 1 1.266874289
1.196239581 1.995640209 0.720226439 1 1.68115778 1.409608832
1.011537313 1 2.343124853 2.193646659 1.626695941 1.377280185
1.619022141 0.664269431 1 1
0.832344314 0.814862399 0.915787722 0.980249579 1 1.021932057
0.564228645 0.868577884 0.875525942 1 0.744571369
0.788637471 0.142601978 0.921028305 0.736399802
YFR011C YFR011C::YFR011C::molecular_function unknown 1 0.635280932
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1.053287477 1 1.11393312 0.795356385 0.842955277 1.578276512 1
1.980172169 1.996506106 2.280668699 1.493604879 1 0.918304838
1.044953921 0.637492554 0.564060415 0.87241174 1 1.207186224

1.776705598 1.418313286 1.322325232 2.030574428 1 1.276847202
1.472566973 1.025383033 0.936624501 1.888935242 1.514829537
YDR433W YDR433W::KRE22::Killer toxin REsistant 1 1.655610699
1.568332867 1.008383754 1.092209009 1 1.613489311 1.131780643
1 1.506221497 1.26980021 0.965580427 1.19690357 1.141057771
0.481031663 0.871483863 0.525364217 1 0.861886437
0.411654426 1 1.085931387 1.041860175 0.807228491 0.993792738
0.956762411 1 0.776834457 0.927745821 0.849067613 0.533113432
0.616076281 1 0.919306861 1.032776526 0.977139653 0.90255621
1.058483457 0.756539156
YFR013W YFR013W::IOC3::Iswi One Complex 1 0.577279218 0.589620522
0.743697682 0.554097767 1 0.797380674 0.90889308 0.673045649
0.679476085 1 0.72248368 0.716609887 0.528823163 0.813289202
0.877665205 0.815536765 0.862312438 1 1.018153354 1.110072957
1.54024565 0.864521638 1 0.862248638 0.833858607 0.83767406
0.783258185 0.919321153 1 0.970147693 0.75161056 0.990105179
0.922165886 0.714809801 1 1.123373977 1.107737667 1.268295003
0.672951546 1.181366552 0.80995221
YDR435C YDR435C::PPM1::carboxy methyl transferase for protein phosphatase 2A
catalytic subunit 0.967791598 0.95660709 0.988758681
0.737333385 0.760080313 0.967679328 0.757136921 0.852519896
1.124160506 1.06514009 0.550983879 1.03717337 0.59137858
0.516890155 1 0.975656308 1.138704205 1.003716128
1.141939909 1.272612464 0.655338575 0.997961311 1
0.866888752 0.848523487 0.587277863 0.817366192 1.084898103
YDR437W YDR437W::YDR437W::molecular_function unknown 0.869288586
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0.994646386 1.004831137 0.653228412 0.92220761
1 1.031896158 1.197258706
1.188008314 1.267716481 1 0.982702622 0.738397069 1.097108957
1.295205809 0.718395814 1 0.86661883 1.272388944 0.22052917
0.837055115 0.80732532
YLR289W YLR289W::GUF1::Similar to E. coli elongation factor-type GTP-binding
protein LepA 0.648888261 1.136036372 1.029875433
0.97947897 1.156596217 1.419053553 1.122557578 1.079929086
0.933684263 1.103320578 1 0.718278554 0.580589767 0.915410257 1
1.716666273 1.869900135 1.792664044 0.812554815 1 0.942101868
1.011491217 0.892346007 0.795449753 0.999235374 1 1.350287146
1.005103631 1.203030998 1.156633898 1.163842021 1 1.580041244
1.234778681 0.490131594 1.77552355 0.775802844
YDR451C YDR451C::YHP1 1 0.812973446 0.873092211 1.105816497 1
0.861510704 0.860874048 1.002887642 1 0.822377982 0.813929466
0.751578196 1.142111386 1 0.559710273 0.597227386 0.91553477
0.64549249 1 0.949565421 1.750364335 1.373779659 1.255777486 1
0.990161082 1.029127323 1.151459497 0.947705849 0.903869713 1
0.807460485 1.150226966 1.195823745 1.129250876 1.056422299 1
0.78231305 1.180591816 1.022891778 1.048228098 0.866814627 0.885255897
YLR291C "YLR291C::GCD7::translation initiation factor eIF2b, 43 kDa subunit;
negative regulator of GCN4 expression" 1 0.859364389 0.63910845
0.65794063 0.625530085 1 0.794016323 0.739556427 0.581300009
0.641548597 1 0.743015064 0.564120229 0.643941174 1
0.547077298 0.37072882 0.596396434 0.782091081 1 0.576549326
0.61662286 0.621405887 0.611698074 1 0.848156251 0.65315014
0.911799819 0.843965713 0.786246728 1 0.966038701 0.688646188
0.664735519 0.709891848 0.616098916 1 1.039235915 0.824075804
0.834544148 0.589845467 0.645959742 0.866867768

YDR453C YDR453C::TSA2::thioredoxin peroxidase 1 1.524337156
1.644120483 1.352615674 1.810559969 1 1.101314884 1.366018869
2.293862175 1 1.720102955 2.668816942 5.762494608 1
2.679358579 5.383138782 5.593061503 1 1.754431818 3.850285678
6.434056553 2.396963934 1 1.06025254 1.151893002 1.500582602
0.894997322 0.968221327 1 0.990660389 1.95079802 2.268482792
3.105763105 1.596840023 1 1.180455005 1.412772575 1.229190226
1.052160444 0.801623192 2.006054487
YLR293C "YLR293C::GSP1::maintenance of nuclear organization; homologous to
mammalian Ran, a small nuclear GTPase of the ras superfamily" 1
1.090905284 0.883488236 0.502774253 1 0.869434307 0.755452754
0.564420446 0.676250683 1 0.987036776 0.810401424 0.780390448
0.612518391 1 1.052364912 0.635841642 0.590133375 0.852682549 1
1.182515546 0.723723178 0.712838952 0.979005445 1 1.057868101
1.101334633 1.112150606 1.223792017 0.944668202 1 0.921419636
1.110524022 0.666566003 0.679541465 0.979965857 1 0.954154423
0.774406929 0.825801734 0.904099478 0.864149837 1.307306659
YDR455C YDR455C::YDR455C::molecular_function unknown 1 1.206726649
0.809337197 1.052265051 0.920166193 1 1.117187211 1.090322019
0.639403351 0.650473169 1 1.650070806 1.189383693 0.463460592
0.965072089 1 0.767611301 0.648915017 1 0.931066149
1.034909763 0.803936665 0.911221749 1 1.401779603 1.438696746
2.199738178 1.773214216 1.10058616 1 1.307317534 0.96358732
1.422680373 1.152290839 0.352462246 1 1.223555397 0.960774337
1.170037168 0.578448146 0.816803992 0.927285829
YLR295C YLR295C::ATP14::ATP synthase subunit h 1 0.951712101
1.379709178 0.976266576 1.847319159 1 1.076768058 1.095799487
1.39719485 1.643677871 1 0.820905138 0.827575327 0.885832234
1.66845204 1 1.161516259 0.731892945 1.246830029 1
2.131030996 1.794734698 2.398649103 1 1.041206624 1.013824504
0.78014339 0.814523426 1.015326125 1 1.013277656 1.022979696
0.877640388 0.778092615 1.27236609 1 1.09666378 0.96930231
0.816087703 1.397079973 1.876827283 0.891385238
YDR457W YDR457W::TOM1::Temperature dependent Organization in Mitotic nucleus
1 1.427342514 1.200800803 1 1.246372465 1.237448917
1.019006935 1 1.21565875 1.567000455 2.069390243 1
1.01430071 1 0.873776493
1.10388054 0.808644646 0.87315606 1 0.983255919 1.394504767
0.809554166 1.065028512 1.082855672 1 0.886602103 1.410580482
1.220370767 0.960429183 0.966688872
YLR309C YLR309C::IMH1::Encodes a protein implicated in protein transport;
induced under stress conditions. 1 0.559283636 0.802404545 0.82597443
0.861271311 1 0.72074725 0.769656628 0.747197137 1
0.962558565 0.985483016 0.787133172 0.93489686 1 0.81044951
0.412267663 0.4289215 0.748064206 1 1.453395825 1.034772298
0.896601467 1.086324146 1 0.772144822 0.900570004 0.747248987
0.723120252 0.926909607 1 1.112616198 1.334313798 1.143943029
1.419580121 1.234926422 1 1.096547946 1.351373492 1.049500585
1.074576698 1.150638882 1.131306256
YDR459C YDR459C::YDR459C::molecular_function unknown 1 1.163025341
0.804834259 0.80347406 0.980210476 1 0.868976637 0.834824934
0.895579087 1 1.064301649 0.746622713 0.82882517 0.813682478 1
0.869943517 0.956319151 1.41485495 1 0.988554254 1.563354513
1.487527561 1.144792936 1 1.193154221 1.143145044 1.344463471
1.496641979 1.244599443 1 0.901872254 1.315561922 1.378602513
1.139793357 1.143465215 1 0.866741873 0.77098227 0.822913136
0.762818132 0.737623347 1.068261305

YLR311C YLR311C::YLR311C::molecular_function unknown 1
1.457118094 1.524495237 1 1.436230037 1.734594066
1.515734203 1 1.102399433 2.014847178 1.562715883
0.290494632 0.918715113
1.04557557 1.0335635 0.944432653 1 0.675934416
1.809290297 1 1.433333486 0.727903088
1.019226366
YDR461W YDR461W::MFA1::a-factor mating pheromone precursor
0.994031792 0.867366512 0.816030702 0.821589764 0.928810947
0.80536687 0.898195846 0.911752042 0.958224112 0.895774956 1
1.377705067 1.30300176 0.960308704 1.145410498 1 1.944865577
2.030751845 1.606690977 1 1.090984935 1.02040984 1.026561311
1.338384747 1.15058971 1 1.075097688 1.105408729 0.760454744
0.75762255 0.838473983 1 0.931588535 0.830499522 0.88791058
0.654704525 0.966994234 0.766171
YLR313C YLR313C::SPH1::SPa2-Homolog; protein involved in shmoo formation and
required for bipolar bud site selection (GB:AF008236). 1 0.689058955
0.743818152 1.126506444 1 0.776977237 0.870242765 1.097125904
1 0.638033182 0.538040408 0.553554751 0.813611854 1 0.413535442
0.341163793 0.991599942 0.628363462 1
0.676758933 0.780414088 1.06123803 1.197977845 1 1.147253125
0.842194233 1.416914642 1.635301046 0.868508227 1 1.047420054
0.714482593 1.220632244 0.41397658 0.891385238
YLR315W YLR315W::NKP2::Non-essential Kinetochore Protein
1.113083429 1.108069903 0.938124479 0.624582233 0.967371702
0.98524867 0.698264473 0.733503401 1.192370075 0.981561348
0.660239787 0.658859576 1 1.137425279 0.78363914 0.909305647 1
1.121161668 1.070449579 1.124450435 1 1.184755292 1.03753261
0.813644129 0.908544042 0.981017127 1 0.955661356 1.215943982
1.006828081 0.786913638 1 0.810599053 0.879230434 0.424734364
0.931457788 0.877375225
YLR317W YLR317W::KRE34::Killer toxin REsistant 1 1.392483818
0.838990736 1.100782305 1 1.049832767 1.079484615 1.134576225
1.026144096 1 1.147087674 1.036088534 0.553383909 0.911339388
0.552845287 0.552386741 0.310936839 1
0.987731367 1.019592251 1.042245409 0.888065852 0.960756495 1
0.976925969 1.046702392 1.225449485 0.980676576 1.409636869 1
1.211298757 1.215294887 1.05446939 0.924337707 1.342281917 1.025355707
YLR319C YLR319C::BUD6::actin interacting rotein 1 0.75927555
0.774990932 0.888452184 0.683330625 1 0.857068506 0.834330602
0.722595191 1 0.865378369 0.842849493 0.722375613 0.887305863 1
0.854236864 0.488425503 1.030121976 0.669738809 1 1.288692172
1.200828984 0.850964519 1.087328643 1 0.945842195 0.824121558
1.048443917 0.955240736 0.972688688 1 1.167643221 1.060110563
1.107855162 0.884662644 0.853461195 1 0.906679625 0.994321746
0.973501799 0.475271466 0.919561776 0.922907714
YFR015C YFR015C::GSY1::Highly similar to GSY2. GSY2 is the predominantly
expressed glycogen synthase 1 1.760250673 0.658131039 1
1.745077875 1.867878769 0.56907787 1 1.25531737 1.456273214
1.465599191 0.670780885 1 2.960203532 2.138013607 1.220124659 1
4.272208511 1.975031843 3.084332898 1.975784525 1 1.231783846
1.502844394 2.157626142 1.396768501 1.668319713 1 1.164903209
0.554654641 2.060722995 1.048711361 1.329429992 1 2.876575962
1.103158165 1.617689143 1.85630128 4.409397598 0.773176006
YFR017C YFR017C::YFR017C::molecular_function unknown 1 1.228679867
1.785286344 0.72335062 1 1.256122114 1.611453808
0.947593955 1 2.158195499 2.768412648 7.172798975 1

	3.775421715	3.863159673	5.764750184	4.029622023	1	5.222953829
	6.102055613	2.883317004	1	1.089042388	1.344949999	1.059261247
	0.966731229	1	1.160837369	1.482483124	3.074547104	2.046050713
	3.466300131	1	1.396940267	1.314833204	1.254429961	0.918380558
	2.700930045	1.273157293				
YFR032C	YFR032C::YFR032C::molecular_function	unknown			1	1.530605033
	1.820579299	1.474713855	1.467895568	1	1.611836635	1.412317578
	1.513774384	1.634141525	1	1.42394392	1.536410987	1.687764393
	1.270942792	1	1.332165697	1.635133686	2.509969229	1.508340774
	1.089295064	2.834023903	1.062302555	1.003743353	1	0.802437207
	1.190201207	1.178209156	0.762396005	1.134249412	1	1.036181052
	1.267170171	1.32329264	1.058690293	0.948800549	1	1.086284873
	0.879157003	1.106297118		0.986828225		
YFR034C	YFR034C::PHO4::Transcription factor that activates expression of phosphate pathway					
	1	1.884003013	1.904320411	1.737362985	1.68873676	1
	1.762123753	1.708654639	1.687056104	1.600183087	1	1.376972655
	1.732096951	2.022180286	1.464077225	1	1.776828583	1.415724483
	1	0.988312465		1	0.786288607	0.629156838
	1.070471384	0.920883345	1.075801416	1	0.75345886	0.422253377
	0.480361126	0.927325505	0.506646202	1	0.841595511	0.460064858
	1.000901031	0.669004815	0.782694894	0.514866912		
YFR036W	"YFR036W::CDC26::component of anaphase-promoting complex; required for ubiquitination of Clb2p and Clb3p, is a nuclear protein, and is induced by heat shock"					
	1	0.940108029	1.298703702	1.114203965	1.516410551	1
	1.076510429	1.201683231	1.384950607	1.473428919	1	0.960222967
	1.061728488	1.425270806	1.278825885	1	0.80680896	0.812968203
	1.36460274	1.409634962	1	0.902174267	2.014102125	1.679102717
	0.974743329	1	0.997426105	0.818009733	0.839009392	0.730290928
	0.920375108	1	1.021568001	1.308977976		1.725802897
	0.78476163	0.910366392	1.171628129	1.17001276		0.988579451
YFR038W	YFR038W::YFR038W::helicase				1	0.594427166
	0.777638022	0.695988397	1	0.787399723	0.678937098	0.648476087
	0.657419629	0.539948319	0.369068402	0.790653904	1	0.848997284
	0.65991948	0.870269997	1	0.848092731	1.072686302	1.067885065
	1.171336148	1	0.883122459	0.891043473	0.728498483	0.798159946
	0.91913905	1	1.188592868	0.776019018	0.960686134	1.120198691
	0.919190759	1	0.899031015	0.848845353	1.03432477	0.897497298
	0.929726829	0.647086156				
YFR040W	YFR040W::SAP155::155 kDa SIT4 protein phosphatase-associated protein					
	1	1.160680429	1.213597823	1.492524484	1.23044166	1
	1.333708654		1.056308721	1	1.195230288	1.468543256
	1.155351131	1	1.097789227	0.889977447	0.870054873	0.709180037
	1.114631579		0.752383039	1	1.09584367	1.072934874
	1.0125411	0.85597895	1.067871652	1	1.500596356	1.33720139
	2.011062261	1.007803515	0.782604865	1	1.567960913	1.49636915
	0.962372911	1.138599873	1.267540819	0.87299711		
YDR475C	YDR475C::JIP4::Jumonji Interacting Protein					0.821268424
	0.975967018	1.046584644	0.797859733		1.24947123	1.470733483
	0.727308277		1.519096309	1.682827706	0.633362767	1.205135407
	1.174563559		1.561139579	0.889818473	1	1.400340363
	2.152868302		0.875347209	1.144058471	0.984057501	0.896838387
	1.080308439	1	2.266000027	1.13403781	1.825617714	2.059847324
	1.006072011	1	0.939651131	0.727909155	0.946761942	0.395171137
	0.77050189	0.575284973				
YFR054C	YFR054C::YFR054C::molecular_function	unknown			1	1.384713627
	1.374216623		1.833224308	1	1.273239195	1.508634082
	1.703423939	1	1.267880083	1.385241304	1.47711695	1.334441029

	0.426069841	0.589447941		0.872361475	1		0.713271848	3.049693775	
	0.952506234	0.978481261						1	
	1.099573691				1				
YFR056C	YFR056C::YFR056C::molecular_function unknown						1	1.161569923	
	1.197729036	1.505522682	1.414300922	1		1.514737444	1.432893923		
	1.721981107	1	1.226197166	1.077287141	0.798522692	1.634965292	1		
	0.565183957		0.253567066		1	1.760287006			
	1.571857586	1	0.692223557		0.861240662	0.990723517	1.162858948	1	
	0.730144914	0.806958775	1.366549107	2.020349203	0.695724229	1			
	0.982761472		1.637347144		1.062230381	0.72501668			
YDR477W	"YDR477W::SNF1::Required for release from glucose repression, invertase expression, and sporulation. Required for expression of catabolite-repressed genes when glucose is limiting."								
					1		0.795769694		
	0.7677953	0.555253485	1	0.928422498	0.977667046	0.696394308			
	0.532218369	1	1.080423907	1.106248665	0.813905471	0.620415901	1		
	1.682373754	1.693108595	1.728413296	0.933617727	1	1.016586824			
	0.984973106	1.308039477	0.870726362	1	0.982371213	0.997917853			
	0.842797515	0.939127286	1		0.546015028	0.919076564	0.772326816		
	0.444630071	1	0.775160162	0.695838098	0.991376727	0.400063133			
	0.919833461	0.804698482							
YDR479C	YDR479C::YDR479C::molecular_function unknown						1	0.807082494	
	0.75714664	0.721632859	0.549922069	1	0.818052029	0.807882742			
	0.622947841	0.581642568	1	1.091941018	1.086873736	1.206677004			
	0.680533643	1	1.62154806	1.437753001	1.454358495	1.137078138	1		
	1.750765918	1.296582755	1.977360333	1.115169185		1.094469289			
	0.994953454	1.081048873	0.923985924	1.047774867	1	1.025005697			
	1.017033932	1.265658118	1.027986005	0.924058702	1	1.167775114			
	1.117155142	1.008102043	0.744353858	1.064509246	0.985077				
YDR481C	YDR481C::PHO8::repressible alkaline phosphatase						0.781867233		
	0.79489498	0.863208729	0.725416026		0.882620679	0.855937117			
	0.95652809		1.136910998	0.868385636	1.117149061	0.858573328	1		
	1.410657485	1.746049547	1.452292874	1.06611741	1	1.255920684			
	1.364697877	1.13772522	0.77174964		1.002027182	0.909356166			
	0.813312437	0.849330168	0.921467736	1		1.00846297			
	1.014413158	0.95829245	1	0.979818181	1.098337447	0.817783018			
	1.324008845	0.625423174	0.875624						
YDR481C	YDR481C::PHO8::repressible alkaline phosphatase						0.709864318		
	0.634156299	1.079028127	0.521620578	0.631535545	1	1.247993778			
	1.627806401	1.209959957	0.820464108	1	0.64556087	0.757506374			
	0.518470224	0.734839676	0.181185538	0.953554524					
YLR333C	YLR333C::RPS25B::Homology to rat S25; belongs to the S25E family of ribosomal proteins								
		1	1.217003709	1.229469707	0.683245584	1.686346956	1		
	0.759141622	0.780108464	1.34737258	1.322116673	1	0.871399979			
	0.917630092	1.101722669	0.877230825	1	0.718851381	0.359645879			
	0.435225661	0.663152703	1	2.031786623	1.953636435	1.269566051			
	1.155077194	1	0.946997525	0.967129999	0.754080666	1.016278448			
	1.246530879	1	1.339033471	1.705228452	1.204038353	0.899268877			
	1.982005175	1	0.941090976	2.014716892	0.846051675	1.61906161			
	1.000370905	1.8011585							
YDR483W	YDR483W::KRE2::N-glycosylation						1	0.944047788	0.691350679
	0.809533267	0.732248587	1	0.784006007	0.782052768	0.783511477			
	0.877548797	1	0.805103116	0.739622632	0.648102985	0.875341041	1		
	1.454427159	0.882486771	1.725441811	1.039478133	1	0.950786585			
	0.77344815	1.018609041	1.177150431	1	0.778338224	0.748763838			
	1.051242583	1.166159323	0.913416283	1	0.934419394	0.640402195			

0.681657189 0.725301542 0.454945328 1 0.700322799 0.563051826
 0.69046128 0.719781663 0.533789099 0.633076143
 YLR335W YLR335W::NUP2::Localizes to discrete spots in the nuclear envelope;
 probably functions in transport through nuclear pore 1 1.191601803
 1.0602607 1.095804961 1.080534147 1 1.180604435 1.128912068
 0.964140905 1.00784382 1 1.175635227 1.06379363 0.798789268
 1.260449012 1 0.980221489 1.030122037 0.422276046 1
 0.891954789 0.974723087 1 0.959370044 1.028429478
 1.209295796 1.161613572 1.178416319 1 0.789786805 0.676912958
 0.809271924 0.965212482 0.471205322 1 0.585326355 0.77369809
 0.888106303 0.766545924 0.940015881 0.614688067
 YDR485C YDR485C::VPS72 1 0.724279926 0.824709685 0.82290411 1
 0.820843371 0.90376092 0.865350677 1 0.962011511 0.978384091
 0.886748101 1.075190521 1 0.749513413 0.359335276 0.861946802
 0.618806819 0.99745137 0.423982244 1 1.022413162
 1.360019511 1.10224295 1.240016319 1.401387849 1 1.170925529
 0.911865763 0.97531037 1.511682892 0.876983212 1 0.875057182
 0.884074883 0.930544188 0.655387176 1.026304783 0.42818013
 YDR499W YDR499W::LCD1::required for the DNA integrity checkpoint pathways; S.
 pombe Rad26 functional homolog (putative) 1 0.585008864 0.637524517
 0.683284721 1 0.607239082 0.723087091 0.643758826 1
 0.610476573 0.672174145 0.472383762 0.752099042 1 0.573573993
 0.310009117 0.748510342 0.860114345 1 1.145696681 1.868735731
 1.78173117 2.765554182 1 0.932167279 1.026400554 0.893537894
 0.984436735 1.081449989 1 1.105582201 1.26692499 0.971958556
 1.05596751 1 0.948121236 0.97824046 1.210290173 0.902700679
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 YLR339C YLR339C::YLR339C::molecular_function unknown 1 0.97798076
 0.508041599 0.368692708 0.276754451 1 0.786111728 0.67641657
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 0.316161631 1 0.61842339 0.20736391 0.325713116 1
 0.63346726 0.136657327 0.155431925 0.542254794 1 0.933301864
 0.810224398 1.51066548 2.216611666 1.178040696 1 0.760161123
 0.61566621 0.564939414 0.404552464 0.301823707 1 1.083061363
 0.641461558 0.959339048 0.693109936 0.818809206 0.896639019
 YDR501W YDR501W::PLM2::Plasmid Maintenance 1 1.085339427 0.979032838
 0.930292378 1 0.881614379 1.097343502 0.909774542 1
 0.85690111 0.843899541 0.813253287 1.026668142 1 0.713348681
 0.801349001 0.841087242 1 4.048321649 2.709716092 1
 0.840469784 1.438861252 1.420775593 1.116591384 0.932361256 1
 1.399227935 1.305745827 2.574070394 2.038301274 0.612995497 1
 1.497646659 1.189941984 0.856372689 0.7656897 0.769499072 0.908022036
 YLR341W YLR341W::SPO77::Sporulation 1 1.050512501 0.948439733
 0.903723033 1.018726101 1 0.908727737 0.913831973 0.896341234 1
 0.825148706 0.720325762 1.081017547 1 0.592360155
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 0.583016267 1 0.747881983 0.782303141 0.785808734 0.939673747
 0.785364131 1 0.563607677 0.631946779 1
 0.766439977 0.788538705 0.870352372 0.567538164 1.085584816 1.469297049
 YDR503C YDR503C::LPP1::Lipid phosphate phosphatase 0.959172554
 0.919026105 0.878862771 1.026938505 0.843877448 0.946805271
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YLR343W YLR343W::YLR343W::molecular_function unknown 1 1.270277262
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YDR505C YDR505C::PSP1::high-copy suppressor of cdc17 DNA polymerase alpha
mutations 1 1.259159357 1.015062342 0.930320678 1 1.052212623
0.938686363 1.002353029 1 1.063882884 1.122855149 0.871232238
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1 1.026486468 1.060387898 0.946900811 0.772595273 1.010452594 1
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0.883993617 0.956507412 0.897806271 0.762560701 0.954430189
YLR357W "YLR357W::RSC2::RSC2 is a member of RSC complex, which Remodels the
Structure of Chromatin. Also essential for the 2-micron plasmid to overcome
maternal inheritance bias." 0.943165809 0.961162371 1.367492613
0.81352321 1.159877429 1.35430505 0.907611303 0.937942718
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0.850117701 0.786310354
YLR359W YLR359W::ADE13::Adenylosuccinate Lyase 1 0.925185259
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0.675428595 0.592015748 1 1.249852617 1.170712345 0.419900653
0.623436516 1 2.181067593 2.143173782 0.944271586 0.380916334 1
2.141935856 1.006629875 0.745829996 0.712906675 1 1.047369623
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0.485187852 1.032543933 2.776293712 0.779305347
YLR361C YLR361C::DCR2::Dose-Dependent Cell cycle Regulator 1
1.341066286 1.010545165 1.380714355 1.046627824 1 1.394720515
1.183100911 1.258961015 0.986870197 1 1.533857689 1.600107801
0.940119539 1.36195227 1 1.278806382 1.108528511 0.92411894
1.026138388 1 1.538959975 1.460071591 1.4943378 1.409859955 1
1.198094601 1.51069801 1.312365743 1.117259801 1 1.100899602
0.964143772 1.23958545 0.991310206 0.575520208 1 0.795527459
0.816736273 0.898412226 0.569066208 0.68792117 0.93078828
YLR363C YLR363C::NMD4::putative Upflp-interacting protein
1.285463664 0.922442583 1.056647962 1.133646095 1.041226097
1.051151593 1.107689236 1.062161771 0.991080804 0.851884582
0.992694903 1 0.395631314 0.395662287 0.652925986 0.824039176 1
1.000562206 2.310338675 1.087647531 1 1.15394072 1.24894108
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1.016679653 1.009430343 1.120487373 1 1.044323898 1.191510912
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YDR236C YDR236C::FMN1::Riboflavin kinase 1 1.319345817 1.325807799
0.99795454 1.541159335 1 1.048305495 1.10721214 1.442469591 1
1.167874629 1.306589709 1.657155742 1.049004044 1 1.18274187
1.034005619 0.811680034 1.730083909 0.604202666 0.95384079
0.815367739 0.456596266 0.932410205 1.057540794 0.993150438
0.917199011 0.978880058 1 0.952173798 1.086041284 1.499935854
0.920327239 1.365300457 1 1.051543771 1.07714788 0.981275013
1.719397037 0.972343858 1.225873579

YDR238C YDR238C::SEC26::Involved in endoplasmic-to-Golgi protein trafficking
1 0.848341009 0.782917852 1.068114765 0.725305325 1 1.015399971
0.983141614 0.666731769 0.725062935 1 0.913187406 0.845704076
0.409595186 0.787174848 1 0.949971674 0.816371841 0.673769334
0.669999698 1 0.611968398 0.360581849 0.365019954 0.642151491 1
1.179622008 1.125975479 1.144901662 1.264368858 1.104389123 1
1.173490904 0.506733755 1.186969964 0.757922201 0.284023196 1
1.064030622 0.699250266 1.03269254 0.650216558 0.826719219 0.470210088
YDR240C YDR240C::SNU56::Snurp = Small nuclear ribonucleoprotein particle of
MW 56 kDa. Associated with the U1 snRNP; no counterpart in mammalian U1 snRNP.
Serine-rich. 1 0.941784365 0.815604921 1.024252647 0.971244605 1
0.95676409 0.982749515 0.958340151 1.034429968 1 0.742376617
0.811170413 0.646056638 1.033830586 1.301032826 1
0.824399834 1 0.929803334 0.81675477
0.931466732 1.085718547 0.918854624 1.205310726 1.029935544
1.357668269 1 0.884413662 0.933274781 1.084634864 1.038977241
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0.733416672 1 0.809380541 0.556513599 0.757238075 0.594556295 1
0.541116549 0.442152931 0.496755361 0.383202328 1 0.973341474
0.86038001 1.216272555 1.295113487 1.167600374 1 0.749977418
0.355221835 0.941947163 1.00589975 0.29440191 1 0.679016272
0.437667394 0.951002243 0.575157072 0.654935876 0.671603625
YGL001C "YGL001C::ERG26::one of three enzymatic activities required for the
conversion of 4,4-dimethylzymosterol to zymosterol." 1 1.109186943
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1.425816102 1.007845039 1.146421498 1.242069462 1 0.886046763
0.948306891 1.121205933 1.690949986 1.210678026 1 0.845134619
0.651639741 0.805932018 1.241331595 1.153512992 1 0.894488471
0.696242262 0.990133913 0.994452725 1.146201134 0.950927634
YHR139CA YHR139CA::YHR139C-A::molecular_function unknown 1 1.525313689
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4.740678561 0.193251715
1.087621743 0.869778938 0.83756025 0.993793852 1.200874355 1
1.03775653 1.118720561 1.142370515 1.146368977 1.051215004 1
1.166175592 1.021222705 0.809340543 1.32945567 0.89060161 1.554232579
YGL003C YGL003C::CDH1::CDC20 homolog 1 1 0.701697587 0.744952788
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0.647745108 1 0.813454402 0.861016666 0.67215564 0.815764829 1
0.534748893 0.406320741 0.871533824 0.909790035 1 0.791470441
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1.166878273 1.005828805 0.985825319 1 0.942871633 0.805892732
0.867517828 0.769893019 0.504575736 1 1.080004576 0.799482552
0.832779911 0.870656257 0.870033129 0.942171402
YGL005C YGL005C::COG7::<u>C</u>onserved <u>O</u>ligomeric
<u>G</u>olgi complex <u>7</u>
 Complexed with Cog8p 1
0.724785838 0.915387975 0.83129048 1.1790663 1 0.843995746
0.792579261 1.055754791 0.920075472 1 0.724447376 0.97786712
1.099767452 0.881106815 1 0.860233913 0.614710938 1.102796079 1
1.101359672 2.851705083 3.44759703 1.154502326 1 1.069204438
1.199706469 0.925403367 0.88805936 1.161918288 1 1.16737058

	1.368404675	1.58561069	1.045823486	1.575768364	1	1.435630688
	1.532727056		1.586096025	1.46911893	1.317814116	
YML009C	YML009C::MRPL39::Mitochondrial ribosomal protein MRPL39 (YmL39)					1
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	1.353349551	2.548312037	2.010852901	1	1.141897526	1.281584354
	1.870576491	1.374982058	1	0.866283807	0.546803055	0.650536497
	1.609538208	1	1.723808799	2.96081477	3.20496942	1.675825658
	0.926236965	1.127739206	0.541590682	0.66313551	0.993544863	1
	1.137722314	2.002084266	1.506722403	1.095354143	2.345663211	1
	1.28438555	1.907690588	1.138801842	2.042311003	1.990312836	1.253893604
YGL007W	YGL007W::YGL007W::molecular_function unknown					1
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	0.756660589	0.874137628	1.0113823	0.818399096	0.82598443	1
	0.848082498	0.89066815	0.899048974	0.759445647	0.73745935	1
	1.053250346	0.932575444		1.306230368	0.822210945	
YML036W	YML036W::YML036W::molecular_function unknown					1
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	1.347922542	1	1.085562774	1.103464309	1.563378868	1.138696913
	1.00540886	0.647417917	0.586556494	1.044829382		0.621665154
	0.485948895	1	1.023502594	0.97062404	0.751102367	0.910919017
	0.893999386	1	1.063826822	1.201592849	1.119927758	0.934556689
	1.202285864	1	1.062049827	1.29619892	0.922170681	1.278387663
	1.058644099	1.25652039				
YMR201C	YMR201C::RAD14::Involved in nucleotide excision repair					1
	0.983314512	1.099136994	1.065305066	1.260823046	1	0.896758427
	0.970347094		1.127921656	1	1.007724896	0.958494069
	1.094761056	1	0.863846334	0.539695829	0.845152103	1.14720379
	0.619333685	0.640739502	0.822637042	0.597923713	1	0.937173563
	1.016296881	0.917384165	0.882442522	1.177611488	1	0.993497909
	1.010198002	0.978932399	1.140004797	0.956024907	1	1.005831122
	1.098337447	0.830160273	1.091359669	0.845867411	1.14969428	
YGL021W	YGL021W::ALK1					1
	1.118850396	1	1.179131877	1.102665902	0.805507773	0.896965666
	0.888462486	0.894739691	0.752481725	1.006300696	1	1.270556687
	0.655914713	1.02758478		1	0.9587372	1.004615162
	0.563376116	1	0.870867517	0.890589477	0.876927368	1.154256724
	1.005335876	1	0.798092093	0.399308343	0.474367173	0.512756377
	0.607016198	1	0.819217986	0.550747718		0.888040313
	0.635703034					
YGL023C	YGL023C::PIB2::Phosphatidylinositol 3-phosphate binding					1
	0.616290549	0.716379743	0.602498795		1	0.791541035
	0.54037403	0.545131922	1	0.754684465	0.703925001	0.717762611
	0.65334531	1		0.663026559	0.883719456	1.02806174
	1.110234272	1.602433686	1.273189569		1	0.842705012
	0.918639869	0.871096621	0.919833665	1	1.332906876	1.092377386
	1.299639433	1.167981235	0.884740556	1	0.987214086	0.882526571
	1.032543933	0.878403074	0.761792884			
YGL025C	"YGL025C::PGD1::Probable transcription factor, polyglutamine domain protein"					1
	0.9798328	1.068028323	0.875765915	0.901708376	1	1.044729819
	1.018394861	1.086605184	0.92136412		0.948399654	0.450275156
	0.815536765	1.15112528	1	1.216649626	1.378341015	1.240507342
	0.731670065	1	0.904549615	1.179177395	0.832174958	0.824961757
	1.027006986	1	0.885712749	1.032965413	0.860464776	0.911682457

1.01770259 1 0.905142549 0.702443989 0.709613977 1.03705289
0.8969817 0.854609034
YGL027C "YGL027C::CWH41::Glucosidase I, involved in assembly of cell wall
beta 1,6 glucan; an ER type II integral membrane N-glycoprotein" 1
0.782681085 0.82731676 1.131680408 0.962532772 1 0.933530044
1.113490765 0.784265865 0.844880494 1 0.946520669 0.933430574
0.574955651 1.049028596 1 1.017241364 0.787205973 0.939006749
0.763469877 1 0.987350545 1.01770148 0.805479123 0.863414691 1
1.005411239 1.08878685 1.310399652 1.222763836 1.134008976 1
1.120799492 0.959013933 1.796471014 1.159438487 0.571425161 1
0.91862251 0.857318265 1.096545176 0.792000901 0.894448834 0.719762951
YGL029W YGL029W::CGR1::Coiled-coil growth-regulated. May contribute to
compartmentalization of nucleolar constituents. 1 0.599060879 0.939805726
0.787687151 1.221345777 1 0.641214464 0.658720142 1.309263156 1
0.58861566 0.483343583 0.689953184 0.856696068 1 0.317046557
0.228473461 0.390482217 0.469952333 1 0.68131041 1.778482798
1.359680583 0.890719295 1 0.640767937 0.520145966 0.338372695
0.435133856 0.860055307 1 0.766625133 0.997381112 0.85510747
1.994908461 2.298076399 1 0.640607142 0.906020078 1.403972835
1.001713903
YDR507C YDR507C::GIN4::Growth inhibitory gene 1 1.226873153
1.494469604 1 1.121842626 1.278067171 1
1.120768107
1 0.972909512 0.84747822 1.042386282 1.209282179 1.181212041 1
0.656320528 0.763694588 0.745781444 0.983018322 0.717872397 1
0.411468285 0.394286709 0.49421133 0.573635518 0.578593248 0.949176408
YGL031C YGL031C::RPL24A::Homology to rat L24 1 1.231899764
1.69958218 1.053444732 2.523459985 1 1.243296188 1.063823957
1.754438669 1 1.127491771 1.00092182 0.928822783 1.074703045 1
0.633651191 0.33717943 0.142748852 0.47415996 1 1.356661504
0.880716742 0.521473472 0.840869299 1 1.522740767 1.097534258
0.870724145 1.159946174 1.359183223 1 1.44131183 1.450373398
1.529245242 0.711959112 1.824567265 1 1.352334837 1.397312069
0.885833995 1.981273673 1.036766114 1.874711012
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0.622517814 1 0.723733685 0.788629242 0.931186442 0.999603616 1
1.291102534 0.88313454 0.924930496 1.033194821 1 0.461783062
0.744396354 0.643192097 0.858111537
YDR523C "YDR523C::SPS1::dispensable for mitosis, involved in middle/late
stage of meiosis, required for spore wall formation"
1.046069019 1.145612407 1.129991713
0.526739498 1
0.737254638 0.645201078 0.903287173 1
1 0.821012669 0.439572034 0.565653128
YDR525W YDR525W::API2::<i>API</i>cal 2 0.83817005
0.935888216 1.183573513 0.970969692 1.293180495 1.066801388
0.793305847 1 0.791884285 0.719735876 0.476180897
0.570207784 1 1.292249138 0.793664277 1 0.909313205
0.928241603 1.407112401 1 0.475735749
0.850675427 0.900358688 1 0.534470418 0.803195553
0.920875991 0.436936387
YLR365W YLR365W::YLR365W::molecular_function unknown
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	0.936975258	0.749206424	1.055845382	1	0.839769082
	1.025016987	1.346920838	1.220283665	1.910002157	1 0.795850954
YDR527W	YDR527W::YDR527W::molecular_function unknown				1 0.687124872
	0.730660232	0.849106786	0.856279538	1 0.671606008	0.663424678
	0.845673271	0.861199321	1 0.681872774	0.703367793	0.523260522
	1.029682772	0.831129394	0.535801184	1.241894993	1
	0.711620775	0.717964888	1.389212034	1 0.750124723	0.6958188
	0.789375366	0.765701236	0.984166548	1 1.012709476	0.906472684
	0.989605561	1.414281999	1.656761924	1 0.696130595	0.934858124
	1.087571143	0.814379845	0.816523232	0.779305347	
YLR367W	YLR367W::RPS22B::Homology to rat S15a				1 1.095174744
	0.954234664	0.615314049	0.835756358	1 0.851446342	0.756917005
	0.972546468	0.918725161	1 0.880935218	0.769339205	0.66443069
	0.751952005	1 0.737808275	0.207035023	0.521696032	1
	1.497555301	0.912482888	0.665112133	0.990270216	1 1.647608825
	1.40653359	1.515014628	1.670500667	1.621239489	1 0.89338203
	1.298480629	0.710263965	0.538641538	1.214994682	1 1.185990862
	1.183891002	0.68753102	1.258141743	0.69152188	1.313436
YDR529C	YDR529C::QCR7::ubiquinol-cytochrome c oxidoreductase subunit 7 (14 kDa)				1 1.139586771
	1.162878051	1.674799942	1 0.907832145	0.824897972	1.79457723
	1.089129494	1 0.929699852	0.522320174	0.732140721	1.514315041
	1.592087435	1.270970221	2.8173222	1.940705078	1 0.633284542
	0.307212204	0.203564467	0.571998608	0.714367918	1 0.547318699
	0.427217072	0.206147234	0.501744355	1.955626022	1 0.446781213
	0.246106321	0.543674189	1.09483195	2.011170913	1.069136866
YLR381W	YLR381W::CTF3::kinetochore-related protein				1.415980021
	0.923167785	0.909256712	0.944137842		
	0.988618231	1.078586392			
	1 0.951964057	0.945131208	0.888386808		
	1.039017626	1 0.810367672	0.959570497	0.891210346	0.823019362
	1.173750715	1 0.82400911	0.872744195	0.649475356	0.842496528
YDR531W	YDR531W::YDR531W::molecular_function unknown				1 0.947374164
	0.85082899	0.796198101	0.716588068	1 0.766652985	0.824992909
	0.895987825	0.830955224	1 0.881541063	0.88375135	0.681317321
	0.771965902	1 1.10172141	0.912421169	1.043614501	1
	1.798594378	1.77676604	2.292812268	2.016407895	1 1.066283381
	0.998275157	1.267104607	0.986300971	0.937730611	1 1.026519911
	1.290850818	0.862280705	0.792987023	0.83347609	1 1.134191608
	0.97150457	0.85903833	1.110648635	0.683103819	1.114669354
YLR383W	"YLR383W::RHC18::Protein involved in recombination repair, homologous to S. pombe rad18. Structural maintenance of chromosomes (SMC) protein."				1.05337062
	0.871751201	0.91333202	1.137154437	1.05337062	
	0.984321892	1.085201389	1.021559617	0.95528908	1.00067454
	0.896944005	0.528191823	1.715188703	1 0.863025329	0.289067332
	0.678607304	0.50175597	1	1.227250403	
	1.17385853	1.17674854	1.23104653	1.242092509	1 0.924787228
	1.224540059	0.863328321	0.885205701	1.060468853	1 1.34811127
	1.550599539	1.070707739	1.736329793	1.241492639	0.551643116
YDR533C	YDR533C::YDR533C::molecular_function unknown				1 1.072847502
	1.163468889	1.248180091	1.526129334	1 1.071785957	1.293385996
	2.320033978	3.128398586	1 4.29930518	9.22201035	12.36150102
	5.088110071	1 5.140651745	10.00038287	13.98494877	11.97416114
	5.878180672	8.971358947	20.49735908	9.661397523	1 2.48249553
	5.119678481	8.275146628	2.739840601	1.507647877	1 3.193833997

7.778389014 9.556329261 4.265301779 1.67449545 1 4.312998674
6.525863489 6.4739171 2.029787278 1.81175706 6.362283804
YLR385C YLR385C::YLR385C::molecular_function unknown 0.983798344
0.923581386 0.725416026 1.326845395 0.848732813
1.094713847 0.963580201 0.488460603 1.459672654 1 0.218303743
0.715168237 0.508912112 1 0.94509641 3.067949009 1.292264089
1.153125035 1 0.833073567 0.79588963 0.838579883 0.963113873
0.976891203 1 0.848276374 0.447450458 1.286735255 0.613901909 1
0.460590387 0.465497116 0.872289293 0.361168813 0.695007477 0.419423898
YEL002c YEL002c::WBP1::wheat germ agglutinin-binding protein 1
0.889376502 0.708185548 0.91195267 0.704001577 1 0.889970586
0.920352662 0.940150698 0.844587587 1 0.941974185 0.886278778
0.768608775 0.915532923 1 1.277992013 0.930589793 1.126162353
0.757180199 1 1.012384474 0.544599971 0.541984661 0.72577777 1
0.899367394 0.989304812 1.279146748 1.148332393 0.925477941 1
0.988472163 0.828247334 0.972999621 1.039119378 0.461170388 1
1.153684004 0.829193449 1.083245997 0.66288316 0.882689636 0.633076143
YLR387C YLR387C::YLR387C::molecular_function unknown 1 0.817333388
0.864626178 0.911641798 0.768667567 1 0.845238753 0.833925905
1.018166407 0.899220662 1 0.968841555 1.087263066 1.131757426
0.920289244 1 1.756724817 1.649011226 1.54294577 1
2.2473761 1.37943626 1.455814322 1 1.132926137 1.312311377
1.485704563 1.07024153 1.11614396 1 1.516004224 1.648200701
1.277175088 1.002917869 0.763093639 1 0.973623108 1.15979042
0.883485239 1.014893574 0.718416648 1.062131964
YEL004w "YEL004w::YEA4::Shows sequence similarity to GOG5, a gene involved
in vanadate resistance" 1 1.114655454 0.941449572 1.047608243 0.946186288 1
0.971240668 0.956225124 1.214348609 1.015438604 1 1.191098947
1.073034279 1.112737239 1.05511415 1 1.123442272 0.656473344
1.351037571 2.099151968 1 1.678344384 3.402805309 3.080814464
1.21087862 1 1.507885939 1.331926325 1.102188234 1.036554836 1
1.04758078 1.406640062 1.524663237 1.196153496 1.546399576 1
1.541049886 1.338889383 0.95908234 1.356441906 1.105913122
YLR389C YLR389C::STE23::involved in a-factor processing 1 0.699468473
0.603564448 0.86040111 0.507470325 1 0.852702433 0.86859172
0.614129479 0.595085744 1 0.932390304 0.744938466 0.488071802
0.841798647 1 1.026402772 1.025000322 0.561028394 1
0.8277341 0.658621315 0.684688538 0.679209983 1 0.959343767
0.946231637 1.500092108 1.439556939 0.994221838 1 0.887015926
0.680841831 1.012764518 0.934479378 0.385080595 1 0.950075406
0.958920116 1.291369779 0.788748867 0.902931984 0.457951354
YLR391W YLR391W 1 1.921948598 1.436498121 0.884942694 1.06676204 1
1.352131327 1.195465798 1.011004282 0.972613205 1 1.765159587
1.353316304 1.92060399 1.032656849 1 1.069526539 0.969304704
1.328913474 0.941625336 1 0.632463958 0.996494592 0.790882626
0.644305948 1 1.2166597 0.980000709 1.225066077 0.543628877 1
0.741956781 0.852147415 0.723738962 0.652361911 0.78187002 1
0.647888383 0.770867545 0.538408558 0.689184063 0.780490525 1.077893097
YLR405W YLR405W::YLR405W::molecular_function unknown 1 0.889975501
0.816004388 0.811699557 0.890057843 1 0.757548506 0.731121259
0.889215876 0.983864899 1 0.546651311 0.575667023 0.571024723
0.814944679 1 0.318145318 0.415304254 0.52461342 1
1.075693984 0.949871451 0.78828104 1.137140707 1 0.962126578
0.919331181 0.982112189 0.990669503 1.028928045 1 0.728396654
0.731888229 0.640472962 0.751475576 0.796938732 1 0.848304241
0.853533049 1.067107232 1.227544448 0.877061186 0.996460122

YLR407W YLR407W::YLR407W::molecular_function unknown 1 0.948534754
1.015037684 1.039254868 1.089103674 1 0.927419977 0.920352662
1.575101653 1.348715793 1 0.680485791 0.663844679 0.831459223
1.238467363 1 0.411348642 0.435707434 0.838255172 1
0.908884703 0.871774931 1.231778048 1 0.656243605
1.05545218 0.995524247 1 0.697622485 0.543304152 0.841885232
0.704001153 1 0.666217356 0.742577324 0.842691173 0.724341222
0.78900575 0.618190518
YGL045W YGL045W::YGL045W::molecular_function unknown 1 0.948886345
0.974513566 1.089562645 1.212525033 1 1.055212531 1.251766491
1.068844061 1 1.091323042 0.935458347 1.132913584 1.325863152 1
0.900103409 0.543824037 1.143688906 1.204616085 1 1.128060709
1.743865406 1.684527962 1.49987885 1.116153241 1.131172804
0.895868844 1 0.972272991 1.327557461 1.520062552 1.222319705
1.253110891 1 1.031420775 1.131414485 0.551655067 1.785917998
0.904519585
YGL047W YGL047W::YGL047W::molecular_function unknown 1 1.080642727
1.674337495 1.282701763 1.441012167 1 1.319881822 1.563650665
1.776714382 1 1.316409413 2.147170086 2.810292881 1.212707565 1
1.473103697 1.034375089 1.144316031 1.702682072 0.569277654
1.022052138 0.951060502 0.565309659 1 1.387463212 1.707548135
1.5211172 0.916654718 1.111569732 1 1.611766743 2.465231956
2.712602963 1.122649925 1.129882687 1 1.649930556 2.006446818
1.121898171 1.32755647 1.329936119 1.966651549
YGL049C YGL049C::TIF4632::also called eIF4 (eIF-4) gamma 1
0.959180934 0.923339028 0.892711051 0.802841434 1 1.054843578
0.926312469 0.771301962 0.745276346 1 0.919570564 0.993681702
0.828658591 1.371875363 0.896859506 1.183496626 1
1.180208259 1 0.94233123 1.013850184 0.847095705
0.821738144 0.905938024 1 1.272757606 0.921731486 1.132108766
1.169211745 0.83665122 1 1.050900678 0.983364127 1.081820395
1.005704168 1.041045149 0.859862762
YGL051W YGL051W::YGL051W::molecular_function unknown 1 1.088191772
1.038319406 1.035733198 1.293414948 1 1.099820078 1.011282031
1.240662992 1.189287183 1 1.074959553 1.260196173 1.511228474
1.208015155 1 1.360968554 0.965958073 1.267146887 1.820368738 1
1.504620572 1.965752683 2.1896696 1.003614051 1 1.313162876
1.533151622 1.27478008 1.127939324 1.277116102 1 0.994422846
1.424946493 1.484116273 1.024059721 1.015203339 1 1.198328925
1.145794677 0.743636822 1.179572848 1.187120413 1.426391451
YGL053W YGL053W::PRM8::pheromone-regulated membrane protein 1
1.077111479 1.115818367 1.003121752 1.204192289 1 1.094295765
1.003797993 1.033247484 1.223692474 1 1.115282045 1.288058531
1.776850772 1.259998055 1 1.695504679 1.510881428 1.965171758
2.482273635 1 1.750425553 2.391237325 3.106018718 1.786502003 1
1.229763552 1.359364907 1.096498984 1.02758003 1.313721604 1
1.155670246 1.62609382 2.121025291 1.135324289 1.060236505 1
1.534412741 1.44678148 0.952659737 1.429040745 1.147347346 1.36597339
YGL055W YGL055W::OLE1::delta-9-fatty acid desaturase 1 0.913508432
0.437321126 0.928325601 0.869918184 1 0.95032815 0.662215298
0.642117936 1.08673246 1 0.509276453 0.568648173 0.266554374
1.281971402 1 0.475346675 0.198037018 0.2147825 0.707754291 1
0.304098703 0.082849963 0.087586784 0.395352572 1 0.767405226
0.704852448 1.445821878 2.811172631 1.37620101 1 0.85636201
0.797909668 1.028502262 0.991160079 1.253566405 1 0.554790426
0.562711442 0.288207936 1.852047974 0.200563634 0.630449305

YGL069C YGL069C::YGL069C::molecular_function unknown 1 1.101606417
1.160472482 1.440126335 1.57708238 1 1.241931198 1.295915955
1.590125738 1.5706971 1 0.806546002 1.04495127 1.06128417
1.01877364 1 0.905251626 0.755991561 0.776334186 1.134427845 1
1.146026487 0.64035138 0.94598138 1.222372893 1 1.370050938
1.45437108 1.265006949 1.298542406 1.18044216 1 1.166868265
1.314320761 0.904672644 0.599690833 1.118636356 1 1.308409226
1.310357265 0.901653316 1.509102719 1.482466523 1.399247195
YGL071W YGL071W::RCS1::Involved in iron homeostasis and affects cell size
regulation 1 0.828294863 0.823261289 0.944057497 1.039218436 1
0.993492208 1.004567932 0.782477406 0.927368758 1 1.224808347
1.220322928 0.490647148 0.947200343 1.085214864 0.647116788
0.774652351 0.816927581 1 1.109318956 0.718681654 0.43442644
0.940147075 1 1.252879479 1.358982084 1.277673099 0.894997306
1.145364586 1 0.973681262 1.154205446 0.954053042 1.091308359
0.786590428 1 0.985839023 1.129992219 0.988580211 0.975861255
0.729555331 1.235505476
YGL073W YGL073W::HSF1::heat shock transcription factor 1 0.930659496
0.966189743 0.841941358 0.978187214 1 0.989069236 1.049285918
0.861118205 0.850189308 1 1.086158244 0.879906599 0.940835311 1
0.929520295 0.665401746 0.826127395 0.940066838 1 1.238567686
1.643887996 1.042914796 0.992538895 1 1.449531006 1.159792707
1.151644355 1.129993719 1.021478726 1 1.113408608 0.970988868
1.103463937 0.764577159 0.752144643 1 1.114662657 1.101976934
0.888042346 1.014541923 0.639831505 1.512202646
YEL006w YEL006w::YEL006W::molecular_function unknown 1 1.459616581
1.191693973 1.339886634 1.013082611 1 1.305901638 1.280859446
1.134098678 1.12591334 1 1.345407108 1.203487581 0.870866669
1.122730097 1 0.717166486 1.038436987
0.821707953 0.646693181 0.747716361
2.196580021 1 0.987150111 1.028865027
YEL006w YEL006w::YEL006W::molecular_function unknown
1 1.141689281
1.232823402 1.363732789 1.197027907 1.171462594 1 0.907742587
0.823781935 0.737951951 0.725908925 0.580147662 1 1.070357063
0.896861832 1.112044465 0.887028023 0.801008998 1.143564939
YGL075C "YGL075C::MPS2::Monopolar spindle two, encodes a membrane protein
localized at the nuclear envelope and the spindle pole body throughout the cell
cycle. The protein is approximately 45 kDa, and contains a coiled-coil motif and
a hydrophobic domain." 1 0.827088239 1.019965756 1.212868721 1.182704889 1
1.062683546 1.037309584 1.15163823 1 0.905837896 0.954696971
0.951251446 1.253848629 0.496071621 0.51547894 0.884394761
0.602380953 1 0.655388209 0.888912651 0.872882563 1
0.868071452 0.809304768 1 1.120044775 0.922144407
1.014741903 0.910849667 0.748276294 1 1.154261551 0.949582445
1.180183224 0.910589943 1.160303073 0.870370271
YEL008w YEL008w::YEL008W::molecular_function unknown 1
1.278236956 1.044295832 1.09294253 1 1
1.395795403
1 1.136761677 1.233522676 0.750036631
0.868956548 0.916974711 0.955837434 0.79244515
1.54149 0.86114602 1.599765067
YEL010w YEL010w::YEL010W::molecular_function unknown
0.982547597 1.357873623
1 1.975974503 4.015070957 1

	1.246442809		1.124339375	0.976475842		0.799586088
	1		0.745605541	0.548140614		1.366849055
YEL012w	YEL012w::UBC8::Ubiquitin-conjugating enzyme that is able to ubiquitinate histones in vitro					
	1		1.674779249	1.249797107		
	1.850608794	1	1.144358955	1.219168496	1.614869734	1.404171172
	1.70743929	2.157324385	3.082813245	1.646710295	1	2.395627438
	1.993811901	1.70849291	2.277566079	1	5.038077229	6.571520006
	5.909080991	2.221969238	1	1.495137873	2.680953897	1.1053247
	0.576413748	1.196393759	1	1.982410888	4.142398862	5.613483672
	3.367367197	2.711464859	1	2.121114127	1.37848208	1.331438272
	2.29560719					
YLR409C	YLR409C::UTP21::Protein required for cell viability					
	1					
	0.902156156	0.695190364	1.082251688	0.600640412	1	0.991070781
	0.787781116	0.971829544	0.873315633	1	0.623108462	0.570393688
	0.375209448	0.968012792	1	0.391594383	1.135378635	0.855156002
	0.342466682	1	0.548263032	0.386334733	0.175771163	0.425254821
	1.343956514	1.34203625	1.272909702	1.521589925	1.649192419	1
	0.904803773	0.329195538	0.612165549	1.179225446	0.308590798	1
	0.440486235	0.353198935	0.404207282	0.236128407	0.371480701	0.361632701
YEL025c	YEL025c::SRI1::Swi/SNF and RSC interacting protein					
	1					
	1.051445111	0.865144133	1.070758035	1	1.16626319	1.159499424
	0.90791008	0.718215292	1	1.237490138	1.049776751	0.48462412
	1.032540245	1.538473545		1.128625421	1	1.244575574
	0.897815289			0.935834012	1.274021124	1.402946111
	1.348232685	1	0.878016376	0.425122867	0.684433947	0.882158753
	0.390832463	1	0.684244551	0.437665719	0.975009572	0.513174344
	0.771465002	0.575284973				
YLR411W	YLR411W::CTR3::integral membrane protein that functions in high affinity copper transport					
	0.945628424	0.967995327				1.106234965
	0.813609205	0.817196227	1.094059978		0.947626768	0.973099658
	1.219982939	1.220799262	1	0.901288499	0.80883535	0.794011211
	1.190132197	1	1.249866592	2.042117976	1.826903447	1.325521593
	1.014900853	0.934354374	0.939488673	0.912403031	1.175367754	1
	0.954150529	1.309528123	1.0368779	1.004615841	1	0.909354712
	0.879039878	1.025784221	1.456083431			
YEL027w	YEL027w::CUP5::vacuolar ATPase V0 domain subunit c (17 kDa)					
	1					
	2.338160814	1.723837701	1.286909555	2.600742057	1	1.319613421
	1.146032934	1.916304305	1.714423181	1	1.265676903	1.269993353
	1.564406612	1.313755215		0.613341825	0.423209454	0.617570045
	0.766041517	1	1.560820248	1.655244025	1.484687969	1.180542027
	1.452073329	1.342677118	0.951533019	1.577699339	1.172864277	1
	1.00526091	1.29828263	0.948642344	0.489994389	1.053624997	1
	1.078249625	1.272830572	0.766174875	1.839395248	1.057143532	1.840561646
YLR413W	YLR413W::YLR413W::molecular_function unknown					
	1					
	0.433620432	0.752841243	0.467249038	1	0.76355558	0.721322332
	0.492319888	1	0.87956899	0.416519733	0.238735376	0.601175096
	0.36021972		0.171206095	0.133873873	1	0.056526875
	0.078964901	0.126369765	1	1.074519541		1.676086416
	0.626463173	1	1.004663804	0.673493312	0.877121456	0.65045232
	0.402928013	1	0.794034951	0.790286852	0.708745291	0.564195945
	0.195340847	0.523623143				
YEL029c	YEL029c::BUD16					
	1					
	1.094069066	1	0.95211794	0.908804961	1.185445078	1.115056149
	1.034302243	0.940767715	0.767848982	1.082769765	1	0.548784746
	0.376730737	0.370355356	0.931894528	1	1.367431635	1.174722567
	1.310376543	1	1.050750796	0.916322204	0.998419474	0.954400605

0.897940607 0.872897783 0.784148465 0.74986854 0.905995947 1
 1.002625842 0.812524266 0.877835593 1.18856021 0.884350082 0.974569543
 YLR415C YLR415C::YLR415C::molecular_function unknown 1
 1.296094363 1.212553688 1 1.37161467 1.479445278
 1.347073361 1 1.357973749 1.521307137 1.182008936 1.542236271 1
 2.048682175 0.803063391 1 0.676392961 0.525559722 1
 1.053110046 1.019886832 1.043586913 1.496556041 1.204153526 1
 0.860270766 0.686207588 0.908135526 0.944562068 1 0.658115919
 0.82170329 0.82975266 0.61952636 0.854074293 0.414170143
 YEL031w YEL031w::SPF1::Sensitivity to a killer toxin (SMK toxin) produced by
 Pichia Farinosa 1 1.58624109 1.317538684 1
 1.496014678 1.230608491 1 1.380762957 1.5727065 1.439503701

 1.195215626 0.909985248 1 1
 1.195172504 0.804698482
 YLR429W "YLR429W::CRN1::coronin, an actin-binding protein originally
 identified in Dictyostelium" 1 0.66719512 0.777428288 0.950528728
 0.603486453 1 0.838497085 0.889423511 0.936782162 0.779829225 1
 0.750553485 0.891108669 0.622536536 0.938775874 1 0.695828986
 0.704523613 0.614398546 0.84146526 1 1.355978594 0.84737196
 0.991370762 1.295373384 1 0.964370863 1.068972218 1.015901652
 1.010681969 1.015997887 1 0.983297566 0.883437535 1.062576116
 0.897236084 0.716436154 1 1.079330338 0.968126258 1.035288831
 0.764596738 1.078225294 0.996460122
 YEL033w YEL033w::YEL033W::molecular_function unknown 1 1.383107125
 1.581023885 0.768964601 1.547111175 1 0.879397179 0.79661765
 1.495460352 1.193731294 1 0.834303932 0.832943191 1.79032249
 0.716328115 1 1.09165064 0.835010332 1.20473796 1.260375616 1
 0.73350567 1.782956186 1.123395684 0.596436062 1 0.468122943
 0.361610531 0.239662237 0.50310497 0.530807509 1 0.6087741
 0.736026315 0.288086343 0.543417449 1.862228063 1 0.715096394
 0.829669979 0.979968951 2.927942488 1.240051961 1.20660989
 YLR431C YLR431C::YLR431C::molecular_function unknown 1
 1 1 1.609609413 1
 0.699988935 0.40957517 0.701874498 1.241971742 1 1.836259077
 5.135725347 3.983559012 1.506713604 1 0.939442097 1.132605551
 0.917176939 0.855816072 1.014613104 1 1.447091247 1.690404424
 1 1.306324494 1.782150406 1.000838238
 YEL035c YEL035c::UTR5::Product of gene unknown 1.096681733
 1.110333239
 1.113110458 1 1.698816419 1.579156639 0.79279772
 1 1.030664869 1.101067041
 0.791984402 1.045714631 0.986385665
 1.140938049
 YLR433C YLR433C::CNA1::calmodulin binding protein homologous to mammalian
 calcineurin 1 1.695618802 1.571680694 1.731869878 1.234097264 1
 1.723365933 1.842455527 1.445338184 1 1.593661369 1.49134971
 1.041994897 1.782458897 1 0.733216006 0.464425165 0.675097589
 0.741682322 1 0.812631875 0.57509777 0.591886938 0.558177422 1
 0.759994756 0.843034214 0.955585049 1.110642312 0.80647489 1
 0.848374136 0.524507207 0.696275612 0.893080974 0.671160948 1
 0.890590597 0.88937493 0.599703495 0.929721648 0.649712994
 YLR435W YLR435W::YLR435W::molecular_function unknown 1 0.889168548
 0.942347216 0.831868578 1.333094626 1 0.723814513 0.718146073
 1.139141525 1.212213865 1 0.733352762 0.652413561 0.7296579
 1.010757297 1 0.371123903 0.399399984 0.43945928 0.708554544 1
 0.688597122 1.335557927 0.670681976 0.645093585 1 0.75340064

	0.727279313	0.525486974	0.748962151	0.828247434	1	0.984638764
	1.04620717	0.693481368	2.420139834	1	0.881293803	0.909618136
	0.914786915	1.47972082	0.712174419			
YLR437C	YLR437C::YLR437C::molecular_function	unknown		1	1.185096868	
	1.157934037	0.8797699	0.975598035	1	0.964215997	0.8957943
	1.120097878	1.050073317	1	1.205331473	1.032678063	1.424573492
	1.025649696	1	1.160407336	1.064239725	1.080546419	1.070284838
	1.233069239	1.683190004	1.462750114	0.980126293	1	0.853920986
	0.715603958	0.832828519	0.968522609	0.883977423	1	0.932925621
	0.854178838	0.858910066	0.699468791	1.296474441	1	1.262422389
	1.116611512	1.244032352	1.290115057	1.169087556	1.125176811	
YLR439W	YLR439W::MRPL4::essential for mitochondrial function and for proper cell growth under non-respiratory conditions			1	0.672190878	0.810015981
	0.495969757	0.514530876	1	0.74835465	0.881434139	0.705082859
	0.604871819	1	0.9247818	0.901547533	1.169319167	0.549871949
	0.795540471	0.835972444	0.732244319	1.012897876	1	0.86791933
	2.0485623	1.65220519	1.616512532	1	0.983834715	0.686425229
	0.88774248	0.855944327	0.93852006	1	1.077890553	1.053489085
	0.947481541	0.798729281	1.23831818	1	0.766987202	0.750479208
	0.573340607	1.422070329				
YGL077C	YGL077C::HNM1::choline transport protein; may also control uptake of nitrogen mustard			1	1.308908297	0.734881026
	1.291973165	1.175659034	0.743020173	0.927432359	1	0.771137267
	0.59916229	0.46061406	0.634925668	1	0.697474202	0.384790988
	0.588310051	0.450459626	1	0.39909017	0.183846081	0.185344938
	0.379020479	1	0.678103159	0.508409551	0.52595576	1.392635192
	0.971046588	1	0.312205419	0.203449121	0.261422159	0.317076672
	0.2718129	1	0.429314743	0.244035931	0.569914826	0.587742125
	0.701284395	0.900141469				
YGL079W	YGL079W::YGL079W::molecular_function	unknown		1	1.829026167	
	1.26264334	1.133290239	1.99364385	1	1.162198925	1.082334752
	1.45128335	1.732549173	1	0.97703374	1.146793365	1.468685241
	1.19584685	1.180588856	1.01860818	1.665215548	1	1.063678511
	1.511333287	1.298480425	1	1.095781282	1.072240223	0.71241638
	0.75509526	0.99543104	1	0.909830002	1.218378832	1.183908721
	1.022203621	1.462136788	1	1.171934611	1.423174841	0.903474887
	1.654596399	1.154306981	3.609322318			
YGL093W	YGL093W::SPC105::Spindle Pole Component of molecular weight 105kDa			1	1.182477304	1.485111652
	1.493952674	1.186253823	1	1.264552599	1.58531556	1.063630824
	1.519308917	1	0.997197584	0.783749692	1	0.810419494
	0.831059926	0.539300201	0.595842061	1	1.004298486	1.128270561
	0.881840268	0.890898363	1.023173992	1	1.02068695	0.848067364
	1.010352472	0.767206825	0.638967285	1	1.218325819	1.080539366
	1.219169156	1.136528117	1.046971731			
YGL095C	YGL095C::VPS45::Protein of the Sec1p family essential for vacuolar protein sorting			1	1.294403844	1.461281847
	1.444992116	1.254872036	1.325303046	1.287215527	1	1.202198138
	1.597591091	1.008066192	1.399977749	1	0.959466598	0.835580425
	0.736228739	1	1.121322142	1.162001496	1.462607871	1
	1.112981017	1.309974042	1.149693327	1.020091608	1.282963152	1
	1.082409707	1.22238515	1.299403016	1.229888578	1.072955234	1
	1.041643575	0.971983779	1.007736037	0.921914241	1.104344383	1.400998421
YGL097W	YGL097W::SRM1::Gdp/GTP exchange factor for Gsp1p/Gsp2p			1		
	1.008155173	0.869362831	1.164384995	0.876492553	1	1.105939593
	1.027653394	0.954097767	1.134284046	1	0.869371366	0.805320585
	0.628451862	1.174267655	1	1.008004737	0.523682426	0.756341924

0.89399254 1 0.894442159 0.602276032 0.551051445 0.631067161 1
0.925944401 0.835560316 0.838361424 1.011966817 0.817287927 1
0.941907831 0.731824261 0.674895986 0.741344752 0.546732255 1
0.854722571 0.671426037 0.747715389 0.648462608 0.609280472 1.019226366
YGL099W YGL099W::LSG1::Killer toxin REsistant 1 0.877138338
0.7264818 0.842242526 0.798858264 1 0.945560588 0.788873731
0.755299755 0.786789675 1 0.694305703 0.535781774 0.36420012
0.796730899 1 0.540811817 0.394061341 0.48600543 1
0.755425175 0.509168603 0.243154234 0.836522605 1 0.909910644
0.753790149 0.840222939 1.059604801 0.857181262 1 1.000651284
0.694512274 0.658576179 0.806932531 0.885224881 1 0.79118626
0.680718978 0.896750764 0.987927804 0.510749338 0.940420177
YGL101W YGL101W::YGL101W::molecular_function unknown 1 1.263237144
1.324954175 1.093284488 1.7015646 1 1.182385053 1.084286413
1.293962432 1.311947807 1 0.889786395 1.055330523 0.851444364
0.823762814 1 1.118164964 0.676226558 0.664251083 0.7896966
0.989541978 0.801763032 0.528232299 0.651193241 1 0.847153845
0.937861442 0.85125478 0.983274563 0.927979625 1 0.633908192
0.529281344 0.40977879 0.565526118 0.922062358 1 0.710448136
0.665943648 0.932890071 1.341137141 1.433157442 1.45003336
YGL103W "YGL103W::RPL28::Homology to rat, mouse L27a. May be involved in
peptidyl transferase activity." 1 0.936531149 0.853043267 0.815700682
1.209129731 1 0.967153565 0.787618841 1.044292404 0.996364281 1
0.626700125 0.702068097 0.512943285 0.726362544 1 0.866752852
0.444910283 0.267450507 0.607997727 1 1.413182997 0.648858075
0.443123661 0.962888141 1 1.181193481 1.028194752 1.022684191
1.243316886 1.238414302 1 1.054492127 1.344322775 0.949750396
0.70649169 1.384264588 1 1.272923997 1.366435621 1.140587126
1.887848091 1.229797153 1.660183128
YGL117W YGL117W::YGL117W::molecular_function unknown 1 2.044673655
1.847077999 0.900222942 0.83979804 1 1.299681401 1.045211703
0.962710826 0.782643539 1 5.093483197 2.313001833 0.598452285
0.565613246 1 2.580025245 1.373012909 0.672745371 0.690566346 1
2.834553071 1.814361345 0.666742112 0.982410979 1 1.254013352
1.15791858 1.059207908 0.95758711 1.243270018 1 1.786340788
1.268121485 1.767080068 1.251117656 1.352641357 1 2.648769417
1.439739911 2.136049948 1.66795564 1.475695922 1.238132366
YEL049w YEL049w::PAU2::member of the seripauperin protein/gene family (see
Gene_class PAU) 1 1.276499197 1.408711923 1.093339837 1.451733812 1
1.092938283 1.08533679 1.4516799 1.452386103 1 1.29606336
1.361349131 2.142452462 1.298946336 1 1.595750668 1.319213841
1.727464123 1.656124882 1 1.286247609 2.141500746 1.596393153
0.760719788 1 1.112981017 1.345877883 1.07537422 1.014212782 1
1.06817154 1.632322709 1.280627991 1.373552241 1.672181229 1
1.000649673 1.2972697 1.322726645 1.609384141 1.23117905 1.608521299
YGL119W "YGL119W::ABC1::multicopy suppressor of a cytochrome b mRNA
translation defect, essential for the electron transfer in the bc1 complex" 1
0.9842955 1.002835445 1.152228717 1.120899346 1 1.153115134
1.137578752 1.040779971 1 1.007709329 1.009587116 0.682371816
1.03430549 1 0.609078233 0.313780198 0.298240411 0.484400372 1
1.206887259 0.712277399 0.507711707 0.8859221 1 0.984872162
1.103444964 1.225581895 1.062585164 1 1.09301743 1.004272449
1.052053471 0.912150995 1.002911064 1 1.069432497 1.031464414
0.859865024
YEL051w YEL051w::VMA8::vacuolar ATPase V1 domain subunit D 1
0.883944148 1.063574051 0.930813559 1.495328497 1 0.888999012
0.898781889 1.312607283 1.263955179 1 0.795810742 1.042069957

1.083706869	1.100157001	1	1.44367488	1.051574572	0.876134694
1.476772288	1	2.043385348	1.624143209	1.834252239	1.311368139
0.830463392	1.021623473	0.802360044	0.814747733	1.041782276	1
1.086487777	1.494011134	1.129944902	0.970006469	1.431076096	1
1.415054313	1.531347952	1.13417216	1.560779431	1.198173526	1.619028756
YEL053c	YEL053c::MAK10::Glucose-repressible protein				1 0.94260836
0.822170957	0.869642679	0.774200943	1	0.896255289	0.854271146
0.963502477	0.750831849	1	1.081701985	0.738719336	0.439145035
1.008957262	1	1.089436897	0.74573623	0.761999736	1
0.962261747	0.643082422	0.506495018	0.573297388	1	1.021557352
0.883490921	0.966537011	1.0374552	0.985656223	1	0.931702866
0.878933537	0.63440667	0.938256838	0.8256159	0.98060616	
0.831721215	0.955104965	0.786159885	0.871733885	0.976320768	
YEL055c	YEL055c::POL5::DNA polymerase V that has motifs typical of DNA polymerase family. Aphidicolin-sensitive; stimulated by yeast proliferating cell nuclear antigen (PCNA). 1				
	1.54757398	1.375606265	1.339367382	1.444676683	1
	1.192346898	1.191611647	1	1.183227834	
	1.742104212	1	0.597187914		
	1	0.892470254	0.874046517	0.793517425	1.07912917
	0.862269572	1	0.874808438	0.583710855	0.533866788
	0.823572327	0.712866079	1	0.903587879	0.779127742
	0.893219434	0.931364993	0.625658829	0.950052073	
YEL057c	YEL057c::YEL057C::molecular_function unknown				1
2.038592285	1.265187783	2.083361578	1	1.333438548	1.310805269
1.780982615	1.28005423	1	1.36226536	1.285775613	2.310671736
1.373399941	1	0.862159148	1.25331789	1.303819959	1
1.060699875	3.737813827	2.437982672	2.029640669	1	0.880695676
0.521497944	0.722073132	0.859809656	1	1.249036415	
1.750801662	1	0.766807943	1.182445779	1.109656565	1.21010278
1.092908092	0.863365265				
YEL059w	YEL059w::YEL059W::molecular_function unknown				1 1.256142467
1.312632674	1.523400469	1.26702766	1	1.276446611	1.313554977
1.596705631	1.413512598	1	1.358025587	1.300985159	1.426237519
0.620787568	0.805853608	1	1.367867912	2.162427821	
1.476914871	0.963339316	1	1.156071356	0.8595424	1.161356291
1.165205392	1.129210038	1	0.789632244	0.705615673	0.880444533
1.154197729	1	0.908101869	0.906268798	0.60361523	1.198382711
0.42790781	0.895763354				
YEL073c	YEL073c::YEL073C::molecular_function unknown				1 1.625331885
1.587467456	1.519039463	1.767252125	1	1.639220618	1.548019596
1.530582428	1	1.325912646	1.658514252	1.785528776	1.040468278
1.664444975	1.385567519	1.413682568	1.984308038	1	1.474799146
2.636373884	1.852546416	1	1.219853466	1.398219432	1.156026486
1.230821961	1	0.929163892	1.082381798	1.687993138	1.29584296
1.849172913	1	0.968574787	1.240442456	1.143685884	
1.179465531					
YEL075c	YEL075c::YEL075C::molecular_function unknown				1 1.025444175
0.823716252	1.064113285	0.625817418	1	1.36704232	1.321316908
0.689530527	0.686874379	1	1.051160196	0.949135477	0.460314793
0.906747288	1	0.558313399	0.368206504	0.473209737	1
0.443352716	0.384756252	0.483486558	1	0.86465652	0.960872139
1.005612508	1.148341274	1.049418469	1	0.757530099	0.465171475
1.050076881	0.563974745	1	0.640843634	0.566081916	0.769745603
0.610824239	0.671152352	0.770549116			
YEL077c	YEL077c::YEL077C::molecular_function unknown				1 0.789708546
0.711047935	0.935260866	0.483207007	1	1.052062984	1.073744789
0.63441313	0.645442204	1	0.921134725	0.879244863	0.5474322
0.81669438	1	0.921687217	0.762876638	0.9260616	0.688012862
					1

0.62541029	0.391564702	0.385587987	0.90053728	1	0.837330443	
0.916316961	1.075057413	1.162374424	1.192632928	1	0.800386366	
0.665082425	0.777942667	0.933372216	0.490630088	1	0.643735793	
0.681904514	0.930101468	0.90237011	0.880607296	0.636578646		
YER002w	YER002w::NOP16::Nucleolar protein 16			1	0.776833356	
0.902578255	0.729427524	1.208642546	1	0.7219249	0.654030122	
1.016247333	1.072943475	1	0.508092509	0.565264401	0.674618774	
0.771060259	1	0.500765719	0.359335273	0.425302729	0.90306631	1
0.909141112	0.773656148	0.784265578	0.857990988	1	0.602271577	
0.607004869	0.415109537	0.350747966	0.788078453	1	1.102047544	
1.225689669	0.780304321	1.345400235	2.104073458	1	1.180611162	
1.214213717	1.10757775	1.751576154	0.902444276	1.236381036		
YGL121C	"YGL121C::GPG1::G protein gamma. Gpg1 interacts with Gpa2, Gpb1 (YOR371c), and Gpb2 (YAL056w) in yeast two hybrid assays. The interaction between Gpa2 and Gpg1 is indirect and requires Gpb1 OR Gpb2."			1		
1.357002151	2.066495403	1.957372891	3.249828991	1	1.237418339	
1.717600845	3.298847071	3.779182422	1		4.8459114	
4.260916146	1	1.757638313	2.329278424	3.14672643	7.165675353	1
2.073105043	3.899347358	6.311400853	4.744467006	1	1.103503052	
1.101519446		1.131720798	0.902008418	1	0.978067223	1.220476838
0.940564851	1.07607661	1.738429599	1	0.974348749	1.405515749	
1.14819872	2.053034739	1.221880539	1.619904421			
YGL123W	YGL123W::RPS2::Homology to rat S2 and E. coli S5			1		
1.225367855	0.90971043	0.77695244	0.920330381	1	0.937030876	
0.821778296	0.890062026	0.97874903	1	0.790606314	0.698308689	
0.543055356	0.713314127	1	0.753761682	0.428592415	0.244494182	
0.652595119	1	1.060687142	0.701406944	0.423765473	0.651858589	1
1.259825286	0.992910266	1.283803947	1.403276592	1.326571453	1	
1.124981412	1.00158319	0.607577156	0.426631504	0.561395291	1	
1.288963501	0.778675695	1.053491033	1.093027674	0.927316938	1.581376939	
YGL125W	YGL125W::MET13::putative methylenetetrahydrofolate reductase (mthfr)					
1	1.636468672	1.325464397	1.248810035	0.752829072	1	1.529680292
1.513896067	0.824695653	0.909442098	1	2.40025995	1.677681875	
0.988108995	0.73035547	1	0.908876652	0.694049569	0.908148529	
0.503727516	1	0.451694424	0.463347399	0.30374132	0.333118419	1
0.849251411	0.824434709	0.753686039		0.895137518	1	0.817610088
0.607696685	0.591667687	0.823633835	0.729225396	1	0.848053561	
0.526490697	0.811837931	0.765446897	0.654765794	1.731108646		
YGL127C	"YGL127C::SOH1::Soh1p has limited sequence similarity to RNA polymerases and interacts with a DNA repair protein, Rad5p, in a two-hybrid system assay; may provide a link between recombination in direct repeats and transcription"			1		
1.384998451	1.23727413	1.421085369	1.626815314	1	1.300108273	
1.290113676	2.108176332	1.399522395	1	0.915053614	0.811947145	
0.751713395	0.86020074	1	0.915093388	0.858445175	0.835550136	
1.034182458	1	1.119414951	1.224958983	0.855765843	0.839380821	
0.967213773	1	1.017513609	1.25043959	1.090128844	0.989473811	
1.315787052	1	0.880600596	0.904809753	1.032538122	1.264834382	
0.790935441	2.682911841					
YGL141W	YGL141W::HUL5::ubiquitin-protein ligase (E3)			1	1.57269696	
1.161811691	1.349094284	1.298355799	1	1.254936432	1.123547374	
1.344523203	1.486514587	1	1.088937579	1.294887798	1.115862102	
1.195843385	1	1.592660859		1.143099741		
0.752561362		1	1.079352767	0.869718567	0.971230131	
0.703657272	1	1.021472529	0.894360257	0.958882818	0.800962221	
0.721396081	1	0.942509534	0.726715299	0.726870048	0.956940785	
25.24686695						

YGL143C YGL143C::MRF1::Mitochondrial polypeptide chain release factor 1
0.777168705 0.945135864 1.101068509 0.948373912 1 0.985469314
1.030049074 1.014947574 1.202778338 1 0.907872851 0.91902569
0.884629409 1.013900776 1 1.237107123 1.056217656 0.868996725
0.998932527 1 1.434444896 2.408400985 0.961836401 1.36130849 1
1.310969874 1.303253486 1.437074778 1.106256005 1.262683451 1
1.284042973 0.887320126 1.197802684 0.807083037 0.628059178 1
1.243409644 1.01867807 0.99347761 0.935423497 1.167716073 1.000838238
YGL145W YGL145W::TIP20::transport protein that interacts with Sec20p;
required for protein transport from the endoplasmic reticulum to the golgi
apparatus 1 0.707981079 0.728501748 0.861813638 0.945383424 1
0.884579115 0.796199507 0.737978096 0.730698414 1 0.663604412
0.719072698 0.584816596 0.922148522 1 0.646220321 0.411830634
0.537408007 0.911454025 1 0.873988693 1.045346387 0.911297501
0.853681242 1 0.852773355 0.854158971 0.812123207 1.016880532 1
1.103637726 1.013993113 0.912938402 0.93900169 0.714164982 1
0.943110443 0.967760485 1.005549366 1.108626581 10.16687032
YGL147C YGL147C::RPL9A::Homology to rat L9 1 1.303816956 1.253088364
0.922756621 1.838901984 1 1.015882768 0.954486634 1.465555323
1.314863991 1 0.907532109 0.933758041 0.625425663 0.954400634 1
0.847229711 0.432929415 0.22874483 0.581434678 1 1.407426086
0.991578263 0.462536958 0.7344166 1 1.110000747 1.022222134
0.832914733 0.965450361 1.133635457 1 1.242960486 1.349688788
0.798135085 0.527353142 1.500025373 1 1.566308491 1.855868419
1.308196904 2.764182243 1.514600133 1.720601189
YGL149W YGL149W::YGL149W::molecular_function unknown 0.928390408
0.942941314 1.489370491 0.951557871 1.408076649 1.334534167
0.960610532 1.004850073 1.115209614 1.354935496 0.621677118
1.13269022 0.554706751 0.821053507 0.307340086
0.164769721 1 1.010551329 1.344031859 1.273147498 1.044653332
1.061049166 1 1.034185768 0.69464189 0.828496403 1.251201963
0.753012961 1 0.718276086 0.613416403 1.081522371 0.77657201
0.671934726
YER004w YER004w::YER004W::molecular_function unknown 1 1.238059134
0.983150838 0.77318999 0.653749841 1 0.969400815 1.03005129
0.761455937 0.849436869 1 1.123486177 1.315094441 1.768424099
0.599075792 1 1.209968526 1.258789469 1.644488661 1.854539953 1
0.99562623 1.036337024 1.316510595 1.144863175 1 1.089928168
1.408040844 1.87584829 1.141532128 0.917024268 1 1.261459656
1.808086138 2.671149581 2.219670389 0.568200353 1 1.261129185
1.393586128 1.203823286 1.046884807 0.744234764 0.993833232
YGL151W YGL151W::NUT1::Negative regulator of URS2 of the HO promoter 1
0.620785031 0.614016448 0.704831528 1 0.928967758 0.940994788
0.589886411 0.584539868 1 0.756297158 0.728626699 0.351377186
0.640769053 1 1.066524639 0.763956118 0.696238717 1
0.987425506 1.214374653 0.606961061 1.089269718 1 0.96050579
0.978750439 0.984366176 1.045723231 1.027509396 1 0.983715276
0.721042195 0.964283556 0.809693 0.712880031 1 1.1644338
1.213552722 1.116588249 1.052429756 0.901892695
YER006w YER006w::NUG1::NUclear GTPase 1 1.009919142 0.669116272
0.957649773 0.698158106 1 0.883850782 0.857390895 0.720416247
1.030889322 1 0.647394028 0.436006346 0.343789933 0.982062817 1
0.571294118 0.310749546 0.307272996 0.367559528 1 0.547460754
0.171490951 0.206636788 0.366639604 1 0.973491719 0.618787993
0.842426704 1.167625149 1.07797484 1 1.018588287 0.457325286
0.650465974 0.948122682 0.347022174 1 0.723023445 0.458191544
0.689396186 0.313154443 0.735524137

YER019w YER019w::ISC1 1 0.85386877 0.848623941 0.690067306
0.555968426 1 0.92406953 0.991565057 0.862298464 0.85516819 1
0.996367002 0.967875435 0.957103514 1 0.792947038 0.617056705
0.788864131 0.693853104 1 0.947667214 1.895300002 1.169389202
0.97345601 1 1.166152872 1.202074978 1.215754647 1
0.987029989 1.151724345 0.84717593 0.90176045 1.054951306 1
0.714881326 0.839500785 0.809396551 0.896238442 0.68490877 0.909773366
YER021W YER021W::RPN3::proteasome subunit 1 0.757621209 0.806056028
0.849269332 0.76658019 1 0.805707531 0.915186943 0.818386943
0.804144174 1 0.72766023 1.004007076 0.947102449 0.755852767 1
1.463305347 0.961985285 1.432142936 1.633222645 1 1.6308409
2.340274387 2.269758718 1.754578296 1 1.178609296 1.358361557
1.586922398 0.883691454 1.037595364 1 1.313821662 1.588410044
1.160276961 0.732036355 0.685578956 1 1.247526964 1.188174041
1.067304214 0.849626436 0.82845772 1.074390646
YER023w YER023w::PRO3::delta 1-pyrroline-5-carboxylate reductase 1
1.185094083 1.099155883 0.724479431 0.734317127 1 1.011234188
0.990240443 0.952298143 0.870533974 1 0.912978907 0.978224223
1.381297728 0.715908002 1 1.047311883 0.80770058 1.020808156
1.163119851 1 1.343472835 1.577879491 1.584671992 1.276406491 1
1.164115872 0.952707341 1.498879233 1.267880729 1.092629539 1
1.107307941 1.146780449 0.928690804 0.826641032 0.906587976 1
1.096009127 1.029501921 1.063477431 1.024283606 0.931957092 1.09453
YER025w YER025w::GCD11::eIF2 is a heterotrimeric GTP-binding protein

SUI2 encodes the alpha subunit
 SUI3 encodes the beta subunit
1.200504854 1.05568427 1.234433153 1.135604007 1.24826059
1.115956148 1.097083452 1.023435445 1.073012463 0.841942736
0.662576889 1.118005399 1 0.50966027 0.325892805 0.350684956
0.547219562 1 0.532205422 0.498693621 0.537490054 0.415930937 1
0.962456114 0.735855944 0.852035105 1.078586481 0.898388514 1
1.061327364 0.740537902 0.699541921 0.735314272 0.611252089 1
0.761117419 0.667882695 0.673378505 0.747472017 0.561887752 1.274032958
YER027c YER027c::GAL83::Glucose repression protein 1 0.948736144
1.224132171 1.16046632 1.008324492 1 1.320467955
1.060467707 1 0.893759688 1.24387927 1.346674571 1.088616854 1
1.46065201 1.422979403 1.245775472 1.374901302 1 1.270541374
1.285856721 1.6228323 1.212229481 1 1.184937412 1.312317602
1.319777663 1.039435149 1 1.107571737 1.208523238 1.090568636
0.843875067 0.718258545 1 1.007328275 1.084050747 1.015149261
0.953234817 0.913723008 1.464918933
YER029c "YER029c::SMB1::associated with U1, U2, U4, and U5 snRNPs as part of
the Sm-core that is common to all spliceosomal snRNPs" 1 0.880580841
1.102106408 0.965270229 1.160925347 1 0.85113934 0.950436841
1.225815174 1.393903745 1 0.966190362 1.083706519 1.358497069
1.051706626 1 0.7250821 0.606674925 0.86160062 0.903313635 1
1.623783547 2.193808083 1.769413758 0.774392195 1 0.883804851
1.120892568 0.729701623 0.723800346 0.964778754 1 1.033850547
1.218814655 0.978613876 1.459245055 1 1.021011141 0.986678455
1.192442947 1.275989214 1.437643733 0.953554524
YER043c YER043c::SAH1::putative S-adenosyl-L-homocysteine hydrolase 1
1.120364328 0.817292388 0.922354302 0.527117969 1 1.078474417
0.988495752 0.728647224 0.74496118 1 0.958507832 0.810937032
0.609514309 0.622356811 1 0.812184133 1.149129762 0.952767957
0.467573856 1 0.628120848 0.453982922 0.443799746 0.661273921 1
0.944096112 0.591759534 0.837497728 1.637870313 0.910215353 1
0.721301301 0.35420819 0.330163319 0.627820519 0.535942781 1
0.650708432 0.341391762 0.683880294 0.612674595 0.504060975 0.575284973

YER044c YER044c::ERG28::Transmembrane domain containing protein which may facilitate protein-protein interactions between the Erg26p dehydrogenase and the Erg27p 3-ketoreductase and/or to tether these enzymes to the ER 1

1.25175018 1.620540731 0.957634866 1.562835909 1 1.128278695
1.230044782 1.361031578 1.118566806 1 1.104378614 1.586340986
3.149402496 0.930463621 1 1.007518297 0.813605347 1.234406589
1.842637349 1 1.523229131 2.87539131 3.280570912 1.238896762 1
0.89817566 0.620878466 1.042216747 2.141913208 1.650301544 1
0.608931788 0.457770987 0.51114148 2.006824375 3.472745279 1
0.789982142 0.616086759 1.716104664 2.695743446 1.846562197 3.216167037

YOR380W YOR380W::RDR1::Repressor of drug resistance 1 1.195057107

1.109933708 1.498455733 1 1.36357844 1.464535315 1.316484055
1.189150586 1 1.302350408 1.320111474 1.124690603 1.351724483 1
0.963991135 0.800026132 1 0.978711656 1.352029923
0.835905081 1 1.036181756 1.251041977 1.085742573 1.389924041
1.160392132 1 1.034474741 0.813272651 0.797217889 1.084707926
0.682384106 1 0.805101595 0.612257547 1.046768901 0.507191807
1.242407898 1.513953872

YOR394W YOR394W::YOR394W::molecular_function unknown 1 0.971641381

1.076231691 0.832548232 0.929320952 1 0.783339803 0.932002685
1.208597089 1.209043754 1 1.232723165 1.097190644 1.543108139
1.014486186 1 1.243668301 0.816053389 1.597994874 1.646034995 1
1.893642198 3.238923417 2.264579375 0.449840808 1 1.171717366
0.886969223 1.040948197 1 0.986555812
1 0.862174873 0.632430866 0.939911347 6.286104609

YOR394W YOR394W::YOR394W::molecular_function unknown 1 1.61309864

1.603355004 1 1 1.336849045
1.506469248 1.729663237
1 1.188563217 1.466870696 1.787325077 1.728798048
1.43607953 1 0.95807753 1.448630964 1.374799584 1.118911643
1.282458038 1 1.874393614 2.241623579 1.311729656 1.613028844
1.546623036 1.351963482

YPL002C YPL002C::SNF8::appears to be functionally related to SNF7 1

1.087943911 1.239658478 1.031910844 1.401466511 1 1.000345581
0.967011886 1.267821176 1.22899801 1 0.892424404 1.16373239
1.157867275 1.226827992 1 1.215328082 1.063718455 1.268063234
1.840151754 1 1.163156981 1.315151245 1.635429701 1.01272864 1
1.158973137 1.014150913 0.970334772 1.065102877 1 0.905464151
1.066230502 0.850169377 1.034050507 1.300564348 1 1.067107157
0.933003304 1.034668722 1.159867785 1.31513026 0.93078828

YPL004C YPL004C::YPL004C::molecular_function unknown 1 1.368930517

1.665269474 1.80820609 1.661335789 1 1.699368197 2.043039729
1.546536255 1.488626168 1 1.19300208 1.984643768 2.381228146
1.160245706 1 2.825061409 2.454914906 3.370418213 2.108906186 1
1.98644072 1.475597126 2.325448243 1.408837386 1 1.017412604
1.238555363 1.421819519 0.864339951 0.922455193 1 1.234542735
1.220636056 1.180051695 0.873682064 0.857972468 1 1.281102034
1.094291167 1.170644415 1.147677193 2.344513917 0.979823219

YGL165C YGL165C::YGL165C::molecular_function unknown 1 0.988912342

1.138528899 0.954337974 1.165311051 1 0.905638495 0.959852739
1.291289354 1.256534683 1 1.088261949 1.155078652 1.39099693
1.3261112 1 1.736866917 1.675846408 1.477374646 2.586621161 1
1.624078608 1.86232485 1.72153328 1.735505832 1 1.029532397
0.916721839 0.751736652 0.802535268 1 1.313654065 1.505992537
1.121954936 1.224676463 1.725446664 1 1.294774439 1.43157231
1.188135325 1.182019909 1.23112736

YPL006W YPL006W::NCR1::Niemann-Pick Type C homologous gene 1
1.633059035 1.57039773 1.253097555 1 1
1.34376751 1.216024796 1.442185368
1.153875843 1 1.469680658 1.094006258
1.544345797 1.144420734 1.216417965 1 1.119693269
1.083359095 1.301836404 1 1.097553388 1.620368551 1.308798782
1.237556316
YGL167C "YGL167C::PMR1::Ca++-Pump, ATPase" 1 1.731250655 1.534365932
1.618304712 1.566016827 1 1.585139449 1.396216829 1.497118819
1.620222197 1 1.243641062 1.487202617 1.298130113 1.475938826
0.664269431 1 1.01693145
1.054612754 1.140732862 1.107455389 0.997977494 1 0.993716297
1.016408046 0.726905993 0.738190447 1 1.151504851
1.102616857 1.152921658 0.988579451
YPL008W "YPL008W::CHL1::Required for mitotic chromosome segregation, needed
for wild-type levels of meiotic recombination and spore viability" 1
1.306424018 1.146236514 1.506562035 1 1.015033361
1.481124339 1 0.779442948 0.906390985 0.992493011 1.398624449
1 0.820760546
0.877957605 1.05195171 0.804687876 0.848962276 1 1.386225068
1.57522143 1 1.43424438 1.507973123 1.723872873 1.551800092
1.364978727
YGL169W YGL169W::SUA5::Protein involved in translation initiation 1
1.468445338 0.940160419 1.275473366 1.166318479 1 1.220978245
1.187770813 1.21993527 1.39345521 1 0.935719357 0.746408827
0.674436899 1.234096625 1 0.636039938 0.681006034 1
0.557356338 1.109305695 0.963659894 1
0.830372457 0.917929564 0.765230149 0.916377782 0.943145556
0.759973167 0.938668951
YPL010W YPL010W::RET3::vesicle coat component 1 1.134887569
1.213786487 0.959399175 1.509341895 1 1.182218164 0.927715462
1.539509058 1.231998054 1 0.922666902 1.029265078 1.252020535
0.981092294 1 1.039321682 0.673155459 0.789648254 1.392877653 1
1.669857201 1.783238039 1.821359447 1.43941166 1 1.229751128
1.496301206 1.208626761 1.133951085 1.083139191 1 1.096109748
1.524351838 1.124017498 0.905347673 1.545425644 1 0.94387813
1.407261898 0.860832019 1.608446077 1.34129926 1.652302457
YGL171W YGL171W::ROK1::contains domains found in the DEAD protein family of
ATP-dependent RNA helicases; high-copy suppressor of kem1 null mutant 1
0.994140455 0.718903076 0.961286618 1.194164444 1 0.83608269
0.709657962 0.969278866 1.076012264 1 0.511942499 0.31725276
0.330122955 0.929572256 1 0.42757382 0.227377766 0.521267047 1
0.594739385 0.670531833 0.679330048 1 0.606157995 0.47814781
0.532697562 0.720442478 0.786447927 1 0.754082389 0.550141925
0.449396471 0.665036445 0.960752604 1 0.660994802 0.594777846
0.777546713 1.071531608 0.469352629 0.943047067
YPL024W YPL024W::NCE4::Negative regulator of Cts1 Expression 1
0.91303493 1.161297363 0.952834665 1.168785701 1 0.940225997
0.957648022 1.45707683 1.545765481 1 0.747430171 0.800547234
1.626815288 1.270678203 1 1.157618523 0.779937861 1.29336207
2.36224063 1 1.478253081 2.183819339 2.224540258 1.620633056 1
0.868479237 0.966112194 1.03389167 0.996877974 1 0.762119373
0.788517172 0.933587873 1.032691835 1.882338328 1 0.927338405
1.087409106 1.388833826 1.523101123 1.891533826 1.933377744
YGL173C YGL173C::KEM1::Kar1-1 nuclear-fusion-defect Enhancing Mutation.
Plays a role in cytoplasmic mRNA degradation. 1 1.216262422 1.162553547
1.56372138 1.066382871 1 1.451719927 1.449231459 1.143060543

0.934380588	1	1.321822135	1.300707836	0.653693436	1.268594143	1
1.094353828	0.807359965	0.685969917	0.485714734	1	0.963131989	
1	0.900973001	0.915722263	1.168845715	1.000169596	0.819852491	1
1.130308302	0.715051342	0.897771257	0.877840651	0.482227658	1	
0.829701588	0.887344716	0.911030213	0.601371691	0.815723613	0.620817408	
YPL026C	YPL026C::SKS1::multicopy suppressor of snf3 and grr1 mutants					1
1.168807015	1.113709466	1.148681257	1	1.115938116	1.123334487	
1.079805792	1.238729742	1	0.696082578	0.849856326	1.031472317	
1.203497712	1	1.123110084	1.451328616			
1	0.86845596	0.802577973	0.966695913	1.110319843	0.975234072	1
0.672185161	0.847175887	0.904888578	1.061319368	1.161646101	1	
0.670711821	0.961737405	0.930493774	1.080607748	0.758921318	0.963186421	
YPL026C	YPL026C::SKS1::multicopy suppressor of snf3 and grr1 mutants					1
1.002272065	1.112184512	1.031032389	1.11900913	1	1.152302317	
1.041175227	0.984752548	0.946943307	1	0.678092371	0.761835558	
1.032813712	1.412134047	1	0.705225354	0.699423431	0.966709649	
1.323277244	1	1.055285536	1.008934891	1.933359564	1.923697779	1
0.993899611	1.148679967	1.109454988	1.241169739	1.136137425	1	
1.041966278	1.442659801	1.002738499	0.905753022	1.389146298	1	
1.048554923	1.592219378	0.795243105	1.586057494	0.920649155		
YGL175C	YGL175C::SAE2::Involved in meiotic recombination and chromosome metabolism					1
1.126242754	1.285070397	1.105457981	1.047112191	1	1.120844695	
1.152425837	1	0.936352452	0.843989647			
1.09473637	0.6914172	1	0.707320475		0.793474095	
0.809155234	1	0.620072011	1.444430952			
1.130594625	0.720444608	1.131319775	0.47896632			
YPL028W	YPL028W::ERG10::induced under stress conditions					1
0.994473472	1.06531555	0.959892873	1	1.28033438	1.32647221	
0.936332622	1.003802479	1	1.595963916	2.825681229	2.936008587	
1.725865738	1	1.137377485	0.934118831	1.54441393	1.693035996	1
0.962696676	0.717313767	0.993942527	1.14449883	1	0.913696207	
0.699419931	1.201556999	1.346320797	0.797861216	1	0.83452001	
0.68930999	0.59792288	0.651905272	0.821266458	1	0.607747214	
0.548886264	0.655683221	0.872120425	0.710844371	1.157574951		
YGL189C	YGL189C::RPS26A::Homology to rat S26					1
1.654326366	0.944760086	2.323480735	1	1.141937634	1.146972184	
1.603035409	1.570343645	1	1.001758443	1.070363501	1.161216074	
1.132221915	1	0.737245045	0.329762453	0.222102525	0.629437568	1
1.469732019	1.254723817	1.035828997	0.775587607	1	0.87475742	
1.137487289	0.764938689	0.885967517	0.904837833	1	1.415707267	
2.099163594	1.307694569	0.978100701	2.414883317	1	0.837152386	
1.172565081	0.873919616	1.588929847	0.960565116	1.354590372		
YGL191W	YGL191W::COX13::Modulates cytochrome c oxidase activity					1
1.131016576	1.656289939	1.086697178	2.178531051	1	1.175020194	
1.163578009	1.639073002	1.690251698	1	0.825644115	1.124836728	
1.739488369	0.974203288	1	1.39535165	1.464976186	1.371978372	
1.952139247	1	1.45772082	1.674864509	1.898842779	1.225788364	1
0.630035541	0.596250685	0.417998257	0.691813081	0.624069649	1	
0.836580587	0.536119087	0.326769082	0.722227314	1.691128502	1	
0.753828986	0.53335924	0.657346757	1.512796884	2.062201677	0.933415171	
YGL193C	YGL193C::YGL193C::molecular_function unknown					1
1.733167883	1.087923516	1.558132953	1	1.288770497	1.054338127	
1.585482932	1.673356241	1	1.633508729	1.184265055	1.985473652	
1.330695512	1	1.07084521	0.959426545	0.947900105	1	
1.34772733	2.363754373	1.402572196	1.262530828	1	0.94460718	
0.918030408	1.05457409	0.980630575	0.865664365	1	0.635690385	

	0.705892053	1.008695577	0.990846316		0.543139911	0.826014712
	1.317961485	0.96651419	0.915902707			
YER046w	YER046w::SPO73::Sporulation 1 1.007546896 1.218290736					
	1.068602307	1.476049619	1	1.0798443	0.987728339	1.362176819
	1.442536387	1	0.949576487	1.054970187	1.73611113	1.144592408 1
	0.780605767	1.00907677	1.526081893	1.410756646	1	0.878905587
	1.895649619	1.642252169	0.87670847	1	0.94227361	1.166498949
	1.004427023	0.855613102	1.114444365	1	0.840149397	1.380989156
	1.000018003	1.110673308	2.150953671	1	1.173318089	1.378643845
	1.995478228	1.715921098	1.20660989			
YGL195W	YGL195W::GCN1::translational activator of GCN4 through activation of GCN2 in response to starvation 1 1.561605284 1.129813856 2.058211064					
	0.892480437	1	1.767646058	1.55502785	1.13509191	1.026572729 1
	1.608269026	1.41237385	0.755128961	1.529060156	1	1.207677572
				1	0.94634366	0.747267612
	1.080744297	1.301077877	0.863402568	1	1.041937138	0.574321435
	0.566101773	0.916369656	0.423074382	1	0.704194304	0.531402314
	0.865245494	0.506930504	0.57698923	0.93078828		
YER048c	YER048c::CAJ1::Homologous to E. coli DnaJ; contains leucine zipper-like motif 1 0.543382275 0.769464633 0.743402798 0.847120054 1					
	0.686220834	0.761152304	0.952575115	0.885418991	1	0.613782087
	0.877888938	0.804732183	0.816781534	1	0.870767486	0.78659993
	1.217101683	1	2.050259187	2.568801238	2.825167798	2.0231756 1
	1.10589111	1.300555484	1.203957219	0.989793531	1.147521487	1
	1.17973052	1.459415491	1.278388531	1.049831983	1.061035064	1
	0.981360052	1.07907146	0.838493151	0.983904626	1.021341642	0.817832829
YER050c	YER050c::RSM18::protein similar to bacterial ribosomal subunit S18 1 0.659114511 1.186883758 0.933248634 1.424553161 1 0.798893699					
	0.899953689	1.224574424	1.146487496	1	0.886411348	1.111603877
	1.511507982	1.028864969	1	1.069497783	1.018807204	0.801096276
	1.151012069	1	1.995149768	2.198821478	2.496466144	1.684444346 1
	0.87329241	1.049804597	0.605302126		0.767755733	1 1.557112659
	2.240413844	1.584890964	1.89131562	3.048452386	1	1.257655975
	1.827020006	1.370254976	2.205218933	2.06572056	1.331824128	
YER052c	YER052c::HOM3::First step in common pathway for methionine and threonine biosynthesis 1 1.346008035 0.875942496 0.706300169 0.457792311 1					
	0.994710482	0.867269784	0.550151118	0.574341714	1	2.322437429
	1.124587769	0.383392056	0.354513094	1	0.820324211	1.790965808
	1.007188204	0.418969751	1	0.964904508	1.033005668	0.363603527
	0.771059857	1	0.866964912	0.76071599	0.765964472	0.977372071
	0.763964374	1	1.495351824	0.710178375	0.677707044	0.566340826
	0.347706003	1	0.985322554	0.409649531	0.603682555	0.401811661
	0.241901764	0.589294933				
YER065c	YER065c::ICL1::component of glyoxylate cycle 1 1.014014978					
	1.10391856	1.043693799	1.268641744	1	0.973462126	0.988025656
	1.209544353	1.221412494	1	0.916130215	1.039422576	1.198752305
	1.070626918	1	0.889734654	0.851447243	1.069827772	0.955126067 1
	1.013597629	0.911476918	0.668605107	0.848067934	1	1.035547547
	1.024097171	1.15853131	1.34931108	1.226386503	1	0.763534335
	0.730178234	0.826018533	0.75161181	0.635655435	1	0.800877255
	0.743698784	0.830968995	0.725422616	0.761970205	0.844977137	
YER067w	YER067w::YER067W::molecular_function unknown 1 1.061552512					
	1.478555382	1.060979403	1.266025381	1	1.07779834	1.326596635
	1.476917562	1.158296851	1	1.222411416	1.562116911	2.806332092
	1.013839766	1	7.547059149	4.057277915	4.354290889	2.656711562 1
	3.858329743	4.682427963	6.205011387	1.102341644	1	1.893845168
	3.737923448	2.462272421	0.729245871	1.634842321	1	1.82767865

	2.801259871	5.36227237	0.68380763	1	3.89045995	2.935554273
	0.969763812	1.578529454	5.150432413	1.894850366		
YER069w	"YER069w::ARG5,6::N-acetyl-gamma-glutamyl-phosphate reductase and acetylglutamate kinase" 1					
	2.07325786	1.498375674	1.342909028	0.647446747	1	
	1.411830961	1.424355303	0.808876709	0.688425889	1	2.558019606
	2.06059817	0.505899854	0.631835024	2.150884777	1.505838212	
	0.745602878	0.598255068	1	1.980544547	1.474515824	0.673688893
	1.023391915	1	0.805191966	0.625716514	1.014933355	1.368097038
	1.001473374	1	0.944676608	0.646566037	0.922990347	1.721715879
	0.460812586	0.377968903	0.721508262	0.440511932	0.466375221	1
YER071c	YER071c::YER071C::molecular_function unknown 1					
	1.354695988	0.90706698	1.197493667	1	0.934398026	1.066946242
	1.665334287	1.443702727	1	0.898283607	0.964840899	1.543331353
	1.261143375	1	0.867226076	1.431654875	1	1.415997064
	1.416509828	1.605235446	1.191546704	1	1.015744164	1.105067393
	1.055593767	0.864950527	1.140849841	1	0.892616249	1.084922392
	1	1.147084018	0.962541018	1.311574733	1.563864476	
YER073w	YER073w::ALD5::Utilizes NADP+ as the preferred coenzyme. Activated by K+. 1					
	1.136976017	0.792748806	0.705529812	0.48420621	1	
	0.844449344	0.815275939	0.66253787	0.624601639	1	1.981174804
	0.691799774	0.383735969	0.587170167	1	0.725033404	0.540134361
	0.436312116	0.611827628	1	1.438744812	0.89130591	0.636454626
	0.681180046	1	1.032480562	1.105798166	1.420786007	1.182676188
	1.051615528	1	1.550302393	0.942439368	0.817133883	0.738703293
	0.401990992	1	1.090057852	0.777697382	0.914833087	0.814226819
	0.59729733	0.694369817				
YER075c	YER075c::PTP3::Protein tyrosine phosphatase 1					
	1.04872897					
	0.956482604	1.098031463	0.980681907	1	1.016879142	1.011412348
	1.050069492	1.088337533	1	0.936445887	0.986494066	0.757725332
	1.059931082	1	0.769315963	1.212508433	0.763811833	
	0.522710984	0.374603374	0.647931881	1.02485238	0.93144578	
	1.093172749	1.007367678	0.943475793	1	0.909927434	0.955570831
	0.871964665	0.656661075	0.788948517	1	0.830309911	0.903564511
	0.876579277	0.662372057	0.999087012			
YPL030W	YPL030W::YPL030W::molecular_function unknown 1					
	1.616355011					
	1.479063692	1.479975844	1.585902703	1	1.519855169	1.397572494
	1.730334259	1	1.25342014	1.221095186	1.116968806	1.561629535
	0.775307532		1	0.529448242	0.575913112	
	0.741621931	1	0.710954868	0.645819432	0.691742961	0.770652779
	0.793833002	0.735234886	0.611881656	0.85125279	0.647865848	1
	0.596736628	0.664299221	0.758924945	0.92336608	0.598322823	0.839723408
YPL032C	YPL032C::SVL3::Styryl dye vacuolar localization 1					
	1.179295667					
	1.036132549	1.544871281	1.217108025	1	1.372001035	1.352403787
	0.975956695	1.043600898	1	0.999709778	0.807908201	0.515682983
	1.197931839	1	0.696621964	0.455429431	0.52509683	0.467344446
	0.432408716	0.338629868	0.224408965	0.542301491	1	0.889819659
	0.702044968	0.663457167	0.858797508	0.65575623	1	0.710652549
	0.481697865	0.711551293	0.913313013	0.401344608	1	0.939683841
	0.543838545	1.079688178	0.781903198	0.917060753	0.658469225	
YPL034W	YPL034W::YPL034W::molecular_function unknown 1					
	0.929297438					
	1.083787683	1.128399148	1.598676204	1	1.051514376	0.979470165
	1.389824766	1	0.821448309	0.987198125	1.365107658	1.255016335
	0.974418157		1.086388163	1	2.485094587	
	2.571286457		1.006918677	0.789064624	1.110928405	1
	0.807210574	1.041577798	0.930576871	1.014268912	1	1.173855642
	1.111941263	1.030645786	0.917653933			

YPL048W YPL048W::CAM1::Calcium and phospholipid binding protein homologous
to translation elongation factor 1-gamma (EF-1gamma) 1 0.744770014
0.82004545 0.64120001 0.48512733 1 0.768792679 0.735563122
0.609755265 0.760806431 1 0.891834182 0.693097749 0.760379753
0.577422257 1 0.881385611 0.523892194 0.70271781 1.210095886 1
1.055213493 0.697825635 0.651271533 0.746813695 1 1.120561211
0.892182699 0.896069013 1.210953879 0.900578098 1 0.978067223
0.785321892 0.858568761 0.762020938 0.498413565 1 1.081630546
0.592921498 0.836925685 0.645064771 0.745168232 0.64270804
YGL197W YGL197W::MDS3::Mck1 Dosage Suppressor 3; negative regulator of early
meiotic gene expression 1 1.255931451 1.176638969 1.550702108 1.09803207 1
1.436261172 1.466766734 1.234358047 1.126488585 1 1.209081289
1.529703176 0.939069435 1.280202327 1 1.294145873 2.046967839
1 1 0.900117823 0.883806794 1.006835427
1.209956474 0.950092217 1 1.015045266 0.604571007 0.673874833
0.953868433 0.455864667 1 0.941285345 0.682078254 0.964138319
0.594835083 0.822274763 0.592797436
YPL050C YPL050C::MNN9::Protein required for complex glycosylation 1
0.866824653 0.955293734 1.003464193 1.314656214 1 0.913152892
1.081746347 0.982072846 1.056637007 1 0.755702298 0.705285099
0.593365041 1.083430003 1 0.721594614 0.446792583 0.551174486
0.918715211 1 1.02971782 0.601504196 0.652743271 0.867381793 1
0.983902983 0.836875478 0.94145706 0.929169718 1.082378311 1
0.792269453 0.831264676 0.880962726 0.735204879 0.830389059 1
0.921932421 0.84773374 1.045119545 1.016106942 0.81082126 0.881753341
YGL199C YGL199C::YGL199C::molecular_function unknown 1 1.458727939
1.217954999 0.895634037 0.698728836 1 1.261000635 1.222631359
0.932350084 0.867708366 1 1.564558419 1.415206119 1.550447168
0.831263345 1 0.968152556 0.794069905 0.835753184 1.06625436 1
1.456861527 0.875101061 0.826726797 0.927292177 1 1.00720976
0.852128951 1.264954409 1.100296147 0.94246268 1 0.870083672
0.895178851 0.997078369 0.868931663 0.613849137 1 1.032058698
0.858224092 1.113124242 0.754767149 0.933624432 1.03936572
YPL052W YPL052W::YPL052W::molecular_function unknown 1 1.487375112
1.384239966 1.312014958 2.291522975 1 1.294976501 1.330132719
2.132318867 1 0.977572996 1.037439482 1.379966687 1.309258064 1
0.731280188 0.561588868 0.698190884 1.069659787 1 1.037512819
2.397327978 1.204318336 2.25277009 1 0.907289006 1.113427981
0.846225648 0.880896925 1.141052924 1 0.720784512 1.449359737
1.029675998 1.057481347 1.125285694 1 1.320435385 1.711704575
1.367699809 1.437801244 1.199293682 1.531466335
YGL213C "YGL213C::SKI8::essential for protection against viral cytopathology,
dispensable for mitotic but required for meiotic recombination and spore
viability" 1 1.271247272 1.038314116 1.20422844 1.136939703 1
1.214549429 1.191953281 0.930102836 0.990283682 1 1.044128759
0.981724216 0.892885332 0.943071203 1 1.362792673 1.104457556
1.105906541 1 0.451391575 0.605736984 1 1.005350219
0.956793932 0.83875532 0.893908394 0.790526262 1 1.028141711
0.848357393 0.720652232 0.698809981 0.775678033 1 1.112482587
0.898004032 0.877344008 0.865639532 1.112933847 0.87825089
YPL054W YPL054W::LEE1::Product of gene unknown 1 1.273360282
1.510061809 1.209782091 1.625553068 1 1.291355987 1.390838422
1.780376659 1 1.471093136 2.844756297 3.511817898 2.359021327 1
2.752962345 2.310012516 4.833486424 3.895836688 1 1.347904969
2.115737666 2.004916297 2.56654868 1 1.05776447 1.214238786
1.074962967 1.149110855 1 0.737379572 0.971529053 1.405265971

1.337139778 1.657007567 1 1.159972202 1.178422657 1.484281848
2.197344678 1.076141872
YGL215W YGL215W::CLG1::cyclin-like protein that interacts with Pho85p in
affinity chromatography 1 1.3867361 1.594624031 1.772297807 1.727920744 1
1.779311548 1.44282249 1 1.309827886 1.514761554
1.403588171 1.341193294 0.843058254
1 0.746073292 0.70597649 0.773022436 1.130021956
0.511024703 1 0.669487388 0.646302497 0.738614789 0.907165111
0.501440882 1 0.895898605 0.870991382 1.066744058 0.798608167
0.827003531 0.716260448
YGL215W YGL215W::CLG1::cyclin-like protein that interacts with Pho85p in
affinity chromatography
0.946172225 0.75784262 1
1.716913078 2.17987994 0.708210256
2.90269361
YPL056C YPL056C::YPL056C::molecular_function unknown 1 1.200461438
1.177391382 1.035040396 1.094510577 1 1.184783692 1.069563314
1.086329959 1.1067188 1 1.13776484 1.293178547 1.564971718
0.939179842 1 0.955797652 1.742430167 1.067246588 1
0.99169765 1.678987186 0.817680803 0.783180771 1 1.029885386
1.232619602 0.959872437 1.099204721 1.079126203 1 0.619691419
0.759905577 0.753594275 1.361519636 0.92529901 1.078325925
1.001489377 0.974916087 1.344179248 1.31289483 0.989455116
YGL217C YGL217C::YGL217C::molecular_function unknown 1 1.494154302
1.364245835 1.808662407 1.189236867 1 1.691860709 1.900449919
1.451697969 1.187431923 1 1.472390623 1.505441012 0.785447522
2.012108137 1 0.635590288 0.832031038 0.751358424 1
0.913975064 1.783237966 1.474311448 1 1.130899817
1.265437256 1.589177353 1.205883952 1 0.884536139 0.575563971
0.59427235 1.326302905 0.123319197 1.167017549
0.653215497
YPL058C YPL058C::PDR12::similar to Pdr5p 1 1.297914521 1.169848004
1.364603473 1.294938311 1 1.344391883 1.379826485 1.228872791
1.168173865 1 1.295548345 1.412633757 1.23927406 1.22858839 1
0.82662273 1.000679597 1.103883639 1 0.683066232 1.033301491
0.571280751 0.506162222 1 0.76006242 0.672162236 0.733383678
0.725141277 0.805850025 1 1.133913098 0.961367901 1.483232937
1.435355064 1.011111269 1 1.225001115 1.463070369 0.853637826
1.592682184 0.651527328 1.440401463
YGL219C YGL219C::MMM2 1 1.268640939 1.420473007 1.199371008
1.532374158 1 1.30859195 1.335560533 1.473667172 1.236033607 1
1.526845907 1.29044494 1.339568719 1.068809448 1 0.978700152
0.85773684 0.817563333 0.842739377 1 1.145467799 1.883099339
1.000807814 0.977787854 1 0.982431296 1.08365056 0.873618646
0.85108952 0.978840841 1 1.169023181 1.246518524 1.186857285
0.947083177 1.39988711 1 1.215657143 1.220138744 1.050361881
1.181885425 1.404452967 1.145316164
YPL072W YPL072W::UBP16::putative deubiquitinating enzyme 1
0.691899897 0.961042501 1.092879763 1.218249442 1 0.975887995
1.122808359 1.137945446 1.064124738 1 0.790397421 0.925270829
1.042032181 0.98808003 1 0.970564142 0.572532749 0.721745097
1.061722559 1 0.907474817 1.743316178 1.446227357 0.637915637 1
1.184902859 1.180993395 0.883635498 0.826093747 1.429722552 1
1.573156316 1.481250143 1.496990613 1.255707038 1.195039567 1
1.310392951 1.231073698 1.202467479 1.268612513 1.743655661 1.073514981

YGL221C YGL221C::NIF3::similar to Listeria monocytogenes major sigma factor
(rpoD gene product) 1 1.144437657 1.183019298 1.054915989 1.168826371 1
1.142262572 1.03906285 1.332604501 1.351708866 1 1.043944329
1.239983385 1.309014962 1.318224088 1 1.301328382 0.993368726
1.017215857 1.619935457 1 1.142259774 0.903109383 1.165380663
1.304674636 1 1.148687251 1.023150309 1.282435102 0.985301697
0.82431534 1 1.040497011 1.292792709 1.185933086 0.854036204
1.041305563 1 0.966985335 1.148213623 0.974533605 0.896930214
0.970414337 0.934290836
YGL223C YGL223C::COG1::<u>C</u>onserved <u>O</u>ligomeric
<u>G</u>olgi complex <u>1</u>
 Complexed with Cog8p; interacts
with Cog2p 1 1.03547675 0.939161685 1.116782366 0.925946056 1
1.023117924 1.075794967 0.909222676 0.845193711 1 1.152607356
0.959507113 0.823304229 0.861177331 1 1.033641263 0.936224618
0.816468165 0.853110081 1 0.82899074 0.602555048 0.789672532
0.958305894 1 1.039979162 0.980180209 0.974874835 0.850886636
0.882396501 1 1.241625427 1.21440641 1.184798068 1.122094829
1.325777559 1 1.096829184 1.129347885 1.122898197 1.030805666
1.349174279 0.983325775
YGL237C YGL237C::HAP2::Global regulator of respiratory genes 1
1.290392571 1.192101843 1.220702903 1.297016351 1 1.226208745
1.223135348 1.174583703 1.256373191 1 1.377704762 1.165007042
1.444617274 1.15200233 1 1.060976892 1.01815878 1.01860814
0.927088084 1 1.061834274 0.65690088 0.875270569 1
0.937415666 0.757756449 0.791403231 0.709635337 0.946249919 1
1.085670628 1.084476436 1.165847653 0.958242134 1.208684656 1
1.237250273 1.350496945 1.128970538 1.362580848 1.504061988 0.960559531
YER088c YER088c::DOT6::Derepression Of Telomeric silencing 1
0.900935043 0.808075465 0.719179847 0.574061733 1 0.865352147
1.071854305 0.587362645 0.641564117 1 1.216531598 0.883938237
0.923135025 0.70405236 1 0.893632229 0.888600956 1.105891639 1
0.780390796 1.16364908 0.693917179 0.734701271 1 0.984143912
1.005823103 1.18133511 1.362575959 1.00049531 1 1.009295468
0.864463831 0.957146532 1.121134217 0.739164491 1 0.824621712
0.836005185 0.915244401 0.87291139 0.762874206 1.607645634
YGL239C YGL239C::YGL239C::molecular_function unknown 1 0.745676161
0.665044972 1.215479223 0.471316452 1 1.053284219 1.25030701
0.745101827 0.584608175 1 0.9667586 0.860859717 0.412820285
0.872855132 1 0.415297498 0.463000098 0.53703253 0.393830151 1
1.024794598 0.605627459 1 0.958845186 0.621117708
1.286397752 1.101421639 1 1.100642722 0.415576827 0.565928187
1.026006967 0.356314435 1 0.758985422 0.41043598 0.6547382
0.387565527 0.783598719 0.519245027
YER090w YER090w::TRP2::anthranilate synthase Component I 1
0.913733843 0.814930286 0.849528797 0.689233655 1 0.842527992
0.877805916 0.710434572 0.703079863 1 1.108537407 1.105512332
0.505065986 0.659974647 1 1.045831009 1.089315001 0.696310535
0.823236262 1 0.88144533 1.042621064 0.676842537 1.125211408 1
1.332776782 1.003642239 1.457126527 1.335031469 1.067703936 1
1.024740587 0.909431907 1.010164345 0.729918027 0.41403736 1
1.212065161 1.133243499 0.863299853 0.565236589 0.773176006
YER092w YER092w::IES5::Ino Eighty Subunit 5 1 0.824010819 0.934289171
0.784368512 1.188479561 1 0.78011882 0.758354424 1.043047705
1.16383555 1 0.804619051 0.905778901 1.125658127 1.033285378 1
0.981528669 0.653156424 0.716924876 1.43796613 1 1.675222101
1.947861992 1.918567699 1.714073241 1 1.181790644 1.444541393
1.050479349 1.333125722 1 1.159843933 1.727210651 1.185797188

1.419313093 2.530818085 1 1.299754426 1.505073212 1.140322788
1.433647596 1.24869805 1.160201842
YER094c YER094c::PUP3::20S proteasome subunit beta3_sc 1 0.892258257
1.074453145 1.014374533 1.215370644 1 1.009163843 1.071329144
1.445329505 1.451028463 1 0.839197861 1.342212226 1.896642465
1.106666608 1 1.224431799 0.949992661 1.672593983 2.185789218 1
1.943915952 3.033293248 2.902765705 1.69704981 1 1.576706845
1.794046442 2.041345083 1.068071106 1.371569221 1 1.53806878
2.326359323 2.323479493 1.056118186 1.019572575 1 1.468254929
2.041328627 1.372094793 1.303495187 0.947851473 1.245137372
YER096w YER096w::SHC1::Required for proper maturation of the ascospore
through its participation in the synthesis of the chitosan layer. 1
0.933709587 1.124502468 1.474525829 1.263611646 1 0.907700967
1.012506087 1.428040256 1.88582012 1 0.827368286 0.827117693
1.799946901 1.76593333 1 0.555160512 0.772550311 0.921863187
0.989533423 1 0.841618727 2.014637734 1.065524178 1.147951009
0.909585007 0.781420428 0.760775499 0.836725941 1.040119876 1
0.611931679 1.481283061 1 0.97857955 0.979197107 1.063043897
1.312988058 1.036786502 0.921156488
YER098w YER098w::UBP9::similar to Ubp13p 1 0.999400044 1.160136798
1.114078968 1.042021491 1 1.139240844 1.224645564 1.050976679
0.998455133 1 1.036002108 1.122756897 1.10865565 1.097237707 1
1.061769799 0.745666401 1.130099358 1.117252712 1 1.415141118
1.783046221 1.508046559 1.375375261 1 1.123494328 1.044935833
0.871171273 0.976663178 1 0.923552003 0.848682518 1.111128199
0.976658712 0.963856609 1 1.416889811 1.061412615 1.205941275
1.130796394 1.52967283 0.943047067
YER112w YER112w::LSM4::Like Sm-D3 protein 1 0.754204563 1.170541708
0.825133995 1.403041729 1 0.786724294 0.753651044 1.163205394
1.178954573 1 0.829431666 0.826680878 1.072616726 0.886149702 1
0.524920875 0.461913229 1.067912835 1 1.608976949 2.038835616
2.101653449 1.167335406 1 0.736392492 0.881044994 0.577182818
0.566254635 1.014385167 1 1.141330343 1.410135492 1.204063561
1.241161496 2.278940866 1 1.237808882 1.388515591 1.144610191
1.705098656 1.819504524 1.224998019
YER114c "YER114c::BOI2::Protein which binds Bem1p and contains a proline-
rich sequence, an SH3 domain, and a pleckstrin homology domain" 1
0.998073062 0.892001946 1.090802354 0.973852028 1 1.176219388
1.091529346 0.775010689 0.801220036 1 1.160287989 0.921601475
0.700076473 1.018454074 1
1 0.918870978 0.897102677 0.880321919 1.226318385 0.84936256 1
0.772067244 0.494324183 0.664971672 0.675335657 0.507100951 1
0.815176459 0.591460548 0.855125057 0.711256288 0.635207977 0.760917271
YER116c YER116c::SLX8 1 0.679179802 0.880548551 0.784076989
0.950148108 1 0.753033033 0.810194612 0.825165652 0.872850119 1
0.699157517 0.745979794 0.660650134 0.802099724 1 0.825863357
0.357324685 0.377918667 0.76038694 1 1.422658827 0.841384837
0.798305529 1.132093248 1.077007501 1.065540923 1.140591454 1
0.795494688 0.893251406 1.116498926 1.161966475 1 0.978579538
1.259027091 1.39149915
YER118c YER118c::SHO1::Transmembrane osmosensor (structurally unrelated to
SLN1) with four transmembrane segments & a cytoplasmic SH3-domain. The SH3-
domain interacts with a proline-rich motif in the N-terminal region of Pbs2p (a
MAP kinase kinase homolog) 1 0.797361483 0.895900494 0.916048738 1
0.834881254 0.828138352 0.859666781 0.896811448 1 0.823505563
0.561252438 0.531490149 0.961551671 1 0.729427337 0.580633912
0.646131242 0.909906735 1 0.698971495 0.483474839 0.534427859 1

1.069583258 0.928947953 0.902649698 0.950266715 0.919769173 1
0.907244758 0.948696287 0.836071856 0.758909604 1.060982239 1
0.903178802 0.924356093 0.950589188 1.085999866 1.011319457 0.899265805
YPL074W YPL074W::YTA6::Member of CDC48/PAS1/SEC18 family of ATPases 1
0.786534316 0.791683644 0.931987316 0.980730657 1 0.856608693
0.87293179 0.915262638 0.948681792 1 0.764834801 0.79494827
0.704254641 0.979888177 1 0.640699868 0.797435521 1
1.100435107 0.792751925 0.940245568 1 1.01966598 1.091865996
1.047593429 1.023667218 1.045540784 1 1.105506093 0.859738429
1.188767355 0.809280317 0.7323131 1 0.885696938 0.79005561
0.828604378 0.919050446 0.629845777 0.816081552
YPL076W "YPL076W::GPI2::Required for synthesis of N-acetylglucominyolphosphatidylinositol, the first intermediate in synthesis of glycosylphosphatidylinositol (GPI) anchors" 1 1.206160699 0.785975864
0.948228615 0.951066068 1 1.231354694 0.969260258 0.780374095 1
1.199330284 0.980472657 1.093869489 0.973871924 1 1.056989207
1.487478457 1.338104993 0.513397664 0.617256873 0.402231929
0.367451291 1.118435802 1.052018349 0.922427625 1.183826612
0.882235975 1 0.761218838 0.765780262 0.806489676 0.806058421
0.699359938 1 1.059346481 1.10017108 1.023872204 0.888831304
1.032404696 1.082271213
YPL078C YPL078C::ATP4::ATP synthase F0 sector subunit 4; analogous to the bovine b subunit 1 0.841511403 1.03099994 0.906555182 1.469197951 1
0.946478799 1.032440274 1.262080854 1 0.685143107 0.831814711
0.924459329 0.998121766 1 1.287063257 1.19488539 0.990137755
1.644419668 1 1.553757612 1.252577713 2.26378137 2.019664157 1
1.143059111 1.190833204 0.928785747 0.933486363 1.009963804 1
1.005489641 1.142353583 1.045095156 0.780019286 1.232055863 1
1.128898277 1.141142261 0.819764182 1.511885522 1.804953099 1.297674762
YPL080C YPL080C::YPL080C::molecular_function_unknown 0.849588027
1.063656029 0.964959971 1.490969789 0.862038351 0.629372901
1.318323677 0.747491846 0.846173613 1.065732193 0.996610809 1
0.610208069 0.650023853 0.526974869 0.853954712 1 0.900777573
1.73688336 1.310316816 1.119479455 1 0.650436072 0.644461707
0.457746799 0.557219586 1.007289217 1 0.777911188 1.619851151
0.832971936 0.643077661 2.37502361 1 1.008753714 1.611720985
1.099443829 2.361511817 1.355458214 1.428142781
YGL241W YGL241W::KAP114::KARYOPHERIN (collective name for homologous family of nuclear transport receptors) of approximately 114kD
0.920164976 1.035403195 0.997569463 0.749096504 1.046734228
0.960561283
1 1.113903442 0.848133395 1.288622695 1.370522978
1.007227789 1 0.85712337 0.730178195 0.702472815 0.539299211
0.657519975 1 0.924213998 0.800185411 0.653148018 1.018927942
0.561134733
YPL082C YPL082C::MOT1::involved in TBP (TATA-binding protein) regulation 1
1.505463216 1.146194425 1.503704748 0.948241316 1 1.490541939
1.233430786 1 1.375429727 1.02451759 0.883528706 1.022399653 1
0.606777778 0.533268509 0.494722098 0.484965591 1 0.676396602
1.096583979 0.61919078 0.604067843 1 0.861596286 0.661978104
0.85738834 1.139127949 0.822660447 1 0.633994139 0.485126895
0.834920043 0.540271287 0.309094521 1 0.708626548 0.542735416
0.867017666 0.719429672 0.542658263 0.594548714
YGL243W YGL243W::TAD1::Deaminates adenosine-37 to inosine in eukaryotic tRNA-Ala. 1 0.909216684 1.05746316 0.930733088 1.161181997 1
0.833808469 0.764936887 1.19078 1.087508323 1 0.794314862
0.917848086 0.986911603 1.133068499 1 1.113305475 1.043439885

1.610219577	1	1.350798123	1.736445922	1.534520433	0.910105528	1
0.895583658	0.68399112	0.640704776	0.985248359		1.065061081	
1.328992401	0.908365969	1.199898014	1.785129658	1	0.962261019	
1.109932563	1.055052282	1.273414724	1.048970422	1.169833634		
YPL096W	YPL096W::PNG1::de-N-glycosylation enzyme	1			0.783972053	
1.148747863	0.986908633	1.279029117	1	0.979842872	1.066705427	
1.221600724	1.099140905	1	0.976796869	0.982757422	1.096200587	
1.019917419	1	0.875261203	0.641186504	0.769132801	1.065527942	1
1.501524283	2.468073491	1.964067314	1.336674312	1	1.043060507	
1.167349462	0.842203827	0.767853367	0.941239397	1	1.042892586	
1.263378079	1.304879502	1.214078154	1.609018042	1	1.305165185	
1.167766274	1.140938506		1.752404962	1.108540012		
YGL245W	YGL245W::YGL245W::glutamate-tRNA ligase	1			0.97308403	
0.753493354	0.963068351	0.699254046	1	1.187448043	1.044228633	
0.713951891	0.711110458	1	0.885326715	0.843864607	0.562309777	
0.727893323	1	1.718468403	1.543969089	1.372600283	1.256750791	1
0.763224271	0.585988318	0.438823114	0.738453851	1	0.96006677	
0.865171827	1.073536167	0.99601631	0.828578042	1	1.083458208	
1.245273703	0.915605266	0.757625841	0.867329938	1	1.241434315	
1.252488118	1.153880281	0.974066579	1.160343301	0.890509573		
YPL098C	YPL098C::YPL098C::molecular_function unknown	1			1.584094975	
1.669206999	0.816689928	1.090096464	1	1.231452367	1.323516081	
1.156108403	1	1.381228984	1.320267836	1.938103445	0.827570712	1
1.041264577	0.762214761	0.722569839	1.614692351	1	1.347263249	
1.620036052	1.59758292	1.107216468	1	1.347664953	1.26921337	
1.223757172	1.201658906	1.167628225	1	1.005912611	1.276512624	
0.928209401	0.715920026	1.233142577	1	0.94640817	1.113079515	
0.857997549	1.295513919	0.908035284	1.28366475			
YGL247W	YGL247W::BRR6::<u>B</u>ad <u>R</u>esponse to <u>R</u>efrigeration	1				
1.189229922	1.270370447	1.084244716	1.55668114	1	1.053210277	
0.942834606	1.661096992	1.497862023	1	0.820513985	0.978289429	
1.472478858	1.227336022	1	0.697524347	0.373681046	0.69089217	
1.418938219	1	2.105517793	2.102082816	1	0.843933461	
0.910702138	0.737396128	0.768657022	0.944279644	1	0.829037784	
1.18257931	1.099550634	1.069527542	1.702238651	1		
1.15760693	1.622058596	1.127486174	1.39486908			
YPL100W	YPL100W::MAI1::Maturation of pro-AmInopeptidase I (proAPI) defective; protein similar to Aut10p and YGR223Cp with three putative WD repeats	1				
1	1.721662653	1.791906473	1.677908803	1.801930536	1	1.671911873
1.741619653		1.839958016	1	1.461994264	1.715674207	1.733297443
1.781587005		0.7780786		0.673896523		0.497099293
	0.752296697		0.924421413	0.655325523	0.99719175	
0.936777662	1	0.865709186	0.540414355	0.5877678	0.65282528	
0.562278019	1	0.849246805	0.770768432	0.892337414	1.362686315	
0.674995638	1.360719714					
YGL261C	YGL261C::YGL261C::molecular_function unknown	1			1.044096583	
1.21633108	0.895689075	1.226066919	1	0.967146389	0.868812919	
1.321905433	1.194622818	1	1.092383716	1.104894213	1.86432253	
1.199841953	1	1.656520236	0.932632474	1.713984416	2.251375609	1
1.519700247	2.591864737	1.724754069	1.223590527	1	1.14780932	
1.349673222	1.250936964	1.11759648	0.916488122	1	0.912947864	
1.57569795	1.552548385	1.558407866	1.875430098	1	0.908600361	
1.334205505	1.047646331	1.18974785	1.265183932	1.229376134		
YPL102C	YPL102C::KRE24::Killer toxin REsistant	1			1.129248978	
1.069814073	1.338249833	0.970540496	1	1.234769816	1.117474045	
1.047906142	1.269763875	1	1.078860428	0.956971648	1.290445445	1
0.677525423		0.780598729	0.544111258	1	0.826956394	

	1	0.98757393	0.80727728	1.056015067	0.935884861	1.263398735	1	
		0.933239172	0.629778709	0.695414973	1.22962464	0.509578017	1	
		0.89950237	0.431732037	1.094785638	0.915920491	0.599150586	0.881753341	
YGL263W		"YGL263W::COS12::Protein with strong similarity to subtelomerically-encoded proteins including Cos2p, Cos4p, Cos8p, YIR040c, Cos5p, Cos9p, and Cos6p"						
	1	1.355231637	1.351518188	1.12948042	1.285019997	1		
	1.236367022	1.142255834		1.091546866	1	1.03417701	1.027569588	
	1.035923929	1.149948874	1				0.167640041	
		1	0.990999728	1.003793274		1.126628675	1.119604864	
			1.853591205	3.019873667	1		0.884883816	
YPL104W		"YPL104W::MSD1::Aspartyl-tRNA synthetase, mitochondrial"						1
	0.742192154	0.923418639	1.20087658	1.071498264	1	1.020137855		
	1.180675077	0.953209242	1.024327091	1	0.910097297	0.981025745		
	0.963895696	1.097097786	1	1.123143615	1.028241281	1.246028532		
	1.280119903	1	1.193110093	1.398224793	1.22198867	0.896429524	1	
	0.947095924	1.06140014	1.014637627	0.99934119	1.167209406	1		
	1.539359013	1.127056018	1.310046899	1.117533218	1.007452907	1		
	1.17885713	0.871849536	0.940272653	0.958366995	1.031436997	0.83446968		
YGR002C		YGR002C::GOD1::Protein required for cell viability						1
	0.754963709	0.948588265	0.92397751	0.889865809	1	0.956461187		
	1.031085403	0.974455942	0.856976218	1	0.81096491	0.888900819		
	0.7203689	0.962692704	1	0.77959763	0.654334859	0.913817888		
	1.047267853	1	0.884085756	2.354746765	1.430316348	1.214945	1	
	1.113435868	1.214486921	1.069081572	1.143922588	1.166421782	1		
	1.025777862	0.931901952	0.84827904	1.010655756	1.169889715	1		
	1.096160784	0.923854453	1.036044536	1.042835038	1.344334926	0.87825089		
YGR004W		YGR004W::YGR004W::molecular_function_unknown						1
	0.994601832	1.082239358	0.964882295	1	1.142045475	1.00903531	1.222056072	
	1.102395284	0.962561992	1	1.006657918	0.889403105	0.700715716		
	1.051656347	1	0.802229198		0.846522373	1.058425736	1	
	1.081375803	0.880598696	0.990061812	0.945266335	1	1.107397719		
	1.208643435	1.069081572	1.219842115	0.999356194	1	0.840709196		
	0.997086012	0.788693826	0.642515328	0.79720757	1	1.092440996		
	0.861059947	0.989709543	1.060832818	0.907954473	0.830967177			
YGR006W		YGR006W::PRP18::Prp18 acts in concert with Slu7 during the second step of yeast pre-mRNA splicing.						1
	1.25973804	1	1.323246827	1.932168959	1.439497085	1.213920962	1	
	1.349050563	1.712004307		1.396057646	1	0.564254263		
	0.781825799	1	0.934946785		1.194128717	0.845067941	1	
	0.843823491	0.582849126	0.790954906		0.886443734	1	1.237063788	
	0.808906961			1	0.924608533			
	1.088807939							
YER120w		"YER120w::SCS2::Suppressor of Choline Synthesis Likely to be involved in regulating INO1 expression, suppressor of a dominant nuclear mutation that is inositol-dependent in the presence of choline"						1
	1.047407399	0.922487236	0.684872862	0.627696824	1	0.928662653		
	0.903730277		0.753978366	1	0.937237585	0.952833928	1.156005615	
	0.78054333	1	1.179110958	0.843585195	0.955741405	0.967970559	1	
	1.078131976	0.860327747	0.941717748	0.836411781	1	1.040148654		
	0.854281769	1.028860651	1.121205404	0.73311046	1	0.81601685		
	0.865741794	0.706488168	0.617347167	0.863326707	1	0.839565959		
	0.89984242	0.789126259	0.861457507	0.938668951				
YGR008C		YGR008C::STF2::ATPase stabilizing factor						1
	2.654729626	1.810764947	2.497691537	1	1.573758933	2.053094299		
	3.266617307	2.409157733	1	1.661033549	3.795091003	8.614733356		
	2.042890549	1	7.92838547	9.361699791	9.769618849	10.64799584	1	

4.919564876 8.269444156 12.92808009 3.305762312 1 1.159929618
1.902647419 2.276341943 0.902570281 1.438705067 1 1.666525018
3.843392561 5.506864131 3.066077031 2.636719056 1 2.2063344
2.80992489 1.737762701 1.767002253 5.253422113 1.837059195
YER122c YER122c::GL03::Zinc-finger-containing protein with similarity to
Gcs1p and Sps18p 1 0.760112516 0.774552474 0.840995264 0.827792626 1
0.74000221 0.761352054 0.765839029 1 0.744274871 0.774481261
0.657845858 0.905041803 1 0.653839555 0.696930784 0.611212389
0.800001904 1 0.906967971 0.850247907 0.878959139 1.234370531 1
0.889105659 0.889477159 0.782817608 0.833418819 0.969336672 1
0.836464952 0.948023532 0.753606395 0.766820714 0.841961169 1
1.025744396 1.110650089 1.029144917 0.931682924 0.936744327 1.282789189
YER136w YER136w::GDI1::Regulates vesicle traffic in secretory pathway by
regulating dissociation of GDP from Sec4/Ypt/rab family of GTP-binding proteins
1 0.856795618 0.735293505 0.900768385 0.575455316 1 1.033028153
0.956793053 0.772083951 0.698809128 1 0.888172426 1.029343101
0.850925705 0.901925935 1 1.230080452 1.149610245 1.147644916
1.11260768 1 1.210865385 0.759423928 1.156395966 1.30248035 1
1.037203849 1.023753201 1.299827175 0.975237675 1.025380989 1
0.947773108 0.974109474 1.040654463 0.813823624 0.640227656 1
1.337810244 1.315790529 1.426410924 0.881633709 1.254759704 1.081395653
YER138c YER138c 1 1.208193717 0.917823097 1.471940051 0.840801867 1
1.206708267 1.253374983 0.98020999 0.855149455 1 1.533938228
1.415713735 0.694431272 1.369704023 1 0.977807117 1.690417117
1.180580732 0.737713369 1 0.409064906 0.291104737 0.327828934
0.642145408 1 0.916748528 0.779279789 1.164054819 1.187207128
0.881811034 1 1.006721507 1.232175626 2.576990111 4.333452364
1.68887426 1 1.29426728 2.042772341 2.673944467 1.010097317
1.140144795 0.909773366
YER140w YER140w::YER140W::molecular_function unknown 1.076144854
0.926997864 1.101373826 0.826249818 0.991838943
1.024674529 1.044077308 0.860981649 0.712825277 1.109194553 1
0.740577999 0.506420124 0.680172067 1 1.981310624 1.350142338
1.383749543 1.252573914 1 1.05206139 0.921590802 1.158797311
1.120923177 1.12380431 1 0.846472725 0.745777473 0.803333734
0.744336207 1 1.150439067 0.836151783 1.310706774 0.631753889
0.834672004 0.825713448
YER142c YER142c::MAG1::3-methyladenine DNA glycosylase 0.780635962
0.903082654 0.907934526 1.128751254 0.761547922 0.77545766
0.982547597 0.936776076 1.365512656 1.751680379 0.940808454 1
2.492722431 3.028393224 3.094266117 1 2.520757441 4.204736203
3.007240987 1.626719496 1 1.124863529 2.254892928 1.348755049
0.745585068 1.13305093 1 1.515410846 3.147232484 2.396065961
1.259189399 1.618031746 1 2.053291461 1.454917777
1.718940787 1.416759659
YER144c YER144c::UBP5::Putative Ubiquitin-specific protease 1
0.713733145 0.692899023 0.802732203 0.610068284 1 0.811421456
0.948101999 0.658323139 0.625181094 1 0.994143672 0.862525865
0.7798845 0.720005183 1 0.952580772 0.758258897 0.757533652 1
1.006887147 1.043184474 0.630162339 1.093296964 1 1.166114834
1.346006448 0.767727864 1.006423798 1.0280134 1 0.926876632
0.93549004 1.362768431 1.035879365 0.781334828 1 1.025772368
0.923787862 0.927509392 0.607303897 0.869632429 0.881753341
YER146w YER146w::LSM5::Like Sm-E protein 1 0.981535236
1.146533935 2.073078975 1 1.056435891 1.848931573 1.799682355 1
1.285376195 1.360455128 0.840097317 1.674137246 1 0.798058679
0.553545275 0.573576451 0.794951987 1 2.133788073 2.127979548

	1.55680562	1.354397495	1	0.92695565	1.411966632	1.067957605		
	1.213329315	1.237674277	1	1.37914519	1.840679463	1.96796899		
	1.98195205	1.574636864	1	0.914423132	1.16280003	0.911932322		
	0.971374326	0.872976844	0.773176006					
YER160c	YER160c	1	1.05249702	0.78238196	1.397599233	0.750316811	1	
	1.096225382	1.113365064	0.964210184	0.781110664	1	1.408801076		
	1.277963629	0.568470278	1.515243257		1.794420423	0.425669943		
	1.838723345	1.009469503	1	0.44590645		0.251614985	0.838559693	1
	0.957849177	0.80470476	1.40933128	1.273260704	0.821130658	1		
	1.08301969	1.322822842	2.924567545	4.718266639	1.958478442	1		
	1.207008156	1.837380758	2.299126753	0.915108669	1.039974675	0.992957567		
YER160c	YER160c							
		1	0.975558235	0.784940076	1.10509095		0.926114389	
	0.968336097	0.85922032	0.977397425		1.222411837	1	1.31081329	
	1.587361006	0.783794686	1.451297753	0.778163133				
YER162c	YER162c::RAD4::Nucleotide excision repair protein					1		
	1.010689186	1.152601376	1.270434028	1.171371642	1	1.342544172		
	1.089167337	1.306322069	1.311856774	1	1.272382083	1.404077529		
	0.573394551	1.139073477	1	1.233333977	1.469220214	0.911414309		
	1.187103471		0.895244416	0.854319314		1	0.882223513	
	1.129439412	1.092428008	0.874876856	0.931353301	1	1.249284174		
	1.08582539	1.834793225	1.195584621	1.088947734	1	1.271215722		
	1.043789154	0.894963649	0.449882956	1.452042703	1.092778775			
YPL106C	"YPL106C::SSE1::HSP70 family member, highly homologous to Ssalp and Sse2p"							
	1	0.811050345	0.643087932	0.994383384	0.533621785	1		
	1.02595246	0.864641294	0.550183146	0.711406241	1	0.886285998		
	0.801871336	0.662257426	0.74682095	1	1.212866289	1.018861567		
	1.273881866	1.133125999	1	0.710591142	0.534622306	0.435790426		
	0.766990772	1	1.097637703	0.97199239	0.911792007	1.477986173		
	0.75951766	1	1.975099872	1.128641233	0.898701185	0.616371495		
	0.481392949	1	1.030927522	0.898676445	0.824612232	0.619123015		
	0.442487908	0.654966775						
YPL120W	YPL120W::VPS30::Required for sorting and delivery of soluble hydrolases to the vacuole.							
	1	0.64362172	0.840508354	0.923827881				
	0.950900064	1	0.801011991	0.925494333	0.812509524	0.818767161	1	
	0.780709446	0.916811611	0.802292071	0.981471092	1	0.925914357		
	0.609889036	1.133636389	1.368203715	1	1.074661813	2.463577171		
	2.058012176	1.093087631	1	1.097701996	1.307112573	0.95980764		
	0.837625602	1.044917119	1	1.146699495	1.332042598	1.222832189		
	1.175279869	1.431623478	1	1.373456697	1.340988771	1.270396968		
	1.363977825	1.287412724	1.052500067					
YPL122C	YPL122C::TFB2::Transcription/repair factor TFIIH subunit						1	
	0.727431048	0.729088023	0.933459132	1.074321163	1	0.860212074		
	0.832134503	0.735714498	0.966435561	1	0.628477392	0.597931831		
	0.677741825	0.861893827	1	0.783578264	0.552135107	0.802772632		1
	0.646363213	1.479374312		0.985554702	1	0.993795847	0.966689806	
	1.059207998	0.868345708	1.029663019	1	0.920086517	0.858970526		
	0.962154683	0.784439209	0.668472772	1	0.92508155	0.874274228		
	0.918548153	0.965263855	0.696846917	0.868618994				
YPL124W	YPL124W::SPC29::spindle pole body component						1	0.996543904
	1.434450166	1.049464518	1.681870101	1	1.082012095	1.195263222		
	1.520222368	1	0.949540479	1.090583331	1.977396531	1.416901305	1	
	1.064723316	0.912661654	0.774447362	1.151578346	1	1.00835458		
	1.431861664	0.826290457	0.630225926	1	0.991732397	1.090103383		
	0.768071122	0.689624877	1.165559912	1	1.420310554	1.46542708		

	1.550692908	1.5689421	2.202766394	1	1.236585487	1.307300587
	1.342746201	1.522564896	1.866046057	1.593635726		
YGR022C	YGR022C::YGR022C::molecular_function unknown				1	1.617451242
	2.172444442	1.638955087	1	2.011209014	1.687593101	1
	2.145206657	2.236882937	1.805665368	1	0.735573646	
	1.404387887	0.635976337	1	0.793799434	0.74663232	1
	1.780748138	1.209666573		1		
	1	0.842183209				
YPL126W	YPL126W::NAN1::part of small (ribosomal) subunit (SSU) processosome (contains U3 snoRNA); Net1-Associated Nucleolar protein 1				1	0.694563342
	0.512583259	0.748347998	0.562586269	1	0.680120406	0.579576924
	0.632188629	0.699656961	1	0.427182456	0.274709132	0.213547731
	0.773140485	1	0.224517978	0.216412151	0.185243963	0.397861763
	0.311033017	0.491271513	0.259644626	0.458199554	1	0.687386188
	0.386447848	0.605135287	0.817423661	0.675805456	1	0.738358352
	0.473026265	0.453584166	0.817868713	0.569333837	1	0.617826327
	0.540884736	0.967386572	0.754842601	0.381483202		
YGR024C	YGR024C::YGR024C::molecular_function unknown				1	1.215228546
	1.214844966	0.919854589	1.561316855	1	0.879508234	0.864925282
	1.374561741	1.218504396	1	0.80081804	1.010407491	1.035387356
	0.961625428	1	2.018469949	1.415162689	1.168183052	2.207083629
	1.971688222	1.762349845	1.992076877	1.235152729	1	0.763265477
	0.679423234	0.452022793	0.526048447	0.796140473	1	0.903649038
	1.529141341	1.06114309	1.179676578	2.242600858	1	1.242640735
	1.482158314	1.079393283	1.917581769	1.483921204	1.415008433	
YPL128C	YPL128C::TBF1::TTAGGG repeat binding factor				1	0.978576065
	0.878192627	0.979707084	0.70948695	1	1.090403319	0.960601281
	0.74122749	0.746616559	1	1.031817655	0.938818131	0.677514696
	0.908799607	1	0.533796579	0.492468072	0.532620665	0.445664401
	0.268184211	0.419070187	0.308369029	0.346338031	1	0.933553528
	1.139046209	0.670095862	1	0.644879486	0.520552865	0.733489108
	0.875258296	0.515020034	1	0.685315038	0.869489695	0.596021298
	0.695117383	0.518369415				
YGR026W	YGR026W::YGR026W::molecular_function unknown				1	1.376118312
	1.276909441	1.209051404	1.661926171	1	1.142033449	1.286099809
	1.389383069	1.402771135	1	1.191241202	1.174447498	1.664007796
	1.120222796	1	1.916974067	1.644117301	2.038238072	1.335601566
	1.085100963	0.736585098	1.161034047	1.116384353	1	0.964841252
	1.149482042	0.821072174	1.02916027	0.893531921	1	0.936204452
	1.119772333	0.8182434	0.815122488	0.938336195	1	1.307529791
	1.108558915	1.016100765	1.295998119	1.642214845	0.814330326	
YPL130W	YPL130W::SPO19::sporulation-defective; SPO19 was found as a weak high-copy suppressor of the spo1-1 ts mutation. The gene is specifically induced late in meiosis (Primig et al. (2000) Nat Genet 26:415-423)				1	
	1		1.936485059	1.952615831	1	
	1.66080783		0.313651304	0.537953	0.336948262	1
	0.989903914	1.955561182	0.262760358	1.223803343	1	0.953087785
	0.849925446	0.978146349	1.053527605	1	0.983871701	0.826596388
	0.872408036	0.817812326	1	1.030706006	1.125626706	0.964225881
	0.964501462	1.06063732				
YGR028W	YGR028W::MSP1::40 kDa putative membrane-spanning ATPase				1	
	1.045637197	1.201734779	1.35971818	1.42905874	1	1.218299698
	1.265312433	1.627883067	1.2950269	1	1.014762979	1.078948054
	1.27863454	1.336849124	1	2.48164076	1.642434694	1.747415221
	2.114641627	1	2.301889907	1.619818872	1	1.074064084
	1.465743254	1.156169099	0.973097162	1.084028909	1	1.17391948

1.286504481 1.151066925 1.109409111 1.452607112 1 1.455218216
1.392334138 1.164051548 1.443829773 1.875042128 1.252142274
YPL144W YPL144W::YPL144W::molecular_function unknown 1 1.555952147
2.059021475 1.476018847 2.649303809 1 1.384036404 2.179231136
2.057130664 1 1.223513831 1.256418427 1.624362196 1.594943973 1
0.712261234 0.393906919 0.301424883 0.710557955 1 1.087661915
0.961786765 0.967163458 0.900490033 1 1.261238581 1.178798447
0.952831969 1.136391272 1.073248307 1 0.967456991 1.291853669
1.222429687 1.423204065 1.644375331 1 1.153494746 1.021617865
1.393293019 1.562566706 1.800282939
YGR030C YGR030C::POP6::Processing Of Precursors - a group of proteins that
appear to be components of both RNase P and RNase MRP 1 1.120632718
1.343238717 0.952293448 1.537350854 1 0.950649982 0.868732325
1.75873888 1.370538395 1 0.76008288 0.825657781 1.121146062
1.015569999 0.364840662 0.506867121 0.35397307 0.606506879 1
0.900550493 1.30547079 0.592217003 0.990579837 1 0.800783159
0.760513831 0.528945855 0.711822846 0.943594512 1 0.67951707
1.065131041 1.12292802 2.5820479 1 0.719493849 1.042203472
0.972346777 1.605283189 1.358091762 1.428142781
YPL146C YPL146C::YPL146C::molecular_function unknown 1 0.765503577
0.942610566 0.936913249 1.256331479 1 0.830240958 0.820064989
1.09568683 1 0.711516513 0.591833989 0.690726013 0.953850273 1
0.430959441 0.320525097 0.347202871 0.827376749 1 0.468067902
0.777026509 0.512068086 0.737903428 1 0.620186087 0.574091947
0.443028098 0.526877306 0.862718318 1 0.864558398 0.890831534
0.707636037 1.288749259 1.500400113 1 0.75108805 0.903834394
1.059406155 1.194304093 0.749939395 0.806449707
YGR032W "YGR032W::GSC2::Highly similar to FKS1 (GSC1). GSC2 and FKS1 encode
redundant catalytic components of 1,3-beta-glucan synthase. Deletion of both is
lethal" 1 1.523500508 1.292987955 1.725481861 1.298799574 1
1.624873604 1.596811819 1.287858498 1.228537319 1 1.562472306
1.525876558 0.91061975 1.837497145 1 1.300866404 0.846013602
0.818837217 1 0.725100949
0.883024937 0.779522239 1 1
1.567853847 1.079197234 1.584645475 2.165418195
YGR032W "YGR032W::GSC2::Highly similar to FKS1 (GSC1). GSC2 and FKS1 encode
redundant catalytic components of 1,3-beta-glucan synthase. Deletion of both is
lethal"
1 0.932129795 0.710234236 1.432688437 1.453819272 1.078798057 1
0.714246477 0.618249574 0.749964764 2.630612854 0.613457873 1
0.918768279 0.798227855 1.23203694 0.964175192 0.861596899 0.603304945
YPL148C YPL148C::PPT2::Phosphopantetheine:protein transferase (PPTase) that
activates the low molecular weight acyl carrier protein (ACP) of mitochondrial
type II fatty acid synthase (FAS). 1 1.355684767 1.416754207 1.200938743
1.463585125 1 1.189288524 1.198977983 1.886127435 1.85739267 1
1.07040943 1.097501423 1.378078498 1.405493093 1 0.667242056
0.538197454 0.681849124 1.750038173 1 0.921039125 1.796700362
2.224210975 1.38146359 1 1.166409743 1.142323919 1.25596186
0.974356028 1.050078373 1 0.601734082 0.929972043 0.852039053
0.894589279 0.90790281 1 1.097665925 1.096346457 1.106297063
1.275831092 1.850193439
YGR046W YGR046W::YGR046W::molecular_function unknown 1 0.901745038
0.959553692 0.923334784 1.118417181 1 1.033715874 0.998331234
0.902288143 0.803245515 1 0.866063067 0.884302649 0.745559629
1.000468784 1 0.91294322 0.849523124 0.829639121 1
1.333751729 0.919385159 1.116360339 1.1669044 1 0.891774044

0.955335793 0.78157749 1.18417014 1.164945951 1 0.810882535
 0.487426984 0.477462777 0.76932397 1.290158505 1 0.91896976
 0.605317032 1.119510655 1.153726769 1.472140582 1.041116945
 YGR048W YGR048W::UFD1::Ubiquitin fusion degradation protein
 0.807724294 1.03974082 1.086837915 0.804712544 1.053333366
 1.042364519 1.279930707 0.920596282 0.937981693 1.438495135
 1.471224528 1.029896473 1 1.956628794 1.489540342 1.609163075
 1.880286459 1 1.476978701 1.224548707 1.430296544 1.080168163 1
 1.063287515 1.737293757 1.633600505 0.835201511 0.937779253 1
 1.326559304 1.545338226 1.531103656 1.131815965 0.967655971 1
 1.77094644 2.031594814 1.575594131 1.146367658 1.563616923 1.14706739
 YGR050C YGR050C::molecular_function unknown 1 1.286133066
 1.279049733 1.007784161 1.446994535 1 1.138806349 1.105537105
 1.629222756 1.17641795 1 1.120258189 1.124943825 1.583544788
 1.135529219 1 1.070680417 0.795142544 0.98354428 1
 1.66696306 2.629537367 1.651325516 0.954187067 1 0.897080934
 0.603842319 0.866375473 0.883036997 1 1.143615329 0.73246921
 0.685219014 1 1.334843328 1.331074592 0.906900157 1.450436944
 1.195972951 1.17596308
 YER164w "YER164w::CHD1::Sole S. cerevesiae member of CHD gene family
 containing Chromodomain, Helicase domain, and DNA-binding domain" 1
 0.781084534 0.728011248 1.111499025 0.69064796 1 1.022407237
 1.064915389 0.783113345 0.722182499 1 1.073296348 0.89319609
 0.960055448 0.785898224 1 0.7811331 0.608524185 0.373697043 1
 0.758793919 0.953599483 0.694587125 0.84905276 1 0.903996421
 0.847431694 0.845987213 0.88924878 0.914112886 1 0.962120427
 0.630969173 0.86392055 0.956893447 0.655305418 1 0.870819329
 0.819087437 0.907782085 0.68485056 0.772936532 0.819584055
 YGR052W YGR052W::molecular_function unknown 1 1.432243454
 1.495022683 1.521469079 1.424497483 1 1.367890136 1.477030385
 1.323801327 1.065190215 1 1.304355814 1.915406544 2.148384444
 1.35344249 1 4.695230234 3.230445525 3.919199846 1.610400338 1
 2.962439401 1.695961259 1.696329775 1.068563423 1 1.934000157
 1.528487907 1.187948553 0.990750679 0.931394639 1 1.419482398
 1.449070809 1.386959294 1.156361587 1.226439296 1 1.466245118
 1.708135961 0.94783412 2.06001705 0.867743381
 YER166w YER166w::DNF1::Drs2 Neol Family 1 1.544834946 1.001524164
 1.397907729 1.263108374 1 1.341280454 1.44324326 1.410867352
 1.345066997 1 1.244447024 1.316084754 0.847450848 1.316853679
 0.581912968 1 1.081216219
 1.136805975 0.635242193 0.97227223 0.921824156 1 1.141078389
 0.915597492 1.000348006 0.906570269 1.116697466 1 0.992898044
 0.783882039 0.742502003 0.736519679 0.735046738 1.179465531
 YER166w YER166w::DNF1::Drs2 Neol Family
 0.601444558
 0.41910993 2.079886514
 0.834152812
 YER168c YER168c::CCA1::tRNA nucleotidyltransferase (tRNA CCA-
 pyrophosphorylase) 1.031818505 0.95319068 1.137154437 1.051412707
 0.950421512 1.056643498 1.08538676 0.995852002 0.929733252
 0.842536104 1.216883357 1 0.871027849 0.65246277 1.015863571 1
 1.400290862 1.295838247 1.226711011 1 0.987879699 0.874541202
 0.943902108 0.916422787 0.947276489 1 1.066594577 1.074962452
 1.104403285 0.888407466 0.842787385 1 1.108665287 1.077593756
 1.069936701 0.628651966 0.771247048

YER170w YER170w::ADK2::Adenylate kinase (mitochondrial GTP:AMP
phosphotransferase) 1 0.897999305 1.144596604 1.031882558 1
0.898474 0.967130459 1.376845719 1.088329736 1 1.111626241
1.020290456 1.168274713 1.211183794 1 0.989587989 0.830431555
1.787246842 1 2.956739405 2.07418728 2.408636407 1.430528175 1
1.105241628 1.273514021 1.208868552 0.893594685 1.218775279 1
0.95195643 1.306036277 1.01345927 1.118965569 1 1.996343738
1.650230572 0.500253968 2.215464559 1.200480549
YER184c YER184c::YER184C::molecular_function unknown 1.09338287
1.046573776 1.199770607 0.864429643 1.163509639 1.263139274
1.100255102 1.236471204 0.870581676 1.334362042 1
0.814060799 0.613817797 0.649644107 0.831821312 1 1.637297502
1.511780862 0.900728739 0.836550776 1 1.070334232 0.991048129
0.954503694 0.944639784 0.964332851 1 0.988314661 0.924410721
1.1227221 0.9396833 0.827503413 1 1.207389315 1.106104784
1.241802154 0.101882893 1.122956298 0.950927634
YER186c YER186c::YER186C::molecular_function unknown 1 1.061362969
0.90487768 1.039039706 1 0.91653858 0.819854353 1.256976535
1.169467386 1 0.733860438 0.742640461 0.751815557 0.982487797 1
0.838677461 0.478862521 0.57367431 1.28916075 0.784648587
0.67428604 0.774175336 0.482687502 1 1.053231189 0.962387283
1.134208093 1.002964108 1.203402657 1 0.870415433 1.099388812
0.936946344 0.716337484 1.154826571 1 1.196615912 1.083464191
0.955423957 0.868936564 1.241675824 1.125176811
YER188w YER188w::YER188W::molecular_function unknown 1 1.13212277
1.114395373 1.281813666 0.984584833 1 1.061708069 1.218915614
1.448457301 1.284205827 1 1.229130178 1.309721217 1
0.56703506 0.880484527 1.209286961 1 1.790886439
1.558230047 0.849899776 0.616280964 0.983047188 0.956872
0.5433985 0.8847779 2.419387235 1.830791232 1
1.165640701 1.637881991 2.596275408 1.018350701
YER190w YER190w::YRF1-2::Y'-helicase protein 1 1 0.866758536
0.687915618 0.900571291 0.435369153 1 1.017368507 1.101462686
0.57950645 1 0.878326839 0.94329573 0.445578462 0.845145626 1
0.760628577 0.806593745 0.753525189 0.381711317 1 0.578542447
0.401495132 0.469591806 0.816966122 1 0.80137035 0.838261907
1.405511339 1.146565517 1.118923737 1 0.714309712 0.571873192
0.687854093 0.85718834 0.5214615 1 1.079289441 0.924270722
1.45983504 0.866659846 1.182019954 0.638329872
YFLTyB YFLTyB 1 0.753736013 0.654982653 1.128930805 0.688409714 1
0.95892543 0.973199816 0.713014207 1 1.118202079 1.240946939
0.397892301 1.144957487 1 1.106776612 1.291519346 0.977592235
0.707977942 1 0.419300719 0.272020289 0.362346872 0.647862895 1
0.953709151 1.115172197 1.327980409 1.158117493 1.068287871 1
1.055868017 1.721727015 1.946078805 2.991404376 1.539826006 1
1.343818317 1.989844541 2.495889006 1.367283931 1.548514922 0.856360259
YFL002C YFL002C::SPB4::involved in the maturation of 25S ribosomal RNA
1.147559461 0.895110963 1.033791258 1.231310328 1.064332138
1.195131973 1.328235905 0.99705769 0.664246298 0.53754037
1.304013365 1 0.38373782 0.58466933 1 0.88740357
0.997654047 0.928334244 1.078009884 1 0.871197496 0.752837286
0.695908208 0.788570473 0.870939446 1 0.771420966 0.758940831
0.741570947 0.867762416 0.996191684 1 0.699477623 0.54958332
0.815655824 0.666548329 0.554938969 0.735524137
YPL150W YPL150W::YPL150W::molecular_function unknown 1 0.836682461
0.842160101 1.229305624 0.877182924 1 1.028106589 1.13036608
0.921460172 1.013813398 1 0.404539707 1.110326893 0.698774877

1.133204068	1	1.094648636	1.07741321	0.609931658	1
1.097381887	0.85168839	1.082155116	1	1.14880734	1.239722898
1.303911776	1.222367935	1.028751601	1	1.093904174	0.883207303
0.970879303	0.988822149	0.813657301	1	1.008849557	0.901336499
0.996376477	0.889532274	0.82512194	0.789812857		
YPL152W	YPL152W::RRD2::Resistant to Rapamycin Deletion 2				1
1.642523117	1.484767367	1.530706439	1	1.472645639	1.580491684
1.510493029	1.50903536	1	1.499034972	1.456389762	1.610877731
1.439825274	0.920478145			0.994341163	0.493606802
0.930358227	0.278654665	1	1.223634922	1.245466754	1.425328059
1.083082168	1.043568703	1	1.269979389	1.15678564	1.184855779
0.940242823	1.168579997	1	1.090556356	1.00155971	1.122354158
1.142134023	1.066366267	1.218868573			
YPL154C	YPL154C::PEP4::vacuolar proteinase A				1
0.815537767	1.107954326	1.081644086	1	1.046339512	0.885596393
1.187894681	1	1.254551257	1.609729605	1.789815243	1.171328208
2.449976574	2.175334811	3.02686931	1.458197868	1	1.289383886
0.686750599	0.858279213	1.094986171	1	1.47041033	1.722309543
2.571192223	1.531141284	1.061418269	1	1.518227146	1.59560529
2.25573308	1.576627596	0.619845203	1	1.327168589	1.40786019
1.592334734	0.836100832	1.834980661	0.914151482		
YNL203C	YNL203C::YNL203C::molecular_function unknown				1
1.253926841	1.763707617	1.417734484	1	1.647812038	1.663373467
1.578698453	1.818351363	1	1.506161691	2.0205808	1.869803887
1.014593505	1.928694654	2.28305323		0.593725159	
1	0.869824524	0.720351004	1.313039044	1.106678555	1
0.86798597	0.562906312	1.118707776	1.482918717		0.873796237
0.706178392	1.28668066	0.591932165	1.781113574		
YPL168W	YPL168W::YPL168W::molecular_function unknown				1
1.072742481	1.156293963	1.01767455	1	1.17329028	1.083468234
1.143256722	1.058346801	1	1.163124321	1.132431999	1.12381584
1.650301696	1.245582575	1.507549205	1	1.564661867	1.297381214
0.935248692	0.994066679	1	1.107432265	1.145727697	1.148621218
0.937825994	1.005228799	1	1.125864092	1.140294981	1.083628464
0.980005089	1.184071085	1	1.129805476	1.123928139	1.153372082
1.227685229	1.317211206	1.142689274			
YNL205C	YNL205C::YNL205C::molecular_function unknown				1
1.515420092	1.481738365	1	1.338159601	1.206684575	1.467961434
1.667712703	1	0.918818474	1.008669676	1.4563077	1.216144038
0.783995659		1.372694161		0.331787591	0.563582385
0.288090494	1	0.792603457	0.654935081	0.904885095	0.965876586
0.887876586	1	0.782099079	0.758643879	0.696447718	0.836571189
0.691297271	1	1.000799384	1.229332836	1.006381527	
YPL170W	YPL170W::YPL170W::molecular_function unknown				1
1.590982392	1.818980187	1	1.416136498		2.030593695
1.962546501	1	0.869389433	1.411786105	1.972882066	1.564385503
0.871772439	1.364059244	1.134514908	1.200836883	1	0.803363345
0.699873824	1.179088465	0.812514123	1	0.852198818	0.915459185
1.092066295	1.271056562	1.083629695	1	0.984199288	0.833181379
1.286995646	1.481912369	1.432731117	1	0.725495731	0.87808048
1.356546841	1.130804827	1.390394877	1.333575354		
YNL207W	YNL207W::RIO2::Protein required for cell viability				
1.028124619	0.883335364				
0.906463462	1	1.247602415		1.431279408	0.720630686
0.861849952	0.820838212	0.889342758	0.911375144	1	0.885134184
0.7391733	0.837213551	1.091252063	0.933066634	1	0.909413464

0.855712439 0.543716328 0.96237472 1.158858647 1 0.87200155
 0.842065141 0.963182658 1.369909773 0.630856445 0.78018096
 YPL172C YPL172C::COX10::Required for an essential posttranslational stage in
 assembly of cytochrome oxidase 1 0.863230106 0.825336024 1.095584027
 0.79631414 1 1.076218826 0.82930967 0.960754204 1
 0.877831634 0.737076606 0.691927274 0.798811206 1 0.920269231
 0.928601399 1 1.357940753 1.858791041 0.963742791 1.562809048 1
 0.962837357 1.155620554 1.119800913 1.000361893 1 1.04512973
 0.711972527 0.809613519 0.793543026 0.785332856 1 0.903826972
 0.601063498 0.824742924 0.832076664 1.036363299 0.712757945
 YNL221C YNL221C::POP1::Required for processing of pre-tRNAs and the 5.8S
 rRNA precursor 1 0.895228584 0.779291639 1.064762855 1
 0.941572833 1.0114292 0.811850553 0.754858402 1 0.912354248
 0.864121818 0.467141414 1.015135187 1 0.766667546
 0.57981518 1 0.987314093 0.832805838 0.620587213 1
 0.86293725 0.891184006 1.026833784 1.199295424 1.147521475 1
 0.79787487 0.635386398 0.599103634 0.990146299 0.773435295 1
 0.842945895 0.759978032 1.145879214 1.061436904 1.002715009 0.93253961
 YPL174C YPL174C::NIP100::Nuclear import protein 1 0.712176418
 0.907875105 0.930275228 1.040312819 1 0.982658157 0.886817587
 0.895594816 0.840648312 1 0.815946301 0.831559145 0.636256481
 0.981384593 0.582628204 0.355545146 0.605735103 0.866438363 1
 1.076691514 1.814721468 1.440651571 1 0.870069508 0.907468141
 0.669856008 0.718402005 1.13194809 1 0.907400579 1.001223474
 0.995406024 0.947067654 1.162774298 1 1.048910314 1.2472348
 1.302075496 1.341588833 1.028858158
 YNL223W YNL223W::AUT2::Involved in autophagy. Interacts with Tub1p and Tub2p
 and forms a complex with Aut7p. Required for sporulation. 1 0.907705508
 1.168257554 1.171431768 0.913810128 1 1.196770528 1.446105587
 1.202397606 0.865810425 1 1.314411611 1.391468652 1.335881351
 1.324492672 1 1.210832474 0.814130911 1.417043386 1.383989034 1
 1.055430766 1.053048991 1.374970754 1.405603372 1 1.04449495
 1.405145987 1.260781661 1.039063762 1.137455487 1.017241981
 1.004046435 1.020131141 0.908005929 0.756670365 1 1.285165412
 0.927403896 1.243435948 0.756634629 1.373209988 0.732897299
 YPL176C YPL176C::YPL176C::molecular_function unknown 1 0.738604654
 0.797544518 0.897027261 0.638561155 1 0.892856306 0.952337085
 0.616361798 0.679205105 1 0.799574037 0.857018499 0.605701684
 0.811046234 1 0.717504347 0.530172562 0.59039115 0.692925867 1
 0.902240462 0.792898691 0.953704575 0.735567559 1 0.981955938
 0.989906398 1.11896812 1.062172729 0.974563615 1 1.004173876
 0.74862408 1.106439272 1.014354852 0.613034393 1 0.883007842
 0.744154623 0.994709006 0.619778797 0.814023531 0.757414768
 YNL225C YNL225C::CNM67::chaotic nuclear migration; predicted mass is 67kDa
 1 0.766939308 0.959060133 1.345554329 1.332589643 1 0.965752747
 1.121643419 1.223911949 0.996200087 1 0.81737078 0.931096878
 0.850421725 1.25691183 1 0.656503496 0.504688307 0.516332959
 0.82905416 1 1.090684353 1.510396322 1.689836904 1.547557594 1
 0.808606182 0.693759008 1.118651125 1 1.246412546 1.43681996
 1.50181584 1.809460864 1 1.680608832 1.492283513 1.439190928
 1.138927244 1.704974189
 YPL178W YPL178W::CBC2::cap binding complex 1 1.917204461
 1 1.818625114 1 1.904352448
 2.112139986
 1.009487315 1.006060356 1.008273287 0.98313758 1.139116098 1
 0.940641216 1.060341739 1.114408101 1.330709086 0.941818541 1
 0.962483899 1.214442214 1.047096462 0.912109918 20.467711

YNL227C YNL227C::YNL227C::molecular_function unknown 1 0.902751459
1.178479763 1.214473711 1.236593927 1 0.911772182 0.900795146
1.08940626 1.238054221 1 0.751350579 1.20995905 1
0.67031145 0.493025364 0.76184099 1 0.728618864 0.982752644
1.00410851 1 0.585379157 0.637930035 0.484454593 0.533231678
0.956576903 1 0.854963377 1.355828833 0.699690028 2.22598641
2.993955707 1 0.910845438 1.08092682 1.30526428 0.902206386
1.205272814 2.07785567
YPL192C YPL192C::PRM3::pheromone-regulated membrane protein 1
1.4444023 1.482974513 1.486773768 1.780442472 1 1.197429961
1.552491986 1.647505205 1 0.824736331 0.922601644 1.489608804
1.136332836 1 0.593171229 0.673958286 0.767655658 1
0.640887771 0.99424059 1.21954465 1 0.869853666 0.692777966
0.977100172 1 0.647854267 0.579074454 0.707349105
1.338259535 1 0.880223607 0.800590259 1.022691424 1.303831174
1.630411878
YNL229C YNL229C::URE2::Nitrogen catabolite repression regulator that acts by
inhibition of GLN3 in good nitrogen source. Altered form of Ure2p creates
[URE3] prion. 1 0.89300895 0.96156551 1.07127211 1.093375894 1
0.95603595 0.910925215 1.081792058 0.981039715 1 0.87698924
1.023589562 0.935280524 1.013572772 1 1.071626866 0.783031741
1.139941991 1.076740986 1 1.093329869 0.886513615 0.922140343 1
0.865318467 0.987989697 0.722729111 0.748168771 0.880749551 1
0.849583842 0.971464191 0.617575756 0.700082925 0.746073323 1
1.241614211 1.103512548 1.100484229 1.127717609 1.21422571 0.854609034
YNL231C YNL231C::PDR16::involved in pleiotropic drug resistance by
controlling lipids in various cellular compartments; positively regulated by
PDR1; putative phosphatidylinositol transfer protein. 1 1.239096091
1.475307486 1.246078968 1.684557832 1 1.158930738 1.194762626
1.457981142 1.43296032 1 1.404492365 1.401419041 1.143174619
1.378177917 1 1.938257878 1.663230114 1.247693597 1.89271415 1
1.580217706 1.507785726 1.132086503 0.891915007 1 1.070034413
1.235234537 1.207219873 0.896360288 1.160039932 1 1.145430635
1.504663318 1.025605184 0.955384582 1.187366226 1 1.152510603
1.450406626 1.128425781 1.484511675 1.183422137 1.605894408
YNL245C YNL245C::CWC25::Complexed with Cef1p 1 1.61478929
1.578906305 1.011925137 1.549158897 1 1.313898889 1.150079584
1.667314286 1 0.994360139 1.096369921 1.529458671 1.189902047 1
0.796328314 0.578228743 0.724691491 1.365629258 1 1.329757643
2.109927283 1.424745073 0.943114581 1 0.975925356 1.023257008
0.82679949 0.901224986 0.851042933 1 0.869120024 1.12829047
0.774684954 0.788825673 1.277220968 1 0.889245228 1.169291858
0.809863961 1.336080674 1.013725699 1.353714707
YPL194W YPL194W::DDC1::DNA damage checkpoint gene 1 1.019030949
1.380511656 1.37209158 1.072434246 1 1.367897395 1.169374193
1.197050978 1 0.983997703 1.195023432 1.044705976 1.510627926
0.5816975 0.61513 0.702566615 0.925576197 1 0.818872229
1.868062352 1.429203278 1 0.790223659 0.926756868 0.832176868
0.750764671 0.991296713 1 0.816945214 0.668221888 0.875909809
0.909057483 0.615048957 1 0.927687877 0.940336804 1.353349448
0.889976725 0.858987149
YPL196W YPL196W::OXR1::OXidation Resistance 1 0.940586508 1.389209099
1.066957989 1.363707297 1 1.190504764 1.158424922 1.500727176
1.161016135 1 1.011812618 1.603409643 2.071064464 1.152834881 1
1.67692865 1.189631529 1.19428811 2.1591884 1 2.741171065
3.024692282 3.889738925 2.23857234 1 1.314213819 1.618046897
1.079677917 0.939213977 1.212721664 1 1.207163986 1.540527947

1.600212306 1.119627741 1.381117329 1 1.504628902 1.382392311
1.077472623 1.006822199 1.693807946 1.281037964
YPL198W YPL198W::RPL7B::Homolog of mammalian ribosomal protein L7 and E.
coli L30 1 0.928004268 0.825338034 0.811337477 1.168168132 1
0.882764981 0.8769853 0.956666555 1 0.735185729 0.619003091
0.521877452 0.801414085 1 1.012149325 0.575053826 0.445377084
0.663011799 1 0.950605261 0.327625432 0.35391782 0.854721064 1
1.041807176 0.851599124 1.213364657 1.138368849 0.972297252 1
1.106959758 1.311167161 0.964272016 0.720824365 1.238635456 1
0.871825381 0.820080247 1.048916187 1.46058029 0.972838249 1.119047469
YNL247W YNL247W::YNL247W::not yet annotated 1 1.025654206 0.888077368
1.182426342 1 1.226685635 1.105288329 0.726667612 0.790545238 1
0.976980531 0.789423407 0.330222335 1.086358129 1 0.80485029
0.481745803 1 0.471141456 0.300376553 0.353667944 1
1.355074428 1.308006575 1.168531041 1.622416053 1.316274699 1
1.695608874 0.772089796 0.803925128 1.00128246 0.626182612 1
0.864351609 0.679879631 0.737184799 0.933236365 0.675301168 0.719762951
YPL200W YPL200W::CSM4::Chromosome segregation in meiosis
0.84954748
1 1 0.930522147
0.86964091 1.026491249 1.172191987 1 0.654315568
0.797671977 0.822041811 0.888422637 1 0.763459358 0.727727709
1.090626756 0.80379574 1.036540637
YNL249C YNL249C::MPA43::Overexpression leads to increased levels of the
lyase PDC1 1 0.967388387 0.974829664 1.002070318 1.15274007 1
0.996243064 1.18610144 1.161440313 1 0.999317582 1.014863582
1.226886361 1.230466963 1 0.888586058 0.95907909 1.330745754 1
1.097670599 1.944273546 1.144566327 0.73331156 1.094469289
1.048336793 1.017398251 0.803761091 0.976009422 1 1.1507316
0.981457426 1.205371419 1.120159123 0.872485466 1 1.291303374
1.32960781 1.119746552 1.149330816 0.898363477 1.302928543
YPL202C YPL202C::AFT2::Activator of Iron (Fe) Transcription 1
0.773004576 0.879941349 0.902809216 1.131326246 1 0.76625221
0.777972529 0.907037543 1.037150827 1 0.804906698 0.696297881
0.661354422 1.008592971 1 0.756904682 0.44773563 0.55672139
0.691477408 1 1.347140959 1.399155963 1.098776871 1.219411624 1
0.994269854 1.229213881 0.971660913 0.926787579 1.13355004 1
1.034266691 0.840220183 1.026869499 1.175713363 0.914508503 1
0.877352715 0.860182094 1.116874097 1.024962854 0.818099006 1.034987604
YNL251C YNL251C::NRD1::RNA recognition motif-containing protein that
participates in sequence-specific regulation of nuclear pre-mRNA abundance 1
1.003514126 0.916195669 0.971060433 0.871679708 1 1.160076465
1.027272899 0.662593148 0.81944537 1 0.905515396 0.99327827
1.111871849 0.841800062 1 0.838180164 0.980877557 1.2521619
0.97525843 1 0.962648043 1.400394232 1.298299758 0.902427081 1
0.782913435 0.823453224 1.073328486 1.050338191 1.015629433 1
0.742591043 0.577299096 0.691042087 0.62543732 0.513447363 1
0.825971518 0.735905746 1.092561564 1.064084655 0.960312084 0.852857756
YPL216W YPL216W::YPL216W::molecular_function unknown 1 1.179293915
1.146065287 1.156653183 1.257925884 1 1.120383067 1.129092434
1.190342089 1.161286192 1 1.144307587 1.021047937 1.082628999
1.131099324 1 0.809809343 0.567798866 0.903576829 0.969796925 1
1.960971517 2.344363447 1.615976047 1.222119141 1 1.150769558
1.21298679 1.104318115 1.153606851 1.161672532 1 0.901460793
0.852872076 0.948392601 0.862336633 0.965320748 1 0.91168111
1.056818344 1.156436154 1.268967464 1.101009226 1.170709299

YNL253W YNL253W::YNL253W::molecular_function unknown 1 0.853427103
 0.800247653 0.972627824 1.317474344 1 0.959059751 1.024433189
 0.837957298 1.261143285 1 0.845914172 0.891909515 0.925661765
 1.155940496 1 1.370616263 1.077057282 1.122824349 1.861868435 1
 1.448324094 1.481772772 1.850872238 1.779998993 1 1.017190951
 1.186603473 1.1344297 0.923942857 1.118944803 1 1.129552465
 1.224339256 1.31813735 0.824764625 1.025906282 1 1.559085993
 1.194057623 1.152345943 1.105610332 1.172481654 1.048997512
 YPL218W "YPL218W::SAR1::Secretion-Associated, Ras-related. Component of
 COPII coat of vesicles; required for ER to Golgi protein transport" 1
 1.464985916 1.211596039 0.83537585 1.299136432 1 1.1419251
 0.961156491 1.035023161 1.190350742 1 1.059983755 1.105665564
 1.363831498 0.842536467 1 1.072035899 0.659233786 0.811528438
 1.14108825 1 1.475341803 1.425375242 1.582381341 1.186926508 1
 1.573711648 1.353269409 1.191916217 1.325991784 1.210399413 1
 1.031561536 1.263357292 1.010262489 0.714574826 1.243024615 1
 1.006366348 1.329879359 0.941911665 1.627690705 1.171075336 1.509575756
 YNL255C YNL255C::GIS2::GIG3 suppressor 1 1.335161825 1.288412577
 1.022786246 1.523885047 1 1.013101464 0.949310409 1.272731598
 1.171703824 1 1.064115982 0.785647941 0.791633615 1.077289732 1
 0.792204822 0.430386898 0.402946423 1.226813941 1 1.743421859
 0.783890208 1.026689503 1.153265045 1 1.214320228 1.060385832
 0.827824436 1.09631433 1.176464862 1 1.261266025 1.311590467
 0.912367068 0.903824649 1.498463316 1 1.111091076 0.980782527
 0.847503122 2.118143529 0.90117987 0.953554524
 YPL220W "YPL220W::RPL1A::Homology to rat L10a, eubacterial L1, and
 archaeobacterial L1; identical to *S. cerevisiae* L1B (Ssm2p)" 1 1.245484837
 0.958397092 0.682506038 0.962526584 1 0.807608702 0.820990729
 0.864448368 1.006499845 1 0.782176267 0.835054403 0.648146924
 0.662868758 1 0.778393885 0.339355729 0.235796708 0.677310893 1
 1.286598199 0.642911158 0.441158752 0.859428714 1 1.323338024
 1.027744327 1.525445214 1.563234241 1.068468819 1 1.236694202
 1.527293956 0.770738343 0.554399444 0.997357215 1 1.033517319
 0.9666669 0.796211208 1.356436706 0.942298055 1.346709701
 YNL269W YNL269W::YNL269W::molecular_function unknown 1 1.59635729
 1.795189933 1.591055837 1.569617798 1 1.798319921 1.44812027
 1.599435853 1.641902797 1 1.392354456 1.487236379 1.611576883
 1.571300468 1 0.376025957
 1 1.524663928 1.841979974 1.602262626 1.233837918 1.522543258 1
 0.865987003 0.947229223 1.102978218 0.81419737 0.680458972
 0.993105239 0.914465304 1.083355985 0.951099305 0.894086029
 YPL222W YPL222W::YPL222W::molecular_function unknown 1 0.784495757
 0.981401475 1.146968479 0.704499657 1 1.350505623 1.091785055
 1.121946368 1 1.162411258 1.446642524 1.59941245 1.377889409 1
 2.029123095 1.805232055 2.239041715 1 2.17649753 2.233589837
 2.943659602 2.177059757 1 1.054828834 1.229334376 1.706166968
 0.95370505 0.862707472 1 1.010080759 0.954341321 1.486960175
 1.204721817 0.59491001 1 1.112601211 1.359583178 1.376703423
 0.713489636 1.479698966 0.852857756
 YNL271C YNL271C::BNI1::Protein involved in cytoskeletal control and required
 for proper bipolar budding pattern; interacts with Rho1p 1 1.043806413
 1.19432036 1.183445759 1 0.964692569 0.902056133 1.038200624 1
 1.078998246 1.141079529 1.021116592 1 1.100674947 1.272140231
 1.184995456 1.089744519 1 0.859946665 1.656236649 1.067986783 1
 1.235327765 1.028928092 1.080154703 1.065598271 1.212962803 1
 1.201556769 0.986278766 1.061222111 0.879294164 0.821052442 1
 1.038176871 0.992919784 0.871820984 1.023903423 0.885828049 1.118171805

YPL224C YPL224C::MMT2::Protein involved in mitochondrial iron accumulation
1 0.92168206 0.991441105 0.956253209 0.876736797 1 0.896985394
1.056505826 0.873409323 1 1.265091097 1.372105964 1.197001889
1.116639369 1 1.404095859 1.80894981 1.571215556 1.185780223 1
1.23464855 0.991508093 0.74845782 1 1.294598648 1.419886155
1.467061794 1.073791203 0.974108749 1 1.548179677 2.096872996
2.082367382 1.404352629 1.068181077 1 1.705718487 1.467531657
1.189826936 0.984604351 1.466267682 0.945673958
YNL273W YNL273W::TOF1::topoisomerase I interacting factor 1 1
1.363339007 1.264051096 1.438831038 1.464811666 1 1.604078763
1.464197454 1.378649569 1 1.182415725 1.038787799 1.120630682
1.286397252 1 0.789614653 1.145148664 1.18800711 1.612407299 1
0.65104275 0.776156125 1 1.273004822 1.064673472
1.339228129 1.615922008 1.382447104 1 0.897347828 0.703178008
0.770499668 0.865153222 0.54647919 1 0.82527629 0.770219642
0.800856672 0.715388437 0.99093127 0.589294933
YNL275W YNL275W::YNL275W::molecular_function unknown 1 1.224698857
1.048056318 1.189677644 1.260932289 1 1.192085732 1.120093464
0.929899104 1 1.131348667 0.842708709 1.055474517 0.92653861 1
0.5608134 0.569708157 0.770355591 0.759643373 1 0.850876564
1.355688923 1.736845962 1.18360866 1 0.961744628 0.848269109
0.787446053 0.957340399 0.812652924 1 0.753455339 0.915069079
0.904992931 0.606909823 0.744898894 1 0.854196701 0.893518304
0.81676375 0.929947202 0.883377936 0.952678964
YNL277W "YNL277W::MET2::catalyzes the conversion of homoserine to O-acetyl
homoserine which in turn combines with hydrogen sulfide to form homocysteine,
the immediate precursor of methionine" 1 1.595045575 1.624540604
1.235805821 0.87690995 1 1.269667492 1.249251664 1.109855601 1
2.276092042 3.065274104 2.07846436 1.313504565 1 1.02772517
0.912905821 0.781260669 1.647428594 1 1.268454012 0.71772138
1.381471437 1 1.187543925 0.938819205 1.074761449 1.055637828
0.973456137 1 1.528229995 0.78441788 0.798185587 0.959056151
0.960091529 1 1.245991696 0.750656932 0.89962865 0.721994562
0.61201033 1.117296244
YPR128C YPR128C::ANT1::adenine nucleotide transporter 1.230055729
0.957745961 0.999622517 1.057286562 0.98795403 0.995134112
1.013609681 1.284869889 1.316550153 1.109545159 1.077417841
1.047518281 1 1.06806624 1.012478379 1.006479398 1
1.501510534 1.39179551 1.14981214 0.92687718 1 1.155711612
1.157203446 1.438625711 1.223146572 0.995563463 1 0.888503595
0.860060003 0.818297887 0.618419213 0.658855874 1 0.850432228
0.948288738 0.960342483 0.879769576 0.750823898 0.879126451
YPR130C YPR130C::YPR130C::molecular_function unknown 1 1.171689624
1.52590268 0.97547524 1.550556667 1 1.016035714 1.167276539
1.474091657 1.514570103 1 0.940920633 1.159187734 1.658304567
1.195453548 1 1.039043558 0.735293976 0.948661517 1
1.895106738 3.511199955 2.1856053 1.189834174 1 1.010814887
0.989771943 0.867965785 0.74057565 0.934551183 1 1.063116555
1.323600611 1.087252593 1.128782601 1.299409076 1 0.762667582
1.506386844 1.37552485 1.56879383 1.529484094 1.382610293
YJL225C YJL225C::YJL225C::molecular_function unknown 1 1.413002363
1.313269489 1.278463561 1.227698301 1 1.413159814 1.23278009
1.475965308 1.307299506 1 1.27375472 1.154533722 1.021733267
1.058997195 1 0.917697812 0.843278574 0.739611576 1.675296319
0.481965143 0.508778706 1 1.158164034 1.631540715
1.141860192 1.1720537 1.250815167 0.957468138 1.224328207

1.264480546 1.08460343 1 1.073831585 1.093244764
1.089839748 0.586125591 -5.034838
YJR002W YJR002W::MPP10::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA) 1 0.802667054 0.758966558 0.968565693 0.832171351 1
0.891105442 0.827073661 0.793016371 0.916943611 1 0.676729869
0.583438323 0.311894925 0.980256146 0.774355728
0.610632764 1 0.811995737 1 0.780446509
0.998373805 1.101479168 1.14367779 1 0.904137726 0.864802519
0.865241017 0.844881601 0.936035909 1 0.887016485 0.809028465
1.04186982 0.74179895 0.563901851
YJR004C YJR004C::SAG1::alpha-agglutinin 1 1.067031495 0.685929097
0.949130561 0.459284687 1 1.197213039 1.108623699 0.501274263
0.458602066 1 1.040682291 0.753373066 0.281698307 0.386422104 1
1.350343754 1.334738334 1.051494828 0.499427632
1 1.217031855 0.733652827 0.935926503 1.315905716 0.782479146 1
1.076972877 0.858089971 0.816892239 0.708172105 0.804662458 1
0.998091101 0.92042648 0.95123719 1.075302669 0.382647694
YJR017C YJR017C::ESS1::Mitotic regulator; structurally and functionally
homologous to human PIN1 1 1.021323208 1.111526045 0.615171064
0.589680594 1 0.73299633 1.025704386 0.643563298 0.74347334 1
0.965814012 1.057528586 1.317204668 0.660305501 1 0.946882106
0.973031779 1.400721483 1 1.648958023 1.350552307 1.660704399
1.551436563 1 1.107138913 1.637904508 1.435301863 1.382519337 1
0.968771966 1.184322872 1.196455793 1.230703558 1.282944808 1
0.949973298 0.861471629 0.889149616 0.966883408 0.822402937 1.084898103
YPL226W "YPL226W::NEW1::This gene encodes a protein with an Q/N-rich amino
terminal domain that acts as a prion, termed [NU]+." 1 1.131496892
0.68185213 1.20171219 0.675491292 1 1.230723103 1.04133797
0.730766382 0.769145748 1 0.854654932 0.538424743 0.254673798
0.905808451 1 0.233020474 0.176453315 0.191156948 0.251298658 1
0.254331271 0.372290021 0.140599833 0.402271444 1 0.724889931
0.593141604 0.796300433 1.153741248 0.83328394 1 1.315945027
0.738143798 0.621549879 0.982440219 0.556773255 1 0.664903938
0.607227946 0.81194564 0.698074275 0.556767867 0.513115686
YJR019C YJR019C::TES1::Thioesterase 1 1.021212087 1.088086598
0.90829711 0.622644364 1 1.184335807 1.302444818 0.764848174
1.046421634 1 1.35876773 1.405614025 1.891863061 1.00683004 1
1.342868638 0.925737464 1.430750771 1.281340979 1 1.665973573
1.34526261 1.149857364 1.642389655 1 1.14283141 1.085572225
1.331136956 1.548918493 1.410117793 1 0.980781582 0.672763639
0.714270439 0.742859878 0.641628353 1 0.750916867 0.539865833
0.768993982 0.641880369 0.718148187 0.473712592
YPL240C YPL240C::HSP82::82 kDa heat shock protein; homolog of mammalian
Hsp90 1 0.909438548 1.028957863 1.3453876 0.962652479 1 1.060651183
1.373224585 1.058530035 0.87450551 1 0.88300642 1.180767133
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1.143243998 1.095428179 1.061756705 1 1.107984184 1.291278818
1.123967087 1.122456268 1 1.213096862 1.332465963 1.552919733
1.084345464 1 1.337988068 1.707858951 1.089627824 1
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1.023026313 0.945199646 0.855173184 0.977314744 1 1.075091842
0.897151259 0.991513597 1.114794934 0.965120123 0.985077
YPL244C YPL244C::HUT1::similar to UDP-galactose transporter 1
1.005494443 0.884276122 0.935997357 1.001513005 1 0.866728858
0.787202911 0.909449466 1.001665691 1 0.901593495 0.684418624
0.756145863 0.839556147 1 0.728807751 0.453196058 0.547539369
0.619370678 1 0.879874112 0.555663812 0.613690113 1.175407818 1
0.935849892 0.947610235 0.811080356 1.199530705 1.110593349 1
0.51787324 0.604932033 0.550272198 0.541040041 1 0.729233895
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YJR023C YJR023C::YJR023C::molecular_function unknown 1 1.140393915
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0.37609798 0.485694837 1 0.892096145 1.164340706 0.82147328
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0.736365565 0.849915011 1 1.052143341 1.403123961 1.068031636 1
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0.853912011 0.808765319 0.684986825 0.871245884
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1.102375818 0.886689759 1.392093967 0.686482742 0.81280269
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0.809623924 1 1.069433152 0.950715894 1.113277101 1.367391113 1
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YNL293W YNL293W::MSB3::Multicopy Suppressor of Bud Emergence 1
1.049570155 1.1842417 1.077044885 1.169097096 1 1.173747732
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1.010998814 1.102642912 1.350233103 0.825697604 0.925377765 1
1.330652255 1.156867532 1.001004607 1.133323018 1.335844501 1.126928036
YPL248C YPL248C::GAL4::Positive regulator of GAL genes 1 1.302306261
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1.178736021 1.108093481 1 1.251084992 1.218167209 1.175542541
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1.58242032 0.709292547 1 1.128805047 1.149922787 1.136629704
1.18890223 1.015611808 1 0.906178306 0.850579881 0.737200364

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 0.999171345 1.026895095 0.814669047 1.359935834 1.116420579
 YPL250C YPL250C::ICY2::Interacting with the cytoskeleton
 Involved in
 chromatin organization and nuclear transport
 Genetically interacts with
 <i>TCP1</i> and <i>ICY1</i> 1 2.646298157 1.977331555 1.085660224
 1.833400447 1 1.238304391 1.37198958 1.350580359 1.594761747 1
 4.80114501 2.189199803 1.132596496 0.986064865 1 1.164112002
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 YNL297C YNL297C::MON2::protein with similarity to N-terminal region of the
 human protein BIG1 1 1.27671451 0.973117917 1.553693799 0.981539723 1
 1.536455994 1.625794428 0.861228314 0.866993401 1 1.216794363
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 0.819428813 0.773215574 0.752878452 0.902088059 0.708576493 0.801195979
 YPL264C YPL264C::YPL264C::not yet annotated 1 1.707555184 1.656321805
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 YNL299W YNL299W::TRF5::TRF4 homolog; TRF4/5 function is required for proper
 mitosis 1 0.782681091 0.725896352 1.141526475 1.219727325 1
 0.903181639 0.99825082 1.048737182 1.232388638 1 0.468691052
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 0.683159537 0.503748204 0.572299884 0.829745048 1 0.533062358

0.674417016 0.560435529 0.900792977 0.713561548 1 0.570838064
 0.688983802 1.109386128 1.088164444 0.81957742 0.817832829
 YPL266W "YPL266W::DIM1::Dimethyladenosine transferase, (rRNA(adenine-N6,N6-
)-dimethyltransferase),reponsible for m6[2]Am6[2]A dimethylation in 3'-terminal
 loop of 18S rRNA" 1 0.914727667 0.749022882 0.752827678 1.042407452 1
 0.785411031 0.669347405 0.914875771 1.101121911 1 0.639904265
 0.432309991 0.428801706 0.999127939 1 0.460406134 0.191310631
 0.272743517 0.598821482 1 0.60286443 0.669098394 0.516609498
 0.513266965 1 0.946104634 0.80473904 0.674791631 1.009410085
 0.972191426 1 1.110926098 0.970757193 0.633658236 0.908979228
 1.485767971 1 0.992271575 0.918793592 0.860880771 1.473095984
 0.652591764 0.859862762
 YNL301C YNL301C::RPL18B::Homology to rat ribosomal protein L18 1
 1.542914717 1.241120756 0.89097429 1 1.142773128 1.058108674
 1.098762616 1.062313681 1 1.046717473 0.924017161 0.825022138
 0.89546241 1 0.762316679 0.358094976 0.241377693 0.633051322 1
 1.162153749 0.777942134 0.470935051 0.740709835 1 1.363439714
 0.64509923 0.888833018 1.318444584 1.066998453 1 1.175656589
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 1.258901738 0.8441904 1.716417172 0.950184179 1.304679768
 YPL268W "YPL268W::PLC1::Hydrolyzes phosphatidylinositol 4,5-biphosphate
 (PIP2) to generate two second messengers, inositol 1,4,5-triphosphate (IP3) and
 1,2-diacylglycerol (DAG)" 1 0.873979128 0.873184169 1.044080006 1
 1.007595736 0.867195263 1.014665752 1.124031424 1 0.700174572
 0.839104267 0.748509266 1.021905322 0.876734446 0.76066556
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 YNL303W YNL303W::molecular_function unknown 1 1.254179769
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 0.651087547 0.283655062 0.238200134 0.661217252 1 1.260521124
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 0.353965856 0.588980431 1.070410138 1 1.014859703 1.212004206
 0.703262279 0.50946168 1.166343922 1 1.474933723 1.622363863
 0.87007921 2.660113168 1.426882776 1.048121951
 YPL270W YPL270W::MDL2::ATP-binding cassette (ABC) transporter family member
 1 0.823496944 0.855341236 0.870477525 0.748705117 1 0.914884822
 0.962186834 0.819546332 0.79375157 1 0.959708211 0.833102065
 0.931983278 0.798684849 1 1.00109443 0.511052392 0.672501702
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 0.953087095 0.865024502 0.692603762 0.694107291 0.771579429 1
 0.925716813 1.076800312 1.039128925 1.0711594 1.01096336 1.191724213
 YNL317W YNL317W::PFS2::Polyadenylation Factor I subunit 2 1
 1.509503258 1.73065067 1.389812319 1 1.590988743 1.434867218
 1.368318998 1.212511102 1 1.239475676 1.385015007 1.2393071
 1.478679179 1 0.988565514 1.166117853
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 0.91366091 1.068659205 1 1.312496038 0.941782555 1.274650273
 0.827567748 1.090412591 1 0.947488943 1.067315342 0.894830091
 1.445235194 0.816645699 0.772300393
 YNL319W YNL319W::molecular_function unknown 1 1.543025026
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 1.523374728 1.452016081 1 1.366557689 1.334889047 2.131013607
 1.07349379 1 0.996893445 1.247094575 1.199928897 1.142022778 1

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0.8304744	0.735078765	1.07848901	1.165794202	1	0.72008432	
0.531231097	0.606911985	0.974262385	0.657940565	1	0.623254654	
0.544512841	0.698430912	0.57764017	0.854920121	0.704877326		
YNL321W	YNL321W::YNL321W::molecular_function unknown				1	1.361351398
1.264393948	1.180536645	0.779449955	1	1.647317328	1.452451497	
0.791215146	1	1.640383707	1.620554059	0.930406087	1.015461384	
0.655444671	0.494471598	1			1	
1.032419958	0.931517079	1.206373136	1.197176557	0.635945832	1	
0.739797223	0.601597584	0.828658704	0.910177669	0.417008442	1	
0.931809222	0.717872564	1.101569312	0.783265594	0.997570773	0.551643116	
YJR043C	YJR043C::POL32::Polymerase-associated gene				1	0.72116283
0.92455121	1.078465859	1	0.741607411	0.776363316		
0.929916131	1	0.673787517	0.660857426	0.627988847	0.984673707	
0.475223032	0.342958279	0.468061967	0.795909586	1	0.898759082	
1.144893178	0.760271082	1.012830784	1	0.896713068	0.939360216	
0.806076477	0.712097747	1.179033815	1	1.017141076	1.274393415	
1.02304584	1.057540822	1.251566848	1	1.028380058	1.054809565	
0.956477199	1.35255376	0.927569931	0.887882787			
YJR045C	YJR045C::SSC1::Nuclear-encoded mitochondrial protein; member of the heat shock protein 70 (HSP70) family; most similar to E. coli DnaK protein; acts as a chaperone for protein import across the inner membrane				1	0.929667828
0.814822872	1.093348868	0.627502967	1	1.159021705	1.469891724	
0.663917316	0.66983727	1	1.030386908	0.931316534	0.818336929	
0.534467775	1	1.644376943	1.505180333	1.962055391	1.116299509	
0.666189013	0.665491296	0.559839015	0.823255254	1	1.308153195	
0.90277662	1.272464152	1.360494556	0.939766551	1	1.286094888	
0.634164535	0.545350228	0.545200311	0.274658221	1	0.890477318	
0.583937039	0.579173163	0.433423599	0.45349698	0.675106128		
YJR047C	YJR047C::ANB1::hypusine containg protein; ANB1 is expressed under anaerobic conditions and repressed under aerobic conditions whereas its homolog HYP2 is inversely regulated				1	1.911512687
1.936585341	1	1.630077426	1.370104376	1.437181862	1.390987325	
1.243975485	1.127209004	1.365755372	0.943756247	1	0.741603617	
0.45281762	0.559210878	0.574692376	1	0.561889962	0.390606892	
0.583374948	0.780559831	1	1.103665907	0.596499783	0.749294924	
1.125576548	1.149678521	1	0.674742621	0.555556045	0.255890046	
0.391595858	1.214795151	1	0.644909527	0.545740092	0.647147551	
1.530764413	0.696170291	1.167206744				
YJR049C	YJR049C::UTR1::associated with ferric reductase				1	0.958835376
1.072382963	0.964253514	1	1.124224217	1.156027946	0.894550481	
0.992363928	1	0.970078057	1.12007634	1.044006112	0.92171839	
1.335770935	0.878880518	1.217711122	1.495869715	1	1.309967241	
1.270103175	0.826394134	1.154230135	1	0.842887299	0.980393505	
1.135283565	0.959489821	1.233818864	1	1.096659458	1.15952675	
0.970684679	1.155359854	1.104926227		1.022648373	0.900199088	
0.947806098	0.770560961	1.209236781				
YPL272C	YPL272C::YPL272C::molecular_function unknown				1	1.677708809
1.603668419	1.506542865	1.645055267	1	1.4637368	1.778903158	
1.245222746	1.548822037	1	1.406239877	1.291618578	1.410987065	
1.499189518						
1.224380525	1.244627346	1.375052381	1.03291191	1.282009095	1	
1.404096467	1.212857358	0.934689692	0.970269748	1.03914631	1	
0.809531673	0.940052292	1.019750448	1.279987894	0.971028233	1.191724213	
YJR051W	YJR051W::OSM1::osmotic growth protein				1	0.92762204
1.017606554	1.213320687	0.885247627	1	1.090932273	1.0943146	
1.157013913	1.005052487	1	1.176653831	1.482790754	1.099211424	

1.226800139	1	2.032816265	1.974297435	1.83002329	1.471956409	1
1.596122454	1.460795158	1.568879068	0.933462722	1	1.174778179	
1.48327438	1.950422164	1.747369439	1.684143902	1	1.446811939	
0.932309138	1.5588765	1.064391258	1	0.950892015	0.672977019	
0.917964222	0.655952972	0.797419301	0.545513775			
YPL274W	YPL274W::SAM3::S-adenosylMethionine	Permease	1	1.416816432		
1.092011912	0.957956188	0.764146001	1	1.106715529	1.065049833	
0.848993964	0.846105774	1	1.26520505	1.108085471	0.607393977	
0.679059799	1	0.870069136	0.495296103	0.441963937	0.701963862	1
1.113836111	0.814590021	0.668844566	0.872042529	1	0.91419795	
0.926084987	0.86370542	1.108734698	1.080020231	1	1.181385358	
0.806471449	0.625760864	0.943165697	0.684735181	1	0.950405718	
0.787625097	0.896683429	0.865831094	0.963469392	0.695245482		
YJR065C	YJR065C::ARP3::actin-related	gene	1	1.562341901	0.867571687	
0.944312381	0.843777805	1	1.222794989	1.346458662	0.638953563	
0.624150248	1	0.986285126	1.177622096	1.087419669	0.655115323	1
1.817127756	1.801467511	2.145609245	1.457642258	1	1.07730619	
0.735134717	0.93830242	0.897975589	1	1.083803011	0.963359661	
1.381530166	1.161993694	0.961122087	1	0.823816955	0.839544127	
0.74979325	0.688473841	0.465408479	1	0.98877739	0.805418719	
1.011795389	0.707992769	0.716103374	1.164579958			
YPR005C	"YPR005C::HAL1::Protein induced by NaCl, KCl, or sorbitol; involved in halotolerance (tolerance to salt)"	1	1.178453991	1.228826973		
0.884231248	1.234511586	1	1.19838642	1.128628237	1	
0.960098084	1.120795714	1.278199168	0.975871942	1	1.034965734	
1.685385516	1	2.365520639	2.761534754	2.340618	1	
0.979092377	0.932249937	0.962955963	0.961413931	0.917823384	1	
0.884636383	0.92044832	0.872508444	3.368663311	1	0.795241594	
0.946288147	1.267522729	0.895676477	2.093688374	1.429018341		
YJR067C	YJR067C::YAE1::Essential protein of unknown function	1				
1.130746327	1.4588299	1.151111532	1.789473148	1	1.141964285	
1.162888814	1.670542658	1	1.175944516	1.1569573	1.382445469	
1.438765797	1	1.058549384	0.743551757	1.04998499	1	
1.828339339	1.814784482	1.146783221	1	1.031157634	1.066112094	
0.798101655	0.696448407	1.12696013	1	1.234039575	1.688020988	
1.522978661	2.64174957	1	1.147337296	1.401023088	0.91200069	
1.844925497	1.97278089					
YNL323W	YNL323W::LEM3::Product of gene unknown	1	1.737729571			
1.580169334	1.719740655	1.625082524	1	1.589683427	1	
1.302399846	1.350360513	1.458561224	1.378557162	1	1.080227195	
0.837793677	0.648440997	0.699059761	0.685981535	1		
0.950705624	0.944513164	0.874740372	0.946461204	0.821858653	1	
0.853251131	1.067771083	1.13774321	0.952163876	0.790387967	1	
1.132615222	1.043767711	0.944752519	1.098614427	1.045993886	0.984201335	
YPR007C	YPR007C::SPO69::Required for sporulation; highly induced during sporulation.	1	0.48768381	1.253585626	1.024687214	1
1.471775413	2.091202321					
0.936777662	1	1.0323019				
0.570649209	0.736139815	0.186520289				
YJR069C	YJR069C::HAM1::Product of gene unknown	1	1.657931669			
1.49860742	1.196390052	1.995641929	1	1.117115849	1.134033198	
1.822754109	1.692456415	1	0.964985518	1.102336816	1.266576416	
1.378068566	1	0.817700087	0.592459156	0.474235649	0.938722848	1
0.784958328	0.678221977	1	0.963472417	0.910002847		
1.014926646	0.983416222	1	1.28436052	1.643729416	0.956275752	

1.596564127 1 1.119431745 1.067315342 0.794423797 1.808990772
1.408878988
YNL325C YNL325C::FIG4::FIG4 expression is induced by mating factor. 1
0.794358048 1.031754197 0.920105414 1 0.910758284
0.945845339 1 0.778839797 0.931589566 0.656778784 1.123105108
1.448194091 1.113385265 1.211470206 1.241894993 1 0.740044036
1.190973944 1.037294072 1.571390306 0.835403044 0.983908674
0.946675438 0.886173245 1.045861148 1 0.873753815 0.793403749
1.146473206 0.941023034 0.760308493 1 1.122198697 1.335585386
1.259375395 1.089455795 1.30456532 0.950927634
YPR009W YPR009W::SUT2::Involved in sterol uptake; homologous to SUT1 1
1.126251014 1.177680969 0.96023011 1.304676576 1 0.973175199
0.875584395 1.044915706 1.008839775 1 0.915368327 0.629618879
0.748770181 0.856501449 1 1.548688422 0.551300314 0.724061512
1.159694297 1 1.302189568 1.012092857 0.82552267 1.047079934 1
0.861861313 0.823933062 0.703828885 0.900020032 0.935338298 1
0.787546089 0.835706716 0.695767243 0.666379664 1.620465102 1
0.974085087 0.771773965 1.047091183 1.149094962 1.409403743 0.986828225
YJR071W YJR071W::YJR071W::molecular_function unknown 1 1.344492
1.044722497 1.238448605 0.962903178 1 1.1034029 0.986469969
1.122984129 1.205267468 1 0.910068177 0.524636304 0.445968464
1.265825186 1 0.238576049 0.210860688 0.507183934 1
0.578561234 0.210628577 0.355848143 0.406076041 1 0.74211357
0.401345479 0.616118373 1.497211031 1.003906993 1 0.928718926
0.345158698 0.267531028 0.580325412 0.397029071 1 0.630335972
0.275893076 0.680987558 0.804579621 0.229082784 0.898390244
YNL327W "YNL327W::EGT2::cell-cycle regulation protein, may be involved in
the correct timing of cell separation after cytokinesis" 1 0.73567236
0.569258041 0.917867303 0.551566276 1 0.846333097 0.903802145
0.475685782 0.534928981 1 0.950980383 0.741452937 0.373596999
0.495778414 1 0.868665466 0.744058851 0.91781662 0.46569308 1
0.463786974 0.34658497 0.335931682 0.479006545 1 0.983641835
0.8501536 1.132343343 1.047216709 0.978885738 1 1.141897617
0.617349146 1.06126878 0.384317524 0.575134153 1 0.743819273
0.698085868 0.755121722 0.797874821 0.596126932 0.603304945
YPR011C YPR011C::YPR011C::molecular_function unknown 1 0.947615165
1.010108335 0.981015949 0.969096551 1 1.043607819 1.131685066
1.147187842 1.230106771 1 0.66574724 0.990068026 1.237722428
0.892830197 1 0.946023044 0.753765307 0.992929013 1.193430532 1
1.315941456 2.11445986 1.994751027 0.708698794 1 1.226747257
1.083152461 1.254797097 1.164429415 1.111996542 1 0.978067223
0.664091461 0.688610067 0.762173883 0.702188758 1 1.213156804
1.036560167 0.678802058 1.080912391 0.95793264
YJR073C YJR073C::OPI3::Second and third steps of methylation pathway for
phosphatidylcholine biosynthesis 1 1.38695453 1.620030176 0.819799077
0.802583612 1 1.260041839 1.335557171 0.920980405 1.029942246 1
1.066470105 1.248847386 1.815898578 0.544388383 1 1.371859277
0.743462808 1.019039275 1.924609987 1 1.450989955 1.147090538
1.117566496 1.518574167 1 1.308963138 1.380559752 2.257450064
1.66410484 1.226898917 1 0.768052774 1.217561002 1.804042038
2.005309202 1.122982579 1 0.95037922 1.108907055 1.46222294
1.116748701 1.446446856 1.659307463
YNR002C YNR002C::FUN34::Highly homologous to Ycr010p and similar to Yarrowia
lipolytica glyoxylate pathway regulator GPR1 (see MIPS) 1 1.15302078
1.083779237 0.94032023 1.085771667 1 1.110404617 1.112914414
1.151458918 1 1.19756898 1.073203059 1.303174368 0.960509957 1
0.970423405 0.741762399 0.975484966 1.082338455 1 0.789158083

0.799043074 0.767456775 0.661355887 1 1.027603414 0.873778905
 0.937394929 1.086502317 0.914957952 1 0.865978178 0.932293153
 0.982467231 0.779819728 0.797048909 1 0.923217206 0.800603069
 0.838314133 0.882541096 0.89360045 1.120798695
 YPR013C YPR013C::YPR013C::molecular_function unknown 1 1.030426358
 1.073513952 1.056369684 1.009987616 1 1.019561713 1.263184067
 1.078304008 1.116065673 1 1.106190027 1.096769982 1.210487809
 1.293015657 1 1.047097586 0.750726559 1.201934522 1
 1.290717853 1.793427994 1.321162009 0.772719884 1 0.93846923
 1.058305091 1.175870649 1.065297711 1.006317535 1 0.99561511
 0.759137141 0.828744452 0.893309082 1.302324893 1 1.013573384
 0.798688667 1.075744141 0.747704218 1.057154052 0.851982143
 YNR004W YNR004W::YNR004W::molecular_function unknown 1 1.298869903
 1.262756901 1.00393138 1.414098597 1 1.049321489 1.088886511
 1.44516337 1 1.101269068 1.234957809 1.403604158 1.098442544 1
 0.944089637 1.240014411 1.531376931 1.656358132 1 0.94909166
 2.202747996 1.105861912 0.682740277 1 1.237721175 1.192491801
 1.074492392 1.091273323 0.946801012 1 0.886867815 1.045245622
 0.977668511 1.003724151 1.4127591 1 0.98903058 1.204659028
 1.274216804 1.519232831 1.39249664 1.334451019
 YPR015C YPR015C::YPR015C::molecular_function unknown
 0.948832385
 1.057308162 1 1.313122315 1.56216684 2.489465854 3.440927272 1
 0.94852703 2.864362252 3.124717642 0.898507756 1 1.071352754
 1.17213084 1.225488198 1.07608641 1 1.236400405 1.315472187
 1.426688816 1.80459951 1.662911971 1 1.141676199 1.270154373
 0.832488553 1.641694418 1.127803701
 YNR006W YNR006W::VPS27::hydrophilic protein; has cysteine rich putative zinc
 finger essential for function 1 0.725072753 0.925778333 0.881033676
 0.882265048 1 0.865240284 0.954202556 0.889502614 0.872047237 1
 0.963022063 1.014903644 0.92465498 0.968717413 1 0.967021913
 0.852656287 1.280872396 0.90067991 1 0.915456419 1.415957424
 0.873147768 0.677314402 1 1.330762127 1.396916954 1.346833185
 0.992747406 1.0780349 1 1.148165858 0.959051037 1.236380048
 0.952333505 0.832520946 1 1.127935354 1.131120701 1.396861823
 0.940149829 0.977284933 0.875624
 YPR029C "YPR029C::APL4::Gamma-adaptin, large subunit of the clathrin-
 associated protein (AP) complex" 1 0.908429146 0.852209575 1.110743111
 0.827173305 1 1.050645036 1.169253085 0.861179218 0.725869827 1
 0.984804924 1.02470182 0.60658719 0.895119541 1 1.123169546
 0.906290582 1.040523756 0.771208768 1 1.084092578 0.876769768
 0.899880952 0.765842315 1 1.008661924 1.122950759 1.031243296
 1.001208012 1.055801847 1 1.09750437 0.893064147 0.768978374
 0.740172784 0.775132796 1 1.407600732 1.082792519 1.196261725
 0.936703648 1.273793847 0.719762951
 YPR031W YPR031W::NTO1::NuA3 ORF 1 0.767628174 0.762840866
 1.167785751 0.828912631 1 0.854612713 0.970457751 0.988278596
 1.094721495 1 0.620411597 0.643335082 0.464797524 1.089830895 1
 0.493590218 0.414925741 0.472330777 0.726062327 1 0.902402283
 1.632521332 0.544984429 0.668039412 1 0.777292746 0.691024407
 0.770417544 0.821565856 0.985197019 1 0.748034008 0.677386563
 0.613314053 0.87026131 1 0.947731214 0.865229893 1.122871431
 1.175400272 1.04884435 0.843225912
 YNR008W YNR008W::LRO1::Lecithin cholesterol acyl transferase (LCAT) Related
 Orf 1 0.610823492 0.636564467 0.780059887 0.466710227 1 0.700186276
 0.95754457 0.556179674 0.663276333 1 0.734822669 0.769169477
 0.574683988 0.654565218 1 0.719296887 1.065504707 1.295187409

	0.437408982	1	0.62480405	0.578756518	0.267535261	0.400105354	1
	0.878150295		0.986546775	1.067176203	1.074518541	1.038904981	1
	0.989871532		0.539135894	0.81524328	1.201078759	0.36727235	1
	0.585474928		0.497727806	0.846661366	0.528233771	0.712060233	0.606807448
YNR010W	YNR010W::CSE2::Protein required for accurate mitotic chromosome segregation						
	1.022177808	1	1.407091841	0.975891165	1.790997515	1	
	0.972283986		1.066417858	1.344584352	1.524507274	1	0.92772063
	1.152572088		1.543423317	1.276601523	1	1.395953376	1.041003962
	1.242421239		1	1.426600345	2.398015376	2.244656841	1.173606621
	1.262190554		1.300182852	0.792298598	0.957313471	1	0.979102201
	1.254052138		1.115507522	1.421559414	1.793605173	1	0.860049473
	1.215618484		1.120878681	1.352865105	1.264645217	1.377356512	
YNR012W	YNR012W::URK1::converts ATP and uridine to ADP and UMP						
	0.668755822		0.551009999	0.6216901	0.659849736	1	0.583094283
	0.681845852		0.733255146	1	0.431602325	0.297003949	0.332705574
	0.731599338		1	0.383179971	0.252783681	0.392191514	0.625873627
	0.472296597		0.5463841	0.448238222	0.683758008	1	0.594063534
	0.367123295		0.389538545	0.829209117	0.809674531	1	0.576461751
	0.395407925		0.752193038	0.863576515	1	0.494177206	0.470907083
	0.800753727		0.997017984	0.565865267	0.645334878		
YNR026C	YNR026C::SEC12::Required for recruitment of Sarlp and vesicle formation at the endoplasmic reticulum.						
	0.93936378		0.788112105	1	0.938424701	0.87461593	0.830922574
	0.661442598		0.686151348	0.484031637	0.880386372	1	0.788154663
	0.619324077		0.96935353	0.834583996	1	0.742337969	0.781293181
	0.486185312		1.037708387	1	1.011857178	0.996945044	1.263789034
	1.206575544		1.056891873	1	1.007792813	0.805343634	1.040252333
	0.986959693		0.821854652	1	0.950214947	0.725604618	1.119224642
	0.835334507		1.008265479	0.681235469			
YJR075W	"YJR075W::HOC1::Homologous to OCH1, an alpha-1,6-mannosyltransferase; Golgi-localized, type II integral membrane protein"						
	1.17311874		0.976031911	1.037976273	1.218990978	1	1.049249688
	1.003277886		1.148263567	1.187079696	1	1.053807423	0.906523733
	0.667270903		1.176334702	1	0.750188653	0.570901602	0.489505296
	0.638900579		1	0.854268862	0.704499388	0.652064814	0.886701194
	1.038210303		0.796321311	1.474939241	1.249419886	0.957845512	1
	1.115857808		0.898256969	0.984872434	1.211913887	0.862341934	1
	0.828364741		0.767551823	0.83797689	0.8822238	0.543539282	0.746907259
YJR090C	YJR090C::GRR1::F box protein with several leucine rich repeats						
	1.110973677		1.1754149	1.227294344	1.019120894	1	1.229480393
	1.375043482		0.891119338	1.040950871	1	1.176136052	1.142184434
	0.977854473		1	0.781597063	0.781077205	0.721320182	0.663257058
	0.703087349		0.865070733	0.730681371	0.847415029		0.733830831
	0.704106752		0.653680937	0.639906325	0.931036446	1	1.20981071
	1.025791332		0.949317483	1.004999061	0.940528673	1	1.099595114
	1.286387283		1.185317771	1.126862817	0.914928908	0.898390244	
YJR092W	YJR092W::BUD4::co-assembles with Bud3p at bud sites						
	0.996821386		1.017706818	0.925294218	1.037621645	1	1.132293513
	1.430852581		0.922473795	0.753778103	1	0.900883201	0.966213711
	0.696562078		0.820311269	1	0.774698133	0.566046134	0.608176545
	0.566213952		1	0.525420023		0.698848934	1
	0.661062931		0.819255667	0.868073933	0.726484673	1	0.981752218
	0.719558559		1	0.720895791	0.666849636	0.997488102	
	0.866049775		1.2791869	0.678608579			
YJR094C	YJR094C::IME1::Transcriptional activator of meiotic gene expression.						
	1		1.380746576	1.348158672	1.332064427	1.358192472	1
	1.534835447		1.262550952	1	1.507048425	1.182145283	0.755894795

0.93645068 1 0.819899454 0.786324272 0.832187239 0.892881435
0.288713411 0.570291679 0.218077569 0.291351919 1 1.019577455
0.975893586 0.81260485 0.772266171 0.748095768 1 1.03802086
0.897803219 0.731287952 0.681422511 1 1.21692781 0.901613155
0.716187636 1.238177641 0.887071457 0.92991272
YPR033C YPR033C::HTS1::Nuclear gene that specifies two messages for
cytoplasmic and mitochondrial forms 1 1.065249586 0.836376897 0.954169526
1 1.15517685 0.79770548 0.822743783 0.974086412 1 0.837288967
0.697116379 0.555883392 0.923405696 1 0.70811329 0.337505137
0.374994036 0.669787796 1 0.620400978 0.706034291 0.436434988 1
1.007353467 0.959767404 0.949370452 0.981765832 0.864651573 1
1.30408959 1.097563451 0.89101597 0.868764819 1.306031616 1
1.056079334 1.010788722 0.995635591 1.178480987 0.932921516 0.753036653
YJR096W YJR096W::YJR096W::molecular_function unknown 1 1.233260481
1.564500955 2.04595706 1.789386646 1 1.541055656 2.460563801
2.317843163 1 1.205215045 2.114702399 1.106679639 1.467021745 1
1.720783509 3.243552522 4.366121353 2.981452436 1 0.91197805
0.920607338 1.344282007 1.10627331 1 1.236806336 1.751877233
1.532595598 1.105394994 1.501516184 1 1.074153054 1.586692254
2.290326579 1.238411021 1.10961763 1 1.085486253 1.17686556
1.121473786 0.996162304 1.054251293
YPR035W YPR035W::GLN1::glutamine synthetase 1 0.642801826 0.788892606
0.899782141 0.86943653 1 0.988308892 1.026384071 0.794039613
0.810466268 1 0.276530039 0.522781922 0.641643759 0.916329248 1
0.585732498 0.609353463 0.844907335 0.81860334 1 0.486986607
0.51936603 0.788767207 0.725766322 1 0.322222663 0.183964007
0.404581376 1.330772005 1.123447649 1 0.271329603 0.238413347
0.358293038 1.254426312 2.646267549 1 0.355979182 0.270292778
1.886852417 1.377491739 6.100521806 1.086649433
YJR098C YJR098C::YJR098C::molecular_function unknown 1
1.231712598 1.263357992 1 1.098491545 1.185320439 1.230438106
1.21542213 1 1.056547697 1.020323182 1.24770908 1
0.575929482 0.637356276 0.774496999 1 1.68732301 2.648887743
2.415014431 0.919460382 1 1.061882519 0.962575681 1.382506847
0.992331149 1.146730103 1 0.749358221 1.102800103 0.808422631
1.545958141 1.612737387 1 0.763477513 0.923007886 0.973471939
0.400210839 0.74403122 0.746907259
YPR037C "YPR037C::ERV2::Essential for Respiration and Vegetative growth 2.
Protein forms dimers in vivo/vitro, contains a conserved YPCXXC motif at
carboxyl-terminal, binds FAD as cofactor, and catalyzes formation of disulfide
bonds in protein substrates." 1 1.010430559 1.185845074 0.859595144
1.142837499 1 0.869210418 0.881259984 1.15468572 1.055839953 1
1.098490849 0.944360176 1.541228008 1.023398036 1 1.02175239
0.831274545 1.160643389 1.10868069 1 1.154336445 1.97072293
1.52604752 1.108426192 1 1.013556028 1.006721593 0.83651495
0.828953249 0.933195196 1 1.010372386 1.531877322 1.074840495
1.523410548 1.850692273 1 1.193966702 1.599356765 1.511489754
1.619754119 1.60008813 1.146191829
YJR100C YJR100C::YJR100C::molecular_function unknown 1 0.888730265
0.986156489 0.926838909 1.032963463 1 0.851078781 0.952377585
1.076652447 1 0.879868317 1.016520425 1.123150207 1
1.165283298 0.996599723 1.040967225 1.315703598 1 1.495446434
1.100691186 1.261618077 0.951653203 1 0.990893961 0.816356164
1.066264324 0.852696607 1.213969457 1 1.041298517 1.474919781
1.226932705 1.015661237 1 0.880007285 1.195548763 0.837097463
0.874270747 0.906502877 1.263525396

YNR028W YNR028W::CPR8::Shows similarity to the secretory pathway cyclophilin
Cpr4 1 0.993409662 1.274281142 0.941551373 1.274096004 1 1.017000336
1.123963288 0.986804528 1 1.11399168 1.051907563 1.134275574
0.983764328 1 1.30355506 0.840703389 1.116508958 1.139818686 1
1.495785961 1.758272668 1.4591161 0.930611119 1 1.133391566
1.081697694 0.895574928 0.754317913 0.998410124 1 1.117791173
1.077328451 1.125191483 0.993167455 0.840099422 1 1.230100025
1.10737405 1.079486588 1.11302158 1.020940733 0.869494607
YPR039W YPR039W::YPR039W::molecular_function unknown 1 1.54679597
1.315490912 1.195518308 1.264466017 1 1.184335879 0.991149021
1.272653731 1.174435117 1 1.141258269 0.973168853 1.205121244
1.118493799 1 0.765043557 0.759946258 0.822638709 1
0.773270762 0.827710224 0.736398457 0.635751334 1
1.130417631 1.190007396 1.097144377 1 0.920612477 1.351128959
0.918755362 1.688711019 1.281690822 1 0.755057573 0.70604984
1.148852074 0.891144568 1.237231038 1.548103238
YJR114W YJR114W::YJR114W::molecular_function unknown 1 1.349041868
1.204081606 1.096513583 0.720668809 1 1.188904549 1.322462592
1.228155306 1 1.207801562 1.346193152 1.7560032 1.231760792 1
0.877963515 0.810158798 1.104831938 1 1.423433412 1.091341669
1.216694675 0.908943715 1 1.296701152 1.142761835 1.541759812
1.381560111 1.200476932 1 1.271111644 1.131729434 1.010102743
1.066527642 0.73811658 1 0.808472015 0.646436632 0.834324701
0.474222651 0.805841641 0.832718402
YNR030W YNR030W::ECM39::mannosyltransferase 1 0.992186559 0.813475874
0.87409335 0.801437128 1 0.983393738 0.76035377 0.782628227 1
1.053763122 0.9321208 0.744687595 0.763738059 1 1.013756734
0.810542489 1.167298031 0.796661729 1 0.665361682 0.831924388
0.722590955 0.521805172 1 1.064253459 1.205050961 1.03045354
1.071961697 0.772141264 1 0.858459668 1.070569165 1.001507466
0.702239234 0.608533113 1 1.076996186 1.128088817 0.932161421
0.716931042 1.012270073 0.866867768
YPR053C YPR053C::YPR053C::molecular_function unknown 1 1.23913676
1.193416246 1.02253202 1.391073927 1 0.977406101 1.111391976
1.071089806 1.1019023 1 0.953509818 0.932559681 1.146615499
0.93596878 1 1.050895639 0.878667391 0.973029329 0.873776962 1
1.248555185 1.125987453 1.108790914 0.989752019 1 0.936301591
0.787794441 0.815425343 1.056272114 0.869137089 1 0.963345688
1.037567448 0.828409009 0.916536637 1.019790724 1 1.021634107
1.148005087 1.15662967 1.548815848 1.310270403 1.449157695
YJR116W YJR116W::YJR116W::molecular_function unknown 1 1.279279049
0.919268598 0.880432665 0.763087197 1 0.897506999 0.748022511
0.789081555 1 1.209636023 1.044467975 1.058841484 1
0.748565668 2.524697065 1.696770713 0.558688659 1 0.517543872
0.518623028 0.378188503 0.466410658 1 1.101595262 0.792263036
1.324556089 1.310605049 0.896626141 1 0.866949512 1.265066133
0.923770997 0.944496573 1 0.653725723 0.98449479 0.733626211
0.82441637 0.503869627 1.277535408
YNR032W YNR032W::PPG1::Serine/threonine protein phosphatase involved in
glycogen accumulation 1 0.941692576 0.999152723 0.951972703 1.095295654 1
0.987700215 0.93514593 1.09110314 0.990522039 1 1.118084197
1.120313319 1.12755284 1.086841848 1 1.525619273 1.18276543
1.310045273 1.34178215 1 0.990070883 0.994782577 0.959805106
0.68987081 1 1.074331144 1.206679086 0.938560799 0.884057782
0.872493193 1 1.261162797 1.300396874 1.484206117 1.027560553
1.139220652 1 1.519659024 1.245031293 1.120325704 1.032543933
1.205353619 1.161077402

YPR055W "YPR055W::SEC8::121 kDa component of the Exocyst complex, which is required for exocytosis, and which also contains the gene products encoded by SEC3, SEC5, SEC6, SEC10, SEC15, and EXO70" 1 0.774546294 0.849353091
1.245846323 0.912869363 1 0.99557331 1.027832469 0.934809807
0.735604332 1 0.89621013 0.938463933 0.589033998 0.945088714 1
0.943254388 0.753373893 0.987454701 1 0.844954715 0.986011458
0.804945357 1.022686413 0.90844376 1.055790627 0.944346548
1.020982454 1 1.19032349 1.026391079 0.712530382 0.967623924
0.664085985 1 1.089571829 0.912541906 1.148719082 1.030754345
0.72501668

YJR118C YJR118C::ILM1::Product of gene unknown 1 1.262810308
0.981098066 0.874987569 1.20182691 1 0.932535428 0.78179287
0.95687285 1 0.924900903 0.98499529 1.227247194 0.952846294 1
1.219987259 0.921205059 1.127146297 1.461814476 1 1.649520841
1.642337547 1.73486613 1.291514749 1 1.285479817 1.113220185
0.817175523 0.90509299 0.9210928 1 0.984852711 1.378582315
1.244124559 0.822232918 1.179073637 1 1.440587677 1.912941327
1.122568936 1.141430322 1.245061017 1.705715512

YNR034W YNR034W::SOL1::Multicopy Suppressor Of los1 1 1.094987633
1.127406133 1.034239658 0.944519325 1 1.211292511 0.965713263
0.89526936 1 1.250446574 1.567349016 1.90440073 0.89012495 1
1.587165119 1.338712635 2.822035805 1 1.794921565 3.879176738
5.442003696 1.720848794 1 1.341812402 1.395962026 1.357733668
1.025939553 1.163271872 1 1.101740868 0.993835649 1.240763453
0.569248663 0.514352135 1 1.702245208 0.957118806 0.851420554
0.629360122 1.187023224 1.325694787

YPR057W YPR057W::BRR1::Protein involved in snRNP biogenesis 1
0.979458351 1.293947724 1.122668879 1.533749026 1 1.024766325
1.073522803 1.301419084 1.364234703 1 1.027762873 1.167168928
1.349003364 1.23937049 1 1.034302633 0.763121673 0.836174956
1.260652814 1 1.458851299 1.306937258 1.256309602 1.100555011 1
0.822220806 0.840317912 0.763506941 0.751977589 1.08812719 1
0.936252035 1.053009875 0.951151585 0.981258114 1.268088818 1
1.092210062 1.14440371 1.078512824 1.24370537 1.520032583

YNR036C YNR036C::YNR036C::molecular_function unknown 1 1.010041301
1.152031211 0.967093931 1.533744011 1 0.902241849 1.111126049
1.432094303 1.590744377 1 0.837604768 1.032750662 1.700503761
1.034005794 1 1.404030733 1.277183651 1.689375404 1.744537726 1
1.416537237 1.612071104 2.339797614 1.454888176 1 1.122354173
1.453902211 1.502802394 1.185906652 0.952782647 1 1.208098865
1.529113204 1.285172597 0.848935709 1.100623972 1 1.044468185
1.184115517 0.975525779 1.219131378 1.449687484 1.194351103

YPR059C YPR059C::YPR059C::molecular_function unknown 1 1.330439959
1.340066767 0.77199745 1.273339863 1 1.37078547
1.069982341 1 1.283390783 1.430028917 1.241436336 1.018064895 1
1.243279394 0.812295732 0.58806412 1 1.777229629 2.611566693
1.373030487 0.787539278 1 1.119803378 1.075562181 0.90269568
0.965364466 0.892426203 1 0.968431102 1.367195737 1.076466059
0.883712211 1.694798592 1 0.898957595 1.527458312 1.007500363
1.700851927 0.819037494 1.593635726

YPR061C YPR061C::YPR061C::molecular_function unknown 1 1.153094288
1.182676628 1.23041955 1.284866199 1 1.144943389 1.16208684
1.28106288 1 1.194021111 1.476727211 1.647562314 1.152475548 1
0.599752668 0.812812702 1.827142521 1.340560361 1 1.276938788
3.017566788 1.623375812 1.321173345 1 0.786829418
0.892486515 1 0.762246807 0.888389922 1.287197466 1
0.922872904 0.982801269 1.160959123 1.030584672 1.583503006

YNR050C YNR050C::LYS9::Seventh step in lysine biosynthesis pathway 1
1.038422746 0.877730473 0.983606655 0.859398502 1 1.025480528
1.053968391 0.837177842 0.879602289 1 0.843855986 0.929488487
0.830642559 1.035387454 1 1.828619956 4.351759174 15.12147949
7.531950835 1 1.705032381 4.232028979 20.70153835 8.637388825 1
1.026486468 0.846299124 0.953515382 1.358225997 1.276819771 1
0.996918054 0.837079799 0.813597933 0.490519839 0.749105589 1
0.984445286 0.812261743 0.896013374 0.887172623 0.883404396 1.204858665
YPR063C YPR063C::YPR063C::molecular_function unknown 1 1.029316606
0.940919735 0.844311318 1.058752214 1 0.944890558 1.133317985
1.031474564 1.020092491 1 1.268647438 1.268615245 1.091878355
0.982465779 1 1.981739338 1.448072856 1.158656291 1.283599413 1
1.767761525 1.53097503 1.06310499 1.01652047 1 1.166118701
1.291214113 1.086621163 1.066816759 0.845611513 1 1.003851044
1.386889437 1.008642649 0.903613849 1.20384472 1 0.849836654
1.11037438 1.024079728 1.282128131 1.065510013 1.013972585
YNR052C YNR052C::POP2::Putative transcription factor 1 0.736522433
0.728966805 0.853749998 0.890782488 1 0.896659036 0.897756638
0.835550183 0.871539509 1 0.799399154 0.813468331 0.750782537
0.824184312 1 1.057520655 0.794145754 1.001111132 0.78384201 1
0.794015836 0.806572284 0.781147284 0.745743256 1 1.232407721
1.180948174 1.048664051 1.080562843 0.959174547 1 1.058762573
1.198697036 1.117463761 0.919713642 0.939451044 1 1.051558937
1.092528421 1.027104326 1.152462345 1.022159072 0.844977137
YNR054C YNR054C::YNR054C::molecular_function unknown 1 0.605967774
0.709559074 0.698180537 0.945836367 1 0.636494442 0.614305894
0.921627352 1.042360078 1 0.450065606 0.421834589 0.431521279
0.844631356 1 0.238620827 0.277605745 0.358921426 0.474263845 1
0.585766617 0.725135904 0.486106657 0.549364196 1 0.837396873
0.787172234 0.667988451 0.768014726 0.861396117 1 0.978067223
0.974555325 0.787693756 1.325533925 1.577958056 1 0.665859836
0.706932352 1.048079095 1.148977045 0.652283624 1.107664347
YNR056C YNR056C::BIO5::transmembrane regulator of KAPA/DAPA transport 1
0.973697725 0.951901532 1.207220734 1.046928453 1 1.088901672
1.137501901 1.198119038 1 1.164592584 1.203735512 1.302356007
1.222444254 1 1.936811281 1.437929496 1.479198628 1.203012402 1
1.951294145 1.649933656 1.806092914 1.223067139 1 1.614890859
1.774598151 1.627330103 0.977862073 1.095907023 1 1.202107317
1.37447967 1.413590368 1.053452179 0.957425418 1 1.291858231
1.603653858 1.264400743 1.117600197 1.163904715 1.302052878
YNR058W YNR058W::BIO3::biotin biosynthesis 1 1.088496672 1.013455355
1.043330802 0.986466568 1 1.119026794 1.100328014 1.282554613 1
1.425426532 1.068592592 1.008579416 1 1.190373942 1.002369435
1.681863465 1.211748614 1 1.104129933 0.819581651 1
1.009930251 1.087716527 0.955033974 1 0.712905682
0.65410622 0.750087349 0.776562655 0.870820701 1 0.7790137
0.703153907 0.904192718 0.935430506 1.075752603 1.011345695
YJR120W YJR120W::YJR120W::molecular_function unknown 1 1.334115457
1.486138178 0.969438961 1 1.481981114 1.899850256 0.821356131
0.862455002 1 1.535913271 1.347477155 0.788853839 1.100605704 1
0.776844054 0.697450724 0.810611448 0.501159346 1 1.659013335
1.142797547 0.970225346 0.608836304 1 1.651971603 2.034779261
3.123616472 0.948658488 0.804337468 1 1.394454573 2.476256668
2.456349908 1.57524485 1.216995839 1 1.777202896 3.204357143
1.703800772 1.162682203 0.90693408 0.844101524
YJR122W YJR122W::CAF17::CCR4 associated factor 1 0.880294948
1.039688473 1.126859572 0.852943053 1 0.972849782 1.205387195

1.090890682 0.993005291 1 2.46774939 1.699803347 1.351826752
1.127417843 1 2.051953961 1.577977218 1.584331473 1.336256194 1
2.508933734 2.147725397 2.241748263 1.240492936 1 1.787186298
2.069594843 1.981332672 1.256684326 1.046601079 1 2.344108703
2.17492518 1.723802896 0.761017135 1 1.865699364 1.564496363
1.449811377 0.555411713 0.768099612 1.092778775
YJR124C YJR124C::YJR124C::molecular_function unknown 1.599441844
0.91333202 1.157281073 0.87519828 1.188934888 1.012708194
0.844012292 0.77563026 1.116415231 0.653669075 0.558574531
1.045560212 1 0.294341918 0.36121671 0.486158797 1
0.425420948 0.462892769 0.745087544 0.692263272 1 0.845679478
0.624157453 0.785919459 1.12155373 0.927214546 1 0.744830416
0.623423955 0.485707791 0.486741511 0.48737414 1 0.716248035
0.736554878 0.78793472 0.443902663 0.538508768
YJR138W YJR138W::IML1::Product of gene unknown 1 1.906059675
1.750797517 2.253738589 1 1.862458817 1.334046545 2.38866144
1.919098116 1 1.852068631 1.584559046 2.39597729 2.011419848 1
1.164179689 1 0.992852056 1
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0.752122033 0.78126048 0.626274677 1 0.959791384
1.047646291 0.540946693 1.100900864 1.044619396
YPR077C YPR077C::YPR077C::molecular_function unknown 1
1 1 1.096966356 1
1.060952116 2.90630033 1 1.704690556 1
0.905028256 1.052395239 1.178444075 1.151398269 1
0.781114412 0.881947921 1 0.823324128 0.796334952 0.880873584
0.734694716
YJR140C YJR140C::HIR3::Involved in cell-cycle regulation of histone
transcription 1 0.83548181 0.651739543 0.891912602 0.605174049 1
0.793270181 0.793925731 0.652695877 0.656230545 1 0.856891058
0.84200742 0.570001512 0.95821178 1 0.987252002 0.731457636
0.695257 1 0.784235612 0.980317689 1.000991785 0.729791011 1
0.908868187 0.823047231 0.994963514 1.061799967 1.011054068 1
1.366307739 0.991593198 1.248072599 1.309766393 0.766147647 1
0.889723991 1.10504423 0.675673885 0.880008678 0.823962171
YPR079W YPR079W::MRL1::Mannose 6-phosphate Receptor Like 1
0.905057187 1.045222524 0.999448573 0.916109595 1 0.946776034
1.104929831 1.014689533 1 1.301605456 1.34262261 1.301268836
1.05887613 1 1.470332241 1.063058189 1.445049251 1.699907577 1
1.784956297 2.336868673 2.027257073 1.448242942 1 1.669905998
1.995370242 2.069942219 1.231293198 1.205453679 1 1.484509905
2.101920864 2.179660548 1.509245339 1.23196218 1 1.421761891
1.601886223 1.2541445 1.239799599 1.020284934 1.109415573
YJR142W YJR142W::YJR142W::molecular_function unknown 1 1.075156667
1.170193026 1.188347668 1 0.94107226 0.841638292 1.083928156
1.012245617 1 0.983634541 1.142833198 1.226528047 1.245577964 1
1.522659976 1.273000354 1.519482189 1.802886135 1 1.786179205
1.741737207 1.659081837 1.929097837 1 1.23016121
0.932592852 1.365914008 1 1.069875768 1.425629459 1.485957176
1.210008348 1.243201798 1 1.704694528 2.044290097 1.329889002
1.190490157 1.869282787 1.132181817
YPR081C "YPR081C::GRS2::Possible pseudogene; has similarity to Grs1p glycyl-
tRNA synthetase, but expression is very low and GRS2 cannot substitute for GRS1"
1 0.866462779 0.992445358 1.027157041 0.880662467 1 1.071581708
1.211199969 1.000882762 0.947189499 1 0.93259412 1.211439477
1.006713121 1.002306662 1 1.105520077 0.710711884 1.075159926
1.27538133 1 1.747977265 1.774384143 0.962382712 1.135612051 1

0.97704561 1.258845337 1.15465724 1.028057348 0.977104072 1
 1.155484086 1.091446596 1.550261042 1.244043361 1 1.061694363
 1.226086054 1.274932442 0.868036958 1.326266477 0.866867768
 YJR144W YJR144W::MGM101::Involved in mitochondrial genome maintenance
 0.7326158 0.895110963 0.763693749 0.988758681 0.771233765
 0.731522421 1.123583027 1.137425847 0.720967924 0.792230047
 1.200240466 1 0.846600628 0.718670551 0.552184676 0.91434202 1
 1.077212701 0.883833041 0.942174741 1.160905326 1 0.996351026
 1.048088384 0.824516919 0.723240294 0.949073972 1 0.896029918
 1.143244739 1.117533263 1.059843774 1.282122164 1 1.31378465
 1.377444323 1.201804505 0.995335178 1.370149202 1.190848653
 YNR060W YNR060W::FRE4::similar to FRE2 1 0.90509771
 1 1.090516569 1 2.013340997 1.198153685
 1 0.648652295 0.687209541 1.094060632 0.860984672 1 0.894015208
 0.894612081 0.766051172 1 1.663331883 1.120239411
 1.006713257 1 0.716084965 0.540462282 0.588732858 0.60903287 1
 0.849894708 0.905072529 0.770120537 0.772400673 1.144440604
 YPR083W YPR083W::YPR083W::molecular_function unknown 1 1.070929285
 1.061789247 1.176360266 1.046063616 1 1.118198522 1.244828156
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 0.969912938 1 1.295982434 1.966812181 1.178781301
 1.717223197 1.943823382 0.775369502
 YPR083W YPR083W::YPR083W::molecular_function unknown 1 2.211210974
 2.110959397 1 1
 1.692627954 0.739919236 1
 1 1.013940548 0.889465922 1.112676402 0.996073344
 1.104489456 1 0.955947763 0.72910127 0.962841722 0.930200952
 0.584899351 1 0.883420344 0.839065121 0.895835304 1.05032082
 0.824191756 1.751248
 YJR146W YJR146W::YJR146W::molecular_function unknown 1 1.273498482
 1.252911622 1.13498207 1 1.076368193 1.078422846 1.295557026
 1.211511175 1 1.206425515 1.330129415 2.088771951 1.219274804 1
 1.1219555 1.052310117 1.270752758 1.273892999 1 1.943804945
 3.204159957 4.219827163 1.780050664 1 0.946572047 0.980071269
 1.253910732 1.278224297 1.061649962 1 0.758970424 1.035624014
 1.058118517 0.990764325 1.082968736 1 0.803336583 1.067506137
 1.076164751 0.948222204 1.055136496 0.936917726
 YNR074C YNR074C::YNR074C::not yet annotated 1 0.875324646 0.846289541
 0.839406432 0.647698617 1 0.965141948 0.97449104 0.948210742
 0.974781106 1 2.34384588 3.00572815 1.734577061 1.100553341 1
 2.094627838 1.409819001 2.451044105 1.567902838 1 2.328784109
 3.09923852 1.671785856 1.047191166 1 1.850533659 3.203790517
 3.936378322 1.6995843 1.182133559 1 1.712487925 1.886510332
 3.228554592 2.803033974 0.970576153 1 2.175859531 2.287785135
 2.938500831 1.041952027 0.935204881 1.198729219
 YPR085C YPR085C::YPR085C::molecular_function unknown 1 1.937385177
 1.543614835 1 2.00945327 1
 1.51304328 1.94099061 1.581721597 1.531123948
 1 1.075476177 2.253354136 1 0.721874041 0.513574737
 1.053218928 1.000951641 0.795105173 1 1.45849612 1.376311017
 1.043949372 1.303013136 1 1.157456849 0.880074063
 1.057758657 49.472756
 YJR148W YJR148W::BAT2::Branched-Chain Amino Acid Transaminase 1
 0.753430926 0.748325875 0.75439764 0.544950891 1 0.808753613
 0.909319442 0.704287223 0.744683325 1 0.842690308 0.940287763

0.950793667	0.891607061	1	1.680741769	0.524757859	1.739849367
1.109189646	1	1.373659909	1.228161327	1.389100819	1.139563061
1.046506553	1.458991004	2.159014101	2.006948719	1.597679597	1
1.232364707	1.493546316	3.169904398	3.840585134	1.624385883	1
0.815097325	1.245332391	2.138635036	0.983113621	1.870832948	1.06738564
YNR076W	YNR076W::PAU6::member of the seripauperin protein/gene family 1				
0.986015826	1.271885889	0.792289045	1.386242599	1	1.006318897
1.265207016	1.296008834	1	1.122767152	1.087327216	1.866320247
1.137424872	1	1.305553553	1.100226688	1.641090959	1.573318781
1.456647871	2.648032194	2.077378901	1.259501241	1	1.140907154
1.270593729	1.134681661	1.114128574	1.034060799	1	0.665229517
1.191908507	1.389440119	1.080378543	1.174731378		0.877205089
0.967250356	1.014538333	1.180781298	1.147018303	2.844902439	
YPR087W	YPR087W::VPS69 1 1.308102218 1.729878524 1.203374758				
1.866358111	1	1.172712306	1.119621624	1.843581063	1.704934881
1.075095633	1.28144522	2.01222074	1.425384899	1	1.173226939
1.021655857	0.918674853	1.376379255	1	1.494463096	2.155107051
1.508211608	1.063207333	1	0.873979876	1.046792643	0.760356985
0.625027508	0.727856496	1	1.143225922	1.479594724	1.067599986
1.345006299	1.820848577	1	1.432861234	1.932922158	1.321463056
1.957531308	1.416334525	1.598013842			
YJR162C	YJR162C::YJR162C::molecular_function unknown 1				
1.149270352	0.760657215	1	1.05623783	0.922877678	
0.884393146	1	1.15849566	1.209667246	2.510359338	1
0.699832921	1.304612624	0.712709845	1	0.655856	1.551256418
1.416380848	1.161192067	1	1.101522045	1.286537568	1.182397955
0.8975471	1.175202944	1	0.67863382	0.878137798	1.043030799
1	0.523327896	0.565927416	0.809724199	0.725501394	0.761317735
0.616439293					
YOL001W	YOL001W::PHO80::Negative regulator of PHO81 and PHO5 1				
1.051692217	1.059656945	0.921973859	1	0.965960164	
1.036882419	0.975530162	1	0.976852033	0.96703309	1.307034996
0.914675046	1	0.977195826	0.713725391	1.377868745	1.094482584
1.06891715	1.805626044	1.937138318	0.797402144	1	0.923634144
1.057792915	0.915931435	1.070162822	1.03054945	1	0.833202592
0.855548492	1.00285813	0.973243269	1.105011078	1	0.74206442
0.681133974	0.887071655	0.774067854	1.049646212	1.349336592	
YPR101W	YPR101W::SNT309::Synergistic to prp19 (NineTeen) mutation. Essential for mRNA splicing. 1 0.989554468 1.268489742 0.908760768 1.403965601 1				
0.843781878	0.738936959	1.153001662	1	0.817160466	1.037542659
1.086256698	0.912004709	1	0.810068743	0.651583076	0.567840053
1.347285465	1	1.1932088	2.403041392	2.250271564	1.043458944
0.794580039	0.915018091	0.522656797	0.559649598	0.912543011	1
1.060514014	1.464572235	0.866549457	1.09047548	2.434597033	
0.827441316	0.843537035	1.293310089	1.232897566	1.656680573	
YPR103W	YPR103W::PRE2::responsible for the chymotryptic activity of the yeast 20S proteasome 1 0.897260157 1.14508164 1.078356983 1.118775946 1				
0.971291658	1.09254773	1.309346776	1.206992019	1	1.042806997
1.379164146	1.91031156	0.960028837	1	1.640405547	1.696001865
2.012042681	1.87318809	1	1.751492018	1.731127441	2.245438647
1.360626023	1	0.969766853	1.486091906	1.745182043	0.809759469
1.107698498	1	1.423566642	2.167784191	1.316767765	1.160606913
1.047822018	1	1.442870468	1.70048158	1.15211254	1.108440402
1.074930977	1.056878183				
YOL003C	YOL003C::YOL003C::molecular_function unknown 1 1.203668664				
1.104643795	0.99138497	1.52718914	1	1.15473518	0.999774439
1.278301315	1	1.119855419	1.025976513	1.205607836	1.102227004

1.191008338	1.192985612	1.160096423	1.267280427	1	1.080024085
1.317110044	1.103993129	0.975687259	1	1.11465766	1.19303471
1.063866522	1.066248191	0.950994794	1	0.998423457	1.147371327
1.205031916	0.92768966	0.869509889	1	1.040642868	1.04439691
1.002320497	1.020360589	1.144827648	1.006092019		
YPR105C	YPR105C::COG4::<u>C</u>	onserved	<u>O</u>	ligomeric	
<u>G</u>	olgi complex	<u>4</u>	 	Complexed with Cog8p	1
0.960696731	1.010366102	1.2030951	0.960945719	1	1.118604492
0.991769235	1.018514835	0.819905576	1	0.930564873	1.088159524
0.883573319	1.048232544	1	1.273865361	0.827440732	0.785006646
1.023693585	1.298823161	1.433057595	1.093285108	1	1.097466913
1.075308627	0.899052144	0.831229357	0.95036754	1	1.244705517
1.126975891	0.714902066	0.896475523	0.862990164	1	0.99395933
0.928882925	1.103934449		0.987608841	1.346709701	
YOL005C	"YOL005C::RPB11::RNA polymerase II subunit, homologous to S. pombe Rpb11p subunit"	1	0.919366485	1.337684732	1.037502083
1.473258989	1	0.955362602	1.232312708	1.391184172	1.361444079
1	1.02881217	1.241062118	1.492770011	1.201529504	1
1.174916935	1.109870836	1.020739606	1.439317035	1	1.339877591
2.278278056	1.591876384	1.17527685	1	1.054423476	1.093698811
0.677653073	0.78864116	0.917526458	1	1.13021103	1.237825888
1.413950146	1.336230662	1.837351659	1	0.982345855	1.347053454
1.216994815	1.642118115	1.037234432	1.556859469		
YPR107C	YPR107C::YTH1::Yeast 30kDa Homologue	1		0.91720684	
1.06958166	0.810275501	1.011396041	1	0.896317977	0.936534659
1.266386092	1.054172939	1	0.935840421	1.13852735	1.410637404
0.992486419	1	1.145248577	0.744303845	1.141868332	1.660578362
1.640267376	2.476440279	2.387048064	0.86756573	1	1.363961557
1.663923378	1.142972077	1.064268617	1.105007538	1	1.092553393
1.335098758	1.340357178	0.871560136	1.298985459	1	1.197922325
1.458945892	0.953204453	1.194893652	1.253882803	1.338829134	
YOL007C	YOL007C::YOL007C::not yet annotated	1	0.689937326	0.611991515	
0.898840798	0.942034323	1	0.799403234	0.852871017	0.734590992
0.935481135	1	0.539021559	0.479937177	0.476605769	1.158725915
1	0.451273482	0.365497052	0.426769038	0.72042221	1
0.52973039	0.605609607	0.322083685	0.752771021	1	0.959637227
0.82074415	1.154003449	0.960972145	1.012562332	1	0.777589695
0.604310772	0.858209689	0.578778339	0.486966085	1	0.685484372
0.607017603	1.29495236	0.790967635	0.862354167	0.739902305	
YOL116W	YOL116W::MSN1::multicopy supressor of snf1 and sta10 mutations	1			
0.929920008	0.984770159	1.267955912	0.927479649	1	1.034779022
1.103196045	0.990318888	1.010515301	1	0.983280079	0.998540791
0.904744798	1.290623006	1	1.443980934	1.513073493	1.023248612
1	1.279310494	0.981973342	1.424131038	1	1.191323732
1.217048845	1.423513013	1	0.941971932	0.915330605	1.058897373
1.04406759	0.704044734	1	1.04391797	0.968752489	1.001725118
0.552584677	1.010922273	0.741653531			
YOL118C	YOL118C::YOL118C::molecular_function unknown	1		1.949893844	
2.034026396	1.297781701	1.4894821	1	1.218357811	1.536856822
1.547366019	1	5.930808416	5.608151389	3.600407584	2.040965701
3.867770223	3.695612795		2.483060749	1	4.280551275
5.308144944	4.211126341	2.022075121	1	2.683235713	2.239084496
1.297608388	1.080965299	1	1.983556901	4.63014861	5.326852119
4.30409063	3.770577602	1	3.324881426	5.118467328	3.000142543
0.058524761	2.086480568	10.82621542			
YOL120C	YOL120C::RPL18A::Homology to rat ribosomal protein L18	1			
1.207046872	0.895180827	0.612030773	0.933105139	1	0.846072053

0.750385746	0.772139319	0.778140553	1	0.893121099	0.743499064
0.639628771	0.6357815	1	0.880867795	0.676958432	0.306668517
0.5494129	1	1.232782115	0.662066443	0.578484151	0.859369315
2.170170144	1.23197925	1.930134167	1.896877399	1.770413225	1
1.115339818	1.425769054	0.809650526	0.492943687	0.918675844	1
1.331292418	1.270251453	0.721549697	1.52183307	0.771539124	1.342331585
YKL002W	YKL002W::DID4	1	1.077206177	1.470901499	1.060843658
1.569699506	1	0.96975873	0.939831066	1.513584412	1.536244009
1.067233381	1.517772046	2.141375173	1.542243111	1	1.526615057
3.722314706	1.532473509	2.045520512	1	1.618657764	2.248115797
2.712154996	1.753749431	1	1.10725437	1.279062983	1.097223353
1.127799634	1.292808508	1	1.1308026	1.780986212	1.579475832
1.416060721	1.659999743	1	1.14951375	1.762506163	1.147536347
1.753198101	1.98536063	1.389615299			
YKL004W	YKL004W::AUR1::involved in phospholipid metabolism	1			
1.348586683	0.672499967	0.776764475	0.623843746	1	0.860553947
0.667970798	0.688021471	1	1.109948409	0.640000243	0.449304214
0.853303701	1	0.89866551	0.202901203	0.62460391	0.46436615
0.410058745	0.272909174	0.164624782	0.46706349	1	1.191513085
0.718184968	1.138425915	1.728225787	0.74229207	1	0.576495952
0.466611226	0.510341216	0.461830864	0.3684529	1	0.799975802
0.656512362	0.647269458	0.740314531	0.62271417	0.705752939	
YGR253C	YGR253C::PUP2::Proteasome subunit	1	1.121494486	1.253709215	
1.078586307	1.356235954	1	0.975414847	1.106786472	1.444398486
1.312190816	1	1.000131495	1.283271012	1.859148819	1.124563735
1.41128773	0.979832962	1.687088897	1.724106855	1	2.29480083
2.723520304	3.142350233	2.108043577	1	0.760854726	0.931183153
0.711377189	0.453034382	0.662548194	1	1.157263969	2.080490008
1.391747849	0.965914281	1.351952003	1	1.146986287	1.767493298
1.003791418	1.231048529	1.24982579	1.998174025		
YKL007W	YKL007W::CAP1::capping - addition of actin subunits	1			
0.894776306	1.240648996	1.151710875	1.374580952	1	1.019079738
1.211867139	1.567373545	1.27621949	1	0.966031687	1.45574298
1.922877383	1.378320876	1	1.614002881	1.601765216	1.484146626
1.743874501	1	1.736772389	1.562390854	2.751987139	1.96540318
1.127754164	1.827678032	1.498232366	0.845978362	1.559188367	1
1.30190447	1.891024548	1.525434637	1.202369828	1.454672713	1
1.214467495	1.574498541	0.969131483	1.10703952	1.466286417	0.879126451
YGR255C	YGR255C::COQ6::Involved in ubiquinone biosynthesis	1			
0.842028258	0.974560283	1.060854654	0.817535654	1	0.997429408
1.143218346	0.939706592	0.849648496	1	1.005689092	1.130700939
1.160283863	1.004237548	1	2.207818596	1.94922718	2.44017903
1.433891455	1	2.467022488	1.312593942	2.149544768	1.658782975
0.993373972	1.035311015	1.055286997	1.089519785	1.223690781	1
1.023512774	0.833066979	0.800843144	0.736410261	1.15530445	1
0.98945263	0.821509441	0.903454157	1.177433182	1.423507897	0.991206341
YKL009W	YKL009W::MRT4::mRna turnover	4	0.455576196	0.999882228	
0.682069076	1.162036238	0.498819937	0.676603308	1.228256442	
1.029630569	0.693238386	1.467718945	0.890880016	1	
0.979397001	1.015090865	0.909175765	1.904976388	1	1.736779655
3.114675175	2.726856897	1.469514797	1	0.975379631	1.389960998
0.501612698	1.131414924	1	1.657016831	3.461257529	2.223540826
2.265885702	3.804588999	1	0.966824835	2.806542725	1.409446127
1.432538449	4.171974307	1.627784988			
YGR257C	YGR257C::YGR257C::molecular_function unknown	1	0.904227009		
0.938949442	0.951921011	0.712361015	1	0.885646799	0.964580131
1.036546764	0.988309982	1	1.099220196	0.986669599	1.092313495

0.991131216	1	0.702882011	1.078030182	1.109088871	1.038633618	1
1.471587741	0.994955341	0.724275307	0.835921207	1	1.206121575	
1.411923618	1.592782996	1.123973709	1.127200795	1	1.407607611	
1.43370751	1.407190107	1.018387535	0.887103305	1	1.658845686	
1.520795704	1.044661658	0.933702127	1.030478953	1.063883189		
YKL023W	YKL023W::YKL023W::molecular_function	unknown	1	1.192670164		
1.396368447	1.096232397	1.37824843	1	1.289873286	1.183105502	
1.344045316	1.219602379	1	1.668989435	1.862429902	1.660449416	
1.355241316	1	1.477908156	1.35270296	1.104839489	1.269333139	1
1.807004868	1.671148868	1.821657954	1.063315398	1	1.003031778	
0.959134799	0.890398352	0.886113886	1.297902299	1	1.556368823	
1.923237211	2.322452229	1.667834079	1	0.939959209	1.12400728	
0.910250127	0.73632234	0.922578417	1.105913122			
YGR259C	YGR259C::YGR259C::molecular_function	unknown	1	0.87730282		
0.615840647	0.944951539	1	0.931318523	0.98966425	0.551407205	
0.52058488	1	1.112300436	0.74433896	0.333232093	0.801543386	
4.334344472	3.560372506	4.774871046	1.76588397	1	1.015521544	
0.370564715	1	0.987550784	0.876366385	1.105086266		
1.721043093	1.133672134	1	0.810909446	0.386564937	0.740760403	
1.010374322	0.198084905	1	0.733281338	0.357477031	0.886722639	
0.530837638	0.622505781	0.614688067				
YKL025C	YKL025C::PAN3::76-kDa subunit of Pab1p-dependent poly(A)					
ribonuclease (PAN)	1	0.695520337	0.636411136	0.757632032	0.55759011	1
0.804118824	0.871719144	0.459555879	0.510372482	1	1.003748736	
0.765648386	0.584831172	0.669253209	1	1.157772471	1.049705682	
1.435393203	0.920855011	1	0.695675748	0.739331538	0.961771914	
0.798643489	1	1.044920588	1.097002652	0.884412254	0.978592883	1
0.925440224	0.813944833	0.91503256	1.000930441	0.678514402	1	
0.905633312	1.041787589	1.183575092	0.513004416	1.009953715	0.676857354	
YGR273C	YGR273C::YGR273C::molecular_function	unknown	1	1.430226181		
1.52386184	1	1.084751603	1.405152422	1		
1.15519733	1	1	0.965909888			
0.318981745	1	1.170218032	0.252973253			
YOL122C	YOL122C::SMF1::Isolated as high copy suppressor of a cdc1 mutation & involved in high affinity Mn2+ uptake. SMF1 was isolated as a high copy suppressor of a ts mutation in the PEP (mito. matrix protease) gene & may influence PEP-dependent protein import					
1.200888805	1.114066733	1.009747142	1.137923767	0.77563026		
0.912663459	1.002715731	0.653228412	1.057308162	1	1.390229402	
0.59886395	1.616372192	1.244139959	1	1.264152697	1.174500984	
0.699976328	1.05488386	1	1.039038617	1.100034655	1.238377089	
1.344803235	1.016164617	1	0.996838145	0.712476911	0.741078729	
0.673433337	0.453538199	1	0.610277792	0.606372903	0.610809574	
0.480688107	0.648837381					
YKL027W	YKL027W::YKL027W::molecular_function	unknown	1	1.083169819		
1.08480129	1.20648543	0.96400342	1	1.184435642	0.978021778	
1.226723013	1	0.804816629	0.819411181	0.793846649	1.302847284	1
0.639836846	0.53483587	0.848653537	1	0.860934564	0.792498237	
1.006530032	1.041033524	1	0.842799444	0.796249418	0.975677625	
1.109567157	1.25585658	1	0.816207485	0.800175095	0.849788412	
0.983126554	0.76479072	1	0.718297852	0.752654152	1.051084508	
0.604132587	0.671640013	1.056002518				
YGR275W	YGR275W::RTT102::Regulator of Ty1 Transposition		1	0.775196462		
1.233204892	0.837078218	1.345865705	1	0.756709212	0.774504429	
1.289193329	1.242436805	1	0.892912383	0.973453773	1.119614461	
1.078059369	0.779984844	0.851310105	0.994198586			

0.780516877	0.628363462	1	0.911117689	1.050503278	0.714056147	
0.632465614	0.915206264	1	1.177452827	1.575012534	1.177630549	
1.51717164	2.013557736	1	0.973681701	1.277579563	1.238299148	
1.653930708	1.324714278	1.321316567				
YOL124C	YOL124C::YOL124C::molecular_function	unknown	1	1.230406022		
0.973292131	1.280403606	1.060180982	1	0.911737873	0.828448694	
1.132395701	1.291456426	1	0.955457008	0.70295437	0.664879698	
1.231052102	1	0.830169388				
1	0.885471623	0.914924843	1.039179064	1.039335146	1.099234618	1
0.948175151	0.693172178	0.966457234	0.849325933	1	1.2280606	
2.122257162	1.162623268	1.792698954	1.132869872	1.009594469		
YKL029C	YKL029C::MAE1::Mitochondrial malic enzyme	1	1.04939137			
0.593369291	0.53920072	0.222770342	1	0.818157293	0.80589257	
0.412811338	0.403159124	1	1.564686022	0.60847314	0.231743058	
0.560580754	1	0.460104667	0.223353104	0.270552867	1	
0.413496696	0.380574362	0.287113062	0.261355454	1	0.970121799	
0.749162726	0.918315122	1.343525769	1.038767469	1	0.721758439	
0.595968937	0.44056542	1.564257755	1.159838741	1	0.561608818	
0.568035848	0.642210459	0.513608027	0.79045299	0.612061177		
YOL126C	YOL126C::MDH2::cytosolic malate dehydrogenase	1	1.053589869			
0.842120554	0.816074637	0.533336376	1	0.95175588	0.886205353	
0.63063018	0.574128617	1	0.674669384	0.612252675	0.611543171	
0.888428978	1	1.356807416	0.528491751	1.225794437	0.970691964	1
1.475663273	1.103848336	1.211682554	1.744550338	1	1.160849677	
0.827837955	1.16697569	1.143535465	0.829178997	1	0.76391816	
0.523954904	1.150313741	1.186909566	0.553571903	1	1.072067855	
0.709365415	1.270976423	0.733395685	0.53761652	0.950052073		
YKL031W	YKL031W::YKL031W::molecular_function	unknown	1			
1.387004531	1.357955458	1	1.099030003	1.193213626	1.396674684	
1.113070888	1	1.308113367	1.435788986	1	0.787165466	
0.505080314	1.410440924	1.126828204	0.266594245			
0.220688196	1	0.822563902	0.872186395	0.623730356	0.961589281	
0.929799762	1	1.069182674	1.477893489	0.953098841	1.407432849	1
0.742005209	0.955601997	0.89135057	0.671077308	1.018481025	0.538508768	
YGR277C	YGR277C::YGR277C::molecular_function	unknown	1	0.873660613		
0.997975201	0.891706312	0.993456756	1	0.884771683	0.963650287	
0.867822023	1.238577135	1	0.905419619	1.044504667	1.000421451	
1.05878541	1	0.92921306	0.860187356	1.236860067	1	
1.747977425	1.649967736	1	1.078544996	1.267055031		
1.273861423	1.041015125	1.162816871	1	1.094340949	1.433549253	
1.41365828	0.984377987	1.030565848	1	1.204914362	0.993882718	
0.962674046	0.660276577	0.934158198	0.998211347			
YGR279C	YGR279C::SCW4::Soluble Cell Wall protein	1	1.455156446			
0.796749671	0.995915354	0.55576958	1	1.164294442	1.026278105	
0.468921512	0.676352222	1	1.680408038	0.940167602	1.235380056	
1.117796563	1	0.537066085	0.466408816	0.240376369	1	
0.329282592	0.132984002	0.094756904	0.28919073	1	0.977769025	
0.798198472	1.263581454	1.52118396	0.551784904	1	0.520733098	
0.62862417	0.853927807	0.949005744	0.521777822	1	0.850393546	
0.630735264	0.896296496	0.645596536	0.797413036	0.628698027		
YOL140W	YOL140W::ARG8::Acetylornithine aminotransferase	1	1.198445244			
0.881188728	1.284128975	0.571116353	1	1.032979322	0.867793044	
1.049553976	1	0.948845025	0.996121345	0.678155237	1.072484679	1
0.976499431	0.205947909	1.3246998	0.657875701	1	0.639530119	
0.209744574	0.127862565	0.404571293	1	0.966488525	1.058202054	
1.479122641	1.623318001	1.265262698	1	0.806337938	0.510608999	

0.652764908 1.138312859 0.309392585 1 0.780037865 0.767720962
 1.002268084 0.626526665 0.740821569 0.400160157
 YGR281W YGR281W::YOR1::multispecific organic anion transporter important for
 tolerance against toxic environmental organic anions 1 1.504308433
 1.280521372 1.704577671 1.185457901 1 1.490644708 1.580928436
 1.321523357 1.209001367 1 1.629385846 1.39946273 1
 1.328902745 0.481477768 1.045732758 0.706810464 1 0.832308812
 1.25731439 1 0.992870542 1.159941298 0.87683444
 1.209648701 0.960294292 1 1.058470185 0.641660262 0.999452477
 0.568325867 0.446910469 1 0.94619792 0.91382704 0.868267969
 0.698236689 0.973174891 0.626946802
 YGR281W YGR281W::YOR1::multispecific organic anion transporter important for
 tolerance against toxic environmental organic anions
 0.771492435 0.581693459
 0.63823362 0.772712694 1
 0.910414707 0.796125426
 YOL142W YOL142W::RRP40::Ribosomal RNA Processing 1 1.213462005
 1.050290043 0.93194946 1.207082331 1 0.956710421 0.81064178
 1.198452559 1.28846883 1 0.888457681 0.818193823 0.806673022
 1.095197057 1 0.933205349 0.565832633 0.802713598 1
 0.861049253 0.79826957 0.693299077 0.93316082 1 1.105266036
 0.992836604 1.039874717 1.260624632 1.188926862 1 0.777953213
 0.948571711 0.753561968 0.874328889 1.049268202 1 0.801274518
 0.860628091 0.859541375 1.228917359 0.683589473 0.960559531
 YGR283C YGR283C::YGR283C::molecular_function unknown 1 0.883957638
 0.817572889 1.08757269 1.209831371 1 0.809297318 0.766575127
 1.325014768 1.334270396 1 0.568565613 0.404169849 1.399855824
 1.209856088 1 0.239786421 0.487266673 0.493982143 1
 1.317121811 1 0.68970663 0.620103319 0.581988801 0.657792446
 0.865798543 1 0.627714791 0.90318684 0.750623152 1.338447782
 1.484706999 1 0.667372758 0.744024475 1.080417295 0.66767141
 0.775303436 1.046370726
 YOL144W YOL144W::NOP8::Nucleolar protein required for 60S ribosome
 biogenesis 1 0.888794272 1.06680127 0.847683418 1.058215429 1
 0.753181386 0.759988174 1.093401362 1.076402787 1 0.658173117
 0.684851752 0.894385122 0.901099463 1 0.48652049 0.275020493
 0.358343302 0.734448289 1 1.90196939 2.700358658 2.402281331
 1.608147144 1 0.734431725 0.749557023 0.640285921 0.61444763
 0.864962288 1 1.020646307 1.110693591 0.780304321 1.346464557
 2.005559839 1 0.65386476 1.137508907 0.890089331 0.739310369
 2.983251025
 YOL146W YOL146W::YOL146W::molecular_function unknown 1 1.014204506
 1.212026462 0.931612456 1.559371685 1 0.837993922 0.799287895
 1.361475572 1.406783845 1 0.74158948 0.942689678 1.245071735
 1.394645176 1 0.938550227 0.682171391 0.72818229 1.11398628 1
 1.513422671 1.5515574 1.414664425 1.485219634 1 0.868900343
 0.849604699 0.652372266 0.972327383 1 0.877859739 1.214496066
 1.254478688 1.076159617 1.332178066 1 1.088397841 1.178575765
 0.947537911 1.120310162 1.245060987 1.263525396
 YOL148C YOL148C::SPT20::Transcription factor 1 1.013566705
 0.947778414 1.181600953 0.85248467 1 1.050181655 1.034929651
 1.128250843 0.921596221 1 1.073101624 1.253262865 0.845337912
 1.121129024 1 1.24922128 1.501401336 1.730810578 0.997768994 1
 1.396658066 0.888673054 0.977847173 1.003820235 1
 1.247138951 1.050066826 1.367528979 1 0.891303235 0.789904784

	1.083815264	1.079343411	0.727637877	1	0.666738864	0.951779563	
	0.920997583	0.616772928	0.792216049	0.789812857			
YOL150C	YOL150C::YOL150C::molecular_function unknown					1	1.042163686
	1.531606996	1.019930868	1.698736473	1	1.109517362	1.022872956	
	2.293523698	1.976523598	1	5.634210071	5.905533301	5.06684801	
	1.725768663	1	11.45555303	10.63876886	10.24844505	6.113467017	
	19.17178978	43.5303521	19.64022345	7.093339872	1	2.32540533	
	4.199348462	1.323600667	0.363697994	0.387492438	1	3.627249221	
	7.928928608	3.085383537	0.634946577	0.750298893	1	3.512415945	
	9.694051279	2.103053055	0.761023094	0.887244544	6.423577634		
YOL164W	YOL164W::YOL164W::molecular_function unknown						0.998573744
	0.920164976	1.127091186	0.643182638		1.030329541	1.056009048	
	1.035825767		1.007908382	1.170892712	0.893952973	1.033812378	
	0.989559422	1.26736098		1	0.71896128	0.853715152	
	0.71191753	1	1.151737991		1.583875084	1	
	0.97920981	0.669187859	0.888192756	0.938120912	0.592953741		
	1.066963176	0.907332196	1.039562905	0.521023619	0.898791754	0.782807851	
YML086C	"YML086C::ALO1::D-arabinono-1,4-lactone oxidase"						1
	0.890204754	0.79671753	0.722484175	0.432388122	1	0.891520897	
	0.948976097	0.710932226	0.643287024	1	1.036803944	1.019149983	
	0.89873556	0.641072642	1	1.398698198	1.083441998	1.173779135	
	0.933988479	1	1.381427391	1.211359462	1.269380195	0.973553135	
	1.296614543	1.313336975	1.557804698	1.162731546	0.958784445	1	
	1.01658861	0.955334017	1.040107499	0.846468026	0.585755146	1	
	1.145167477	0.98816506	1.014235211	0.8728582	0.744636429	0.943922628	
YMR294WA	YMR294WA::YMR294W-A::molecular_function unknown					1	1.472921372
	1.456953407	0.955194429	2.102087982	1	1.022737128	0.927835197	
	1.859397654	1.678002313	1	1.04635718	1.158647389	1.701988796	
	1.564593636	1	1.369577155	0.961649632	1.233062841	1.446114168	
	1.734915717	2.628485831	1.843932327	1.206469514	1	0.763140461	
	0.697179772	0.531055358	0.72484721	0.671310545	1	0.88034547	
	1.0524462	0.752221591	0.747515931	1.240132579	1	1.149738805	
	1.467820904	1.28292285	1.925081887	2.098586211	1.630411878		
YKL033W	YKL033W::YKL033W::molecular_function unknown						1.052750408
	0.832475965	1.436817573	0.883030048		1.070283556	1.139022069	
	0.855937117	0.859884051		1.16705177	0.951945275	0.548057468	
	1.300097343	1	0.852401523	0.67933814	0.855751659	1	
	0.841618681			1	0.779940059	0.795336253	
	0.986844889	1.007725361	1	0.710239504	0.891987454	0.717082041	
	0.910546871	0.623087728	1	0.906360249	0.932984237	0.958792704	
	0.803429191	0.831144209	0.643583653				
YKL047W	YKL047W::YKL047W::molecular_function unknown					1	0.895744143
	0.918933491	0.932580693	1.135135885	1	0.761160126	0.808633534	
	1.078135506	1.024998028	1	0.823357843	0.898573939	1.10254658	
	1.001443568	1	1.293090153	0.748221941	0.997192939	1.387375394	
	2.757644273	4.300006538	3.303139785	2.420493318	1	1.037782078	
	1.19222336	1.067463978	0.874447629	1.151862195	1	1.603388896	
	2.141157806	1.952018412	1.396849031	1.78369953	1	0.962063476	
	0.938398141	1.308884821	1.117183442	1.196977994			
YKL049C	YKL049C::CSE4::Required for proper kinetochore function; may be involved in assembly of a CEN-specific chromatin structure					1	1.039074867
	1.144809415	1.102644003	1.284855129	1	1.123029549	0.98468548	
	1.386242236	1	1.085157104	1.209941278	1.349314679	1.480304965	
	1.337863727	1.762045459	0.766754504	0.922886422	1	1.539822653	
	1.900467908	1.299073055	0.89077802	1	1.134611612	1.23099844	
	1.132480635	0.84222476	1.173815574	1	1.007438583	1.358394549	

	1.425865802	1.68006568	1.458708274	1	0.963077295	1.411641761	
	1.15483129	1.245186711	1.331040281	1.17596308			
YHL001W	YHL001W::RPL14B::Homology to mammalian L14					1	1.412388147
	1.407091808	0.800101872	1.526154205	1	1.022425263	0.95035109	
	1.307081183	1.146487496	1	0.95358368	0.785749101	1.85108667	
	1.044907546	1	0.664875936	0.374696493	0.262414697	0.551683181	1
	1.346285039	1.025146477	0.564871292	0.71189199	1	1.094807823	
	0.879577842	0.545084117	0.978223362	0.94656555	1	1.105174736	
	1.426158263	0.929525778	0.571033425	1.69683705	1	0.980508188	1.261776
	0.64887483	1.588881347	0.979338075	1.179465531			
YKL051W	YKL051W::YKL051W::molecular_function unknown					1	1.183109013
	0.839104178	1.070321528	0.879141711	1	1.031029826	1.071410506	
	0.777521987	1	2.107185546	1.640579008	1.236722843	0.762354498	1
	1.810472685		1.915364828	0.682280645	1	1.971891683	2.361734235
	1.418761071	1.188636038	1	1.33224843	1.477686086	1.54472115	
	1.209930804	0.765228533	1	1.153859752	1.193035457	1.58801043	
	1.199311762	0.846367528	1	1.263221426	1.246147643	0.944878657	
	0.823731033	1.006722712	0.915902707				
YHL003C	YHL003C::LAG1::YKL008C					1	1.496999714
	1.290183157	1	1.412328232	1.087923872	1.096228507	1.017843751	1
	1.112090119	0.862694336	1.202694954	1.122470761	1	1.158595648	
	0.168277118		0.67650478	1	0.942663379	0.590030746	1
	1.059203153	1.23241217	1.327478475	1.357292173	1.058371403	1	
	0.831498056	0.916405207	0.881912597	0.55898834	0.750119567	1	
	0.945589318	0.979620717	0.963007114	1.012152621	1.352496803	0.854609034	
YKL053W	YKL053W::YKL053W::molecular_function unknown					1	1.037110591
	1.233644603		0.972558353	1	0.812917518	0.931180345	
	1.078914417	1	1.287534372	1.326521834	2.091436688	1	
	0.816245923	0.680158593	0.846702158	0.946096385	1	2.534836019	
	4.754549698	3.910248171	1.48643057	1	1.019487718	1.207890877	
	0.857087567	0.803672081	0.775555008	1	1.083397607	1.371892578	
	1.103687873	1.503792382	1.726933949	1	0.85723122	1.006154252	
	1.019041667	0.97968327	1.040822972	1.168958073			
YHL005C	YHL005C::YHL005C::molecular_function unknown					1	1.094158262
	1.052677014	1.002638936	0.899277468	1	0.96704412	1.196331859	
	0.893370544	0.962513409	1	0.93796148	1.217871407	1.060650059	1
	0.951620779		1.288140423	1.225064494	1	2.04272281	2.888307991
	3.604702324	2.363710306	1	1.200686825	1.054245241	1.015777453	
	1.292784621	1.137060201	1		0.75306033	0.697381912	0.634552986
	0.863675623	1	0.967040053		0.991792718	0.509326601	
	0.867743381						
YKL055C	YKL055C::OAR1::3-oxoacyl-[acyl-carrier-protein] reductase					1	
	0.983753965	0.829040678	1.230182615	0.810973001	1	1.022873482	
	1.089681687	1	1.033178776	0.834090892	0.565445272	1.144029173	
		0.725160671				1	0.710175287
	0.820107777	0.80226496	0.99419472	0.764202588	1	0.918937356	
	0.701231675	0.796513363	1.173206078		1	0.820152599	
	0.958185411		0.99603243				
YHL007C	YHL007C::STE20::Involved in pheromone response and pseudohyphal growth pathways					1	
	0.895750303	0.867437113	0.688474978	0.729085482	1	0.910649413	
	0.832592526	0.51270238	0.963486815	1	0.764664876	0.781649462	
	0.604808234	1	0.633390682	0.692019361	0.523255558	0.620951497	1
	0.915202159	0.814196181	0.89610918	0.883393568	0.808390548	1	
	1.000340043	0.778615781	0.851376593	0.940763182	0.667404377	1	
	0.969657274	1.121735868	0.909223007		0.647727246	0.915027042	

YKL057C YKL057C::NUP120::Nucleoporin 1 1.578492951 1.095714223
1.640337088 1.218797164 1 1.707350257 1.49666184 0.949773409 1
1.442032132 1.061018284 0.610045123 1.180006111 2.063397379
1.045780635 0.715962716 1 0.84679968
0.787029022 0.658227319 1.027332925 1.092685171 1 0.740800214
0.51466738 0.710568226 0.635608706 0.34254308 1 0.755922093
0.600104988 0.712733256 0.666043658 0.656229496 0.797693476
YHL009C YHL009C::YAP3::bZIP protein; transcription factor
0.898527373 0.856597875 1.054446696 0.852449917
0.870466307 1.067236393 0.808647639 1.051434187 1
1.127644538 1.024112216 1 1.078211143 0.987515922 0.741480439
0.971448459 1 1.157812485 1.065598242 1.212416684 1.074691825
1.226919265 1 1.075136704 1.264510926 1.038143883 0.929463584
1.009850937 1 1.222255607 1.358277005 0.798760378 1.283619175
1.075266311
YOL166C YOL166C::YOL166C::molecular_function unknown 1
1.374432718 1.359346118 1.272176069 1 1.261882251 1.136716279
1.447185276 1.278626088 1 1.300878866 1.54604368 1
1 0.828681216 0.859199041 0.352852082
0.768068628 1.233337371 0.817353749 0.620053058 1
1 -0.121001246 1.135684372
YKL071W YKL071W::YKL071W::molecular_function unknown 1 1.10608331
1.036579823 0.932157349 0.88691745 1 1.049507199
0.767319825 1 1.329181838 1.095926482 0.750524414 0.937736563 1
0.880734278 0.764357038 0.742176925 0.830274256 1 1.798241278
2.101341109 1.814297618 1.696336878 1 1.063062444 1.349280689
1.383969185 1.00335714 1.025844597 1 1.009578711 1.745370289
1.802374787 0.893101901 0.872286684 1 1.253927283 1.904329249
1.213460939 1.006544628 1.196192842 1.593635726
YOR002W YOR002W::ALG6::Required for glucosylation in the N-linked
glycosylation pathway 1 0.856821633 0.462276994 0.814517131 0.459262881 1
0.829104352 0.709945425 0.461873472 0.525558805 1 0.790264837
0.707782466 0.379938843 0.644256894 1 1.661304342 1.310705362
0.633483107 1 0.847425377 0.789372309 0.496941243 0.786566724 1
1.164468937 1.164797122 1.310565106 1.373805186 1.034715547 1
0.64413436 0.658678942 0.939114312 0.721800759 0.465706536 1
0.805182118 0.613597094 0.735190442 0.54670487 0.583129859 0.802071592
YKL073W YKL073W::LHS1::Lumen HSP Seventy
 Required for efficient
translocation of protein precursors across the ER membrane 1 1.417503427
1.186655487 1.542773057 1.332450974 1 1.390354948 1.277127466
0.888614273 1 1.304794336 1.077824428 0.599589145 1.422529533
0.873635647 0.9434551 1 0.774798912 0.704375624 1
1.183160716 1.053314893 0.887197053 1.248406539 1.13921714 1
1.112195345 0.810816846 1.318806207 0.903933039 0.536544585 1
0.925280063 0.783843505 0.897004438 0.696236083 0.624058475 0.800320314
YHL011C YHL011C::PRS3::ribose-phosphate pyrophosphokinase 3 1
1.40288956 0.869539228 0.956871105 0.75719488 1 0.995279954
0.869161396 0.888178304 1.035743303 1 0.853605318 0.63245689
0.40904593 1.085334903 1 0.554047425 0.213759459 0.591513607 1
0.638922874 0.142428453 0.138742 0.735114402 1 1.011790063
0.687433733 1.061840574 1.129437437 0.981017127 1 0.789651625
0.512073022 0.496613808 0.768318593 0.73076488 1 0.808318494
0.545000018 0.822957364 0.514556765 0.45814725 1.041116945
YKL075C YKL075C::YKL075C::molecular_function unknown 1 0.889071108
0.984943062 1.087668054 1.071564675 1 0.976297818 1.35370449
1.208965464 1 0.871750552 0.893673269 1.104036128 1.26419842 1
0.617890142 0.575513849 0.915843729 1 1.427746014

	1.546127727	1	0.923728526	0.98212081	0.939687439	0.915697484	
	1.131023555	1	1.06099564	0.879491472	0.97873543	0.91214474	
	1.003727797	1	0.821010211	0.971901049	0.968555336	0.980022226	
	2.095368133						
YHL025W	YHL025W::SNF6::Involved in global regulation of transcription						1
	1.145627834	1.113775483	0.824176058	1	1.255686211		
	1.18066666	1	1.050054338	1.175647424	1.308122042	1.26540127	1
	1.317699503	1.127765381	1	0.764470295	0.688263782		
	0.813217932	1	0.98456307	1.006109948	1.123527998	1.090060735	
	1.20255416	1	0.793653775	0.851994696	0.936466462	1.034811147	
	1.378467149	1	1.306952226	1.264203938	1.706411382	0.922160599	
	1.686594215	0.947425183					
YOR004W	YOR004W::YOR004W::molecular_function unknown						0.972716756
	0.856391107	0.980614013	1.122877399	0.825716473	0.811704323		
	1.245481197	1.292304097	0.835502998	0.707612704	1.011978152		
	1.342193969	1	1.029599832	1.124489636	0.875171021	1	
	0.885135682	0.89032812	0.896700299	1.075267614	1	0.857260921	
	0.73266352	0.888021881	1.271185846	0.96052036	1	0.926183304	
	0.91107452	0.823615698	1.221610446	1.236479647	1	0.676710518	
	1.004935197	1.303381596	1.464909328	0.962792538	0.666349844		
YHL027W	YHL027W::RIM101::Regulator of IME2 (RIM) Rim101p is similar to the Aspergillus Phenotype-response regulator PacC and the Yarrowia proteinase YlRim1010p; transcriptional activator required for entry into meiosis						1
	1.232922058	0.992509616	1.198678808	0.831640206	1	1.205319932	
	1.377346626	1.008874791	0.953478835	1	1.355342598	1.278546007	
	0.793621556	1.356974101	1	1.12628892	1.124959806	0.931905254	
	0.831611343	1.230524567	0.875565468	0.821425444	0.995814753	1	
	0.52541332	0.772332866	0.753427186		0.656425358		
	1.969148105			1.124913251		1.049754681	
YHL027W	YHL027W::RIM101::Regulator of IME2 (RIM) Rim101p is similar to the Aspergillus Phenotype-response regulator PacC and the Yarrowia proteinase YlRim1010p; transcriptional activator required for entry into meiosis						1
	1.013141071	1.035918566	0.992404283	1.124309795	1.026615242	1	
	0.734376477	0.674366417	0.789556543	0.853762946	0.749721727	1	
	1.041885187	0.908883689	0.970560296	0.651649936	1.01099186	0.746907259	
YOR006C	YOR006C::YOR006C::molecular_function unknown						1
	1.192793306	1.194487325	1	1.029311345	0.951728363		
	1.360110209	1	1.084017743	1.256041234	1.669024383	1.326347438	1
	1.322838036	1.345374849	1.130609929	1	1.682109327	2.129367819	
	1.606149087	1.090397156	1	0.880979351	1.064667881	1.031677472	
	0.936103722	1.031438449	1	1.047929149	1.011107126	0.928482822	
	1.093999258	0.864986948	1	0.982708513	1.182742227	0.971516403	
	1.002046816	0.710431066	1.102410567				
YHL029C	YHL029C::YHL029C::molecular_function unknown						1
	0.826926915	1.019118324	0.797618099	1	1.121791002	0.982299469	
	0.727249396	0.897194969	1	1.067286893	0.873495886	1.293386906	
	1.784571298	1	0.601577224	0.306479625	0.620348175	0.514338019	1
	0.520042244	0.853112063	1	0.736655026	0.675256045		
	0.76831329	0.891199497	0.756689233	1	0.812632074	0.733910571	
	0.836729559	0.887693899	0.80042623	1	0.722496355	0.651654309	
	0.865259097	0.615948207	0.77533486	0.577036198			
YOR008C	YOR008C::SLG1::cell wall integrity and stress response component						1
	1	1.280532284	0.845765595	1.29383252	0.936219319	1	1.210841989
	1.122519225	0.804954228	1.003115481	1	1.32213019	1.203487581	

0.870866669 1.396167262 1 1.432653244 0.265818065 1.042401212
 0.956767081 1 1.273583534 0.465217664 0.802018867 1.519192156 1
 1.339679606 1.237789669 1.807277369 1.494741463 1.204347663 1
 1.165892824 0.722055677 0.981494075 0.8342158 0.449118463 1
 0.909524701 0.878408563 1.007763843 0.813955229 0.796793413 0.797693476
 YHL031C YHL031C::GOS1::SNARE protein with a C-terminal membrane
 anchor
<U>GO</U>lgi <U>S</U>nare 1 0.972058976 1.252838733 1.022956334
 1.374132833 1 1.157690978 1.101918829 1.27449062 1
 1.36070345 1.285707118 0.906701606 0.8069295
 1.087861521 1 1.752012339 1.546823157 1.499408099 1.443409339 1
 1.188235869 1.313670099 0.824272708 0.676498328 0.943227932 1
 1.161230437 1.713282354 1.412181134 0.881152947 1.371829352 1
 1.697659777 0.767235488 1.249416616 1.375361555 1.322192232
 YOR022C YOR022C::YOR022C::molecular_function unknown 1 0.812226879
 0.977032044 0.798830603 1 1.022568202 1.121385295
 0.80906419 1 1.402124552 1.472089918 0.93014723 1
 1.39025281 1.54304176 1.060782275 1 1.474515988 2.502810216
 1.317305186 1.216617712 1 1.02374547 1.383782484 1.219309665
 1.123533895 1.070917899 1 1.335162176 1.312072428 1.532667964
 1.393212362 1 1.181214665 1.476839493 1.139485498 0.891742501
 0.596126938 1.116420579
 YOR024W YOR024W::YOR024W::molecular_function unknown 1 1.013216236
 1.006882041 0.887806012 1.033005315 1 0.884354784 0.842916034
 1.019873723 1.022448562 1 1.008825762 1.031750687 1.043209597 1
 1.309989954 3.440581862 0.815417047 1.185608012 1 1.465236898
 1.882378312 1.261629094 1.140589748 1 1.06553758 1.169770978
 1.08157357 1.047406233 1.060599879 1 1.146045544 1.250000375
 0.98884439 0.944130654 1.156297323 1 0.841235081 1.361429391
 1.078701841 1.718407956 1.102646605 1.142689274
 YOR026W YOR026W::BUB3::Protein required for cell cycle arrest in response to
 loss of microtubule function 1 0.77148181 0.849998543 0.806657196
 0.852063642 1 0.791845673 0.822559483 0.851134197 0.903141769 1
 0.692205848 0.637205397 0.837197276 0.94820494 1 0.667809858
 0.397869348 0.614249243 0.876503974 1 0.871075394 0.867684017
 0.950316665 0.961452917 1 1.268240799 0.869542596 1.125026551
 1.003844324 1.309388416 1 1.149921005 1.109474848 0.883780349
 0.972458926 1.170011732 1 1.028812964 1.115106337 0.894116496
 1.174114796 0.780967005 1.044619396
 YOR028C YOR028C::CIN5::Protein involved in silencing 1 1.185991199
 1.496751165 0.971938026 0.941677612 1 1.140905333 0.986296938
 1.077365866 0.81827022 1 2.152616665 2.352366026 1.776826332
 1.192134601 1 4.894548685 2.834293409 1.431306202
 0.776043992 1 1.623867856 2.05738088 0.974978907
 1.149872959 1 1.652435157 1.438846334 2.016192429 0.677744142
 0.718629778 1.170364247 1.341025617 0.747609455 0.595015151
 0.836441049 1.025355707
 YOR030W "YOR030W::DFG16::Involved in cell wall maintenance, filamentous
 growth" 1 1.352489613 1.403434156 1.599913279 1 1.263919442
 1.359611845 1.809846818 1.492949623 1 1.942854916
 1.798244324 0.604034674 0.945721383
 0.795458947 0.964861313 0.847391082 0.882235975 1
 1.092895612 0.683785686 1.050128493 1.041415858 0.802572471 1
 0.915990054 1.028519473 0.780709254 0.631690197 0.668809171 1.574371933
 YKL077W YKL077W::YKL077W::molecular_function unknown 1 0.907563592
 0.550109123 0.927299368 0.861615331 1 0.783579377 0.691123024
 0.948660614 0.780587385 1 0.786877814 0.610970169 0.548951272
 0.914432822 1 0.663931033 0.506662754 0.59123231 0.694507778 1

0.797413671	0.452451042	0.931132408	1.309166522	1	1.178313991
1.243087844	1.21941756	1.142168695	1.009154722	1	0.989994837
1.229949572	1.256692459	0.851571029	0.967457126	1	1.04346745
1.085070641	1.171561477	1.044201636	1.121012501	1.219744238	
YKL079W	"YKL079W::SMY1::not believed to act as a kinesin, colocalizes with Myo2p"				
	0.763397946	1.093546771	0.916314974	0.951632224	
0.941313367	0.765838452	0.875991403	0.731818616	0.919156092	
0.835524659	1.036749366	1	1.601357433	0.643974721	
0.884766909	0.797290146		1	1.141557559	1.35828693
1.067311103	0.935369332	1.066756415	1	1.393829101	1.079610928
1.11455174	1.058178418	1	1.387109012	1.236050418	1.119766967
1.11297769	1.346189453	0.828340286			
YKL081W	YKL081W::TEF4::Translation elongation factor EF-1gamma 1				
1.098380707	0.665028196	0.492239845	0.380490459	1	1.002003302
0.903361586	0.411636507	0.38093978	1	0.97991272	0.728112103
0.417273261	0.37355715	1	1.172912219	0.914517501	0.630407819
0.621186533	1	0.835287673	0.338084568	0.292703578	0.570578219
1.110136633	0.734077348	1.330445445	1.447793511	1.145936557	1
0.867914576	0.718588085	0.507590961	0.434183843	0.441804633	1
0.948568891	0.663443429	0.756262779	0.714669506	0.455073538	0.760917271
YHL033C	"YHL033C::RPL8A::Homologous to human L7a, mouse L7a, and rat L7a" 1				
1.392974396	1.037401967	1.173290481	1.274341391	1	1.093446552
1.164545764	1.336643661	1	1.138427493	0.89847528	0.863877581
1.167751996	1	0.651587834	0.138082958	0.166078712	0.371055353
1.038574096	0.288803452	0.169978658	0.776388422	1	1.057099362
0.966711108	0.757971898	1.108550182	1.136559725	1	1.276882607
1.021681449	1.075379047	0.587903478	0.825119046	1	1.032256947
0.716269521	0.771684102	0.773007619	0.76663864	0.820459668	
YKL095W	YKL095W::YJU2::Product of gene unknown 1 0.846499061				
1.45070435	1	1.334629659	1.483149025	1.154688748	1
1.158989273	1.364844521	1.540528442	1	0.506803308	0.381513225
0.605320392	0.886143197	1	1.232955001	2.260063417	1.477387999
0.889903806	1	1.118451025	1.351371793	0.961398709	0.875495483
1.394714895	1	1.541699211	0.96194511	0.928374328	1
0.987214086	0.678758485	1.058944522	0.595231186	0.873767692	0.623444299
YHL035C	YHL035C::YHL035C::molecular_function unknown 1 1.177214391				
0.998582083	1.372337609	1.051659623	1	1.191699663	1.138641433
0.946536197	1.081458921	1	1.97510812	1.859196972	1.269904947
1.378556713	0.800409034	0.968184246	0.800884645	1	0.963319895
0.839414938	0.800909501	0.868762762	1	2.255859846	2.823721416
2.45585427	0.967615594	1.45517415	1	3.795618924	2.304415784
3.950482438	2.010870927	0.705863355	1	3.497086783	2.482303476
1.568370015	0.595698402	1.300921437	1.186470537		
YHL035C	YHL035C::YHL035C::molecular_function unknown				
				1	1.036249205
0.992055841		1.264066627	1	0.928629398	1.994523625
1	0.818656438	1.034244922	0.879555126	0.860617985	
YKL097C	YKL097C::YKL097C::molecular_function unknown 1				
1			1		
	0.534991309		0.542770833	0.257650762	1
0.823975036	0.702538908	0.800583634	1	1.194805812	
0.879618129	1		1.07359549	0.826192665	1.14744585
0.933363304	0.960559531				
YHL049C	YHL049C::YHL049C::molecular_function unknown 1 0.926828028				
0.619106048	1.016576858	0.554191574	1	1.178936048	0.583841809
0.470164794	1	0.915919647	0.875630318	0.628038573	0.845329999

2.078288865		1.436334551	1.097488572	1		0.604564473	
0.385107138		1	0.743890979	0.765498705	0.908719362	1.056343948	
1.003500621	1	0.69433017	0.467358893	0.892269415	1.183463753		
0.484719623	1	0.74380058	0.655358715	1.007919836	0.515712632		
0.806795865		0.725892293					
YKL098W	YKL098W::YKL098W::molecular_function	unknown		1		1.10459343	
0.925158242	1.061488992	0.895279864	1		1.051022142	1.07459458	
1.07639339	1.130229503	1		0.964045788	0.962385791	1.086299121	
1.256598638	1			0.90396416	0.746267373		1.309687875
0.530035814		0.731641158	1		1.206298539	1.227483878	1.234604904
1.701998253	1.404328827	1		0.93378465	0.665137695	0.670673145	
0.895115427	0.50748701	1		0.686406539	0.566716923	0.79841083	
0.641908692	0.683267161	0.578787476					
YHR001W	YHR001W::OSH7::Oxysterol Binding Protein		1			1.175101458	
1.04112191	1.352986549	0.965746098	1		1.83936952	1.140884508	
1.06056439	1.210681295	1		0.832704644	1.153861369	1.13088405	1
1.168475874	0.945365728	1.15823442	0.979416901	1		1.559750527	
0.919378204	1.514015861	1.642135655	1		0.910255832	1.014259461	
1.294867268	0.96413519	1.071968996	1		0.994048762	0.916302099	
1.293333162	1.098433067	0.880647879	1		1.035862242	0.843726602	
1.17995078	0.775667158	1.210849681	0.935166396				
YKL100C	YKL100C::YKL100C::molecular_function	unknown		1		1.222084241	
0.967778686	1.129131633	0.621306972	1		1.344361868	1.275430698	
0.826578927	0.688561465	1		1.426038524	1.461502337	0.979161011	
0.93462566	1	1.785987586	1.897361578	1.977971779	0.761942389	1	
1.773618208	0.847029286		1.303170548	1		1.229368473	1.243704703
1.367355378	1.276268735	1.171484372	1		1.122795422	0.815514813	
1.053960305	0.787419434	0.542243862	1		1.349927868	0.981390367	
1.168589118	0.808077889	1.305479341	0.867743381				
YOR032C	YOR032C::HMS1::High-copy mep2 suppressor		1			1.109423447	
0.780636922	1.02267935	0.825047082	1		1.006260526	0.92141917	
0.865793768	1.111584507	1		1.224437255	1.246746762		1.342154689
1.612199245		2.047850654	0.969941416				0.537924655
0.568571084	1	1.045876971	0.977376567	0.945196859	1.074874604		
0.983589858	1	0.959709333	1.09069894	0.721846946	0.635390634		
1.427348337	1	0.836196804		0.740629595	1.234978616	0.76760855	
1.524461433							
YKL102C	YKL102C::YKL102C::molecular_function	unknown		1			
	1	1.572533641		1		1.691246412	
	1.3336849		0.164736733				
0.264173563	1	1.149246911	1.053228932	1.329551179	1.039579554		
1.046784839	1	0.883948919	1.110934313	0.992524462	1.20316251		1
0.957958183	1.141779691		0.683615319	1.307015222			
YHR003C	YHR003C::YHR003C::molecular_function	unknown		1		0.978656287	
0.870261989	0.965823725	0.889667991	1		1.000576233	1.01501748	
1.022673905	0.990739999	1		0.862438566	0.762706216	0.766543194	
1.044373398	1	1.037045123			1.212727491	1	1.360848246
1.108976253	0.917888474	0.977403124	1		0.991268992	0.837862249	
0.915138193	0.865888875	0.930986196	1		0.914833639	0.877317409	
0.764216721	0.866892576	1.032642551	1		1.055478691	0.94676749	
1.04495599	1.069136402	0.94707298	1.088400659				
YKL104C	YKL104C::GFA1::catalyzes first step in hexosamine pathway required for biosynthesis of cell wall precursors		1			1.430446824	1.058724158
1.606783698	0.977484628	1	1.632004498	1.698428648	1.036923161		
1.014795137	1	1.464085825	1.311578477	0.684308969	1.147907434	1	
1.550150182		0.549056135					1
0.939800674	1.020517032	1.123966955	1.018437773	0.959025443	1		

1.314207593 0.757874623 0.927172751 0.751988029 0.661288195 1
0.660012553 0.713908846 0.793435346 0.645202807 0.772939716 0.874748387
YHR005C YHR005C::GPA1::Involved in the mating pheromone signal transduction
pathway; component of pheromone response pathway common to both a and alpha
cells. 1 0.869295046 0.944713472 0.968074413 0.905779731 1
0.973999648 0.943820637 1.022832819 0.806849893 1 0.743664676
0.864662208 0.627444642 0.854869826 1 1.073459638 0.829099541
0.929134354 1.721282692 1 0.57456615 0.903615746 1.22544263 1
0.749525536 0.782467452 0.671961943 0.728667954 0.869349112
0.832486472 1.070982874 1 1.221873668
0.035992819 1.493620022 1.09715689
YOL021C YOL021C::DIS3::Possible component of RCC1-Ran pathway 1
0.885510261 0.74331651 1.110601323 0.611930952 1 1.037093719
1.047495834 0.719369051 0.742100625 1 0.804033688 0.595591995
0.39358434 0.908776249 1 0.520838661 0.381804563 0.526901491
0.485087671 1 0.591959432 0.968271645 0.506565346 0.809389285 1
0.703183658 0.582745778 0.694061276 0.887155032 0.69800028 1
0.81625174 0.58557081 0.509531806 0.674792461 0.573704432 1
0.822409299 0.67535332 0.897382972 0.78309518 0.643102208 0.636578646
YKL118W YKL118W::YKL118W::molecular_function unknown 1 1.589144981
1.405136783 1.407085809 1.834394789 1 1.351873292
1.739841734 1 1.291452442 1.178458605 1.20870795 1.505406346 1
0.322053457 0.276653933 0.598294869 1.141180515 1 1.405503182
1.870510431 1 0.924553177 0.937447125 1.006873681 1.11968611
1.325447323 1 0.84735072 1.305365845 1.210934199 1.134535421 1
0.990408482 0.509616555 1.462831395
YHR009C YHR009C::YHR009C::molecular_function unknown 1 2.038206668
1.770816862 2.384661804 1.879256528 1 2.155479613 2.36051331
1.53096754 1 1.911759553 1.659876539 1.706948128 2.063814946
1 0.959522564
0.773833091 0.744135877 1.196914833 0.844388715 1 0.945419652
0.482130911 0.497170952 0.547452654 0.632468083 1 0.817673958
0.616206836 0.779357366 1.037745598 1.362647664 0.767046613
YOL023W YOL023W::IFM1::mitochondrial initiation factor 2
0.83850644 1.192342504 1.099341015 1.332337431
0.96209431 0.918098325 1.00847243 1 0.655866153
0.439076349 0.553451871 0.738764816 1 1.15640383 2.119684757
1.252217257 0.73450567 1 0.801353741 0.864630757 0.728731478
0.894797781 0.863967339 1 0.990520587 0.552454984
1.129224382 1 1.14535898 0.897032862 0.986815266 1.170771594
1.03331424 1.034111939
YHR023W YHR023W::MYO1::myosin class II 1 1.194105164
0.774880302 1 1.198197309 1.264290689 0.909179082 0.743624673 1
1.063817952 1.017125035 0.644868429 1.006702671 1 0.951704292
0.986461746 1 0.537383276 1 0.816474646
0.741424787 0.672528201 1.045912224 0.887592291 1 0.70926069
0.673661942 0.457138412 0.8106508 0.904987028 1 0.848323711
1.102531675 1.415958409 1.069738291 0.814330326
YOL025W YOL025W::LAG2::affects longevity 1 1.252247115 1.327940848
1.389264404 1.199174864 1 1.416342211 1.72239381 1.447106606
1.437030993 1 1.679168498 1.470507344 1.217730855 1.3671854 1
0.939355422 1.230218327 1.418343536 1.176652308 1 0.70997711
1.204077407 0.937440235 0.617416808 1 1.03402621 1.183990714
0.979280935 1.056889958 0.853416429 1 0.900297632 0.894451259
0.80346515 0.852291738 0.838968483 1 1.019353677 0.986628007
0.990955567 0.993991153 1.147480435 0.84847964

YHR025W YHR025W::THR1::homoserine kinase 1 1.022949764 0.714116792
0.418242998 0.199444164 1 0.881213231 0.865612755 0.417240639
0.3277457 1 1.175948043 1.116247894 0.71741148 0.331341405 1
1.075985488 1.976001986 1.981879297 0.403228692 1 0.614926787
0.373550315 0.202016903 0.329022285 1 0.835493938 0.781565265
0.560817614 0.594275091 0.803308982 1 1.012627939 1.180411838
0.707353056 0.966417795 1.192980187 1 1.138782097 1.458837158
1.188394725 1.539000736 1.261420491 1.150569945
YOL027C YOL027C::YOL027C::molecular_function unknown 1 1.220813496
1.260653192 1.603193318 1.252091813 1 1.48305835 1.569457719
1.196501296 1.22544213 1 1.133163812 1.116295477 0.874353517
1.32669119 1 0.809819076 0.784418074 0.954858554 0.93535513 1
0.61043166 0.590252939 0.476666589 0.528180658 1 0.869449331
0.864133035 0.934997642 1.031490333 0.718538972 1 0.78495034
0.584635949 0.48787411 0.860627995 1 0.928786768 0.803777361
1.144158495 0.824380842 1.139410346 0.583165592
YHR027C YHR027C::RPN1::Subunit of 26S Proteasome (PA700 subunit) 1
1.391275614 1.117119675 1.576626358 0.983653285 1 1.601825141
1.577560432 1.078637661 0.94663807 1 1.214274921 1.517894213
0.899769604 1.126031783 1 1.187488706 1.280668502 1.165209516
0.856719368 1 0.861722827 0.687246868 0.830584116 0.775384562
0.84795689 0.977465895 0.892117874 0.795535397
1.498748051
YHR027C YHR027C::RPN1::Subunit of 26S Proteasome (PA700 subunit)
1
0.777641239 0.603682411 0.799459827 0.969227034 1.013756207 1
0.989250921 0.751430823 0.519708126 0.818333562 0.592077969 1
0.995222079 0.814908391 1.053755075 0.859449816 0.686927047 0.868618994
YOL029C YOL029C::YOL029C::molecular_function unknown 1 1.057065249
1.035121883 1.012879169 1.420903216 1 0.978346539 0.950880341
1.111586812 1.202731198 1 1.072272025 0.948340048 1.195683107
0.955350227 1 0.99354194 1.079565317 0.878289757 1.009758399 1
1.419886334 2.786065508 1.359799205 0.985420556 1 0.862832605
0.869353801 0.629845921 0.706907664 0.714409441 1 0.741530446
0.842301805 0.534728933 1.44143693 1 0.962332302 1.040335114
1.133086524 1.298733316 1.218897333 1.117296244
YOL031C YOL031C::YOL031C::molecular_function unknown 1 0.890238754
1.03941215 1.125992788 1.30525519 1 0.996115585 1.059655698
1.248103149 1.138931587 1 0.946182017 0.980295434 0.920892692
1.142917533 1 0.476340034 0.539460643 0.470330269 1.091426199
0.60071014 0.887865919 0.871098676 1.005598963 1 1.10408263
1.138053692 0.999983887 0.971872718 1.076266119 1 1.072088693
1.54650111 1.325897029 1.283785982 1.353355185 1 0.910622645
1.302007736 1.217265311 1.307274351 1.522554292 1.068261305
YOL045W YOL045W::PSK2::PAS domain-containing Serine/threonine Kinase 1
0.731353511 0.687202866 0.892334301 0.67475837 1 0.845953163
0.871366161 0.758353878 0.653061654 1 0.864389183 0.693298737
0.536959265 0.848095963 1 0.588669758 0.555610011 0.756179099
0.61113172 1 1.059218274 0.830313684 0.402139502 0.725623948 1
1.054508361 1.059775311 1.027531837 1.038690128 1.04859726 1
1.042311693 1.149844591 0.778392574 1.059910528 1 0.990369681
0.990141876 1.039832661 1.011217786 0.938563186
YOL045W YOL045W::PSK2::PAS domain-containing Serine/threonine Kinase 1
1.450360655 1.368993219 1.093540106 1 1.108537637 1.104982723
1.213146304 1.270139087 1 0.893537413 0.928033578 1.154755282
1.123253011 1 1.103511824 1.120482831 1.118002905 1

0.853935103	1.076553843		1	0.910358719	0.971664288
1.002344991	1.059671156	0.984086593	1	0.826792804	0.620164721
0.724902503	0.891148795	0.668591835	1	0.734083169	0.834193553
1.007572466	0.804030109	0.878441051	0.792439695		
YOL047C	YOL047C::YOL047C::molecular_function	unknown	1	1.665225724	
2.084249292	2.429702721	1	2.787968857	1	
1.887514836	3.345572763	6.519150652	3.422760797	1	1.113910908
1.494420977	1.462635404	1.062297582			0.535957063
0.617422211	0.744604423	0.914290383	0.886063471	1	
1.405383889	1.759190038	2.563571632			0.7133115
0.908183853	0.373040578	0.882629006			
YOL049W	YOL049W::GSH2::Glutathione Synthetase		1	0.833180335	
0.950108235	1.029085274	0.975485373	1	1.002425019	0.94721702
0.967394222	0.986571184	1	1.027693265	1.219711213	1.069137945
0.999449478	1	1.000085811	0.940636911	1.170585798	1
1.4145279	1.674267229	1.536989826	1.370640819	1	1.29468197
1.176740065	1.848530147	1.033438675	1.196599004	1	1.770841142
2.119618028	2.298565144	2.125086426	1.566926156	1	1.272858452
1.250762319	1.147762694	1.310943125	1.005859975	1.34320725	
YKL120W	YKL120W::OAC1::oxaloacetate carrier		1	1.106362098	0.924646005
0.998647842	1.18169044	1	0.848029164	0.796687736	1.169652371
0.978894619	0.709939089	0.573074875	1.091628677	1	0.286416791
0.202232403	0.318072742	1.146143553	1	0.945430746	1.339846298
1.760549625	1	1.075366764	1.189793036	2.782543168	0.792771452
1.085426178	1	0.991256938	0.975969577	0.662864224	0.632957423
1.07448863	1	0.708424711	0.759581109	0.712757729	1.285384887
0.766797592	2.827389976				
YKL122C	YKL122C::SRP21::part of the signal recognition particle (SRP)				
ribonucleoprotein (RNP) complex that functions in protein targeting to the					
endoplasmic reticulum (ER) membrane	1	0.693811668	1.049017705	0.731924192	
1.141805844	1	0.690397422	0.684396497	1.224970824	0.940651583
0.808175402	0.898175126	1.244651674	0.967857192	1	0.650918894
0.438468735	0.474985009	0.748788811	1	1.516783926	1.36170699
1.405281271	1.196358215	1	0.921436667	0.957742359	0.560642649
0.560116973	1.161781612	1	1.177418437	1.444078539	2.111331787
2.4246897	1	0.894412975	1.141367018	1.31368621	1.743209058
2.056286988					
YKL124W	YKL124W::SSH4::Suppressor of SHR3; confers leflunomide resistance				
when overexpressed		0.967791598	0.931553145	1.013040296	0.840934398
0.894728019	0.922640851	0.976510245	0.821474223		0.944009847
0.941368115	0.835524659	1.069055995			1.312605351
1.113992193			1	0.971849035	1.174723619
1.075437913	0.993523147	0.980526614	1	1.139145487	1.059191358
1.505803401	1.108394007	1.794383294	1	1.040462412	1.210793343
2.16475463	1.115545019				
YHR029C	YHR029C::YHR029C::molecular_function	unknown	1	1.085911204	
1.280976493	0.975191856	1.161817886	1	0.898040129	0.940048886
1.324059581	1.12303413	1	2.417450737	4.819356536	3.93569385
1.528907007	1	3.797612487	3.858185305	4.436002004	2.661861413
3.330868033	5.596624426	6.326460885	2.049460436	1	1.578802504
1.750743868	1.185439145	1.120723164	0.970581141	1	1.733551098
2.534397661	1.287516088	1.589403963	1.722517207	1	1.541573654
2.036073994	1.17757229	1.619088898	0.849509779	1.369475945	
YKL126W	"YKL126W::YPK1::76.5 kDa Serine/threonine protein kinase with				
similarity to protein kinase C, is 90% identical to Ypk2p"			1	1.112548444	
1.007247664	1.18915905	0.979211935	1	1.276059831	1.279578605
0.975794162	0.881435283	1	1.15124697	1.379918408	0.972186936

1.140489719 1 1.586025434 1.208505727 1.421801875 1.125009699 1
1.788222769 2.100176301 1.801398294 1.297997729 1 0.993202166
1.064056266 1.316523315 1.089212448 1.040359911 1 0.972367536
1.101649993 1.082655316 0.743127865 0.64644588 1 1.214605507
1.25360335 1.078065803 0.921014839 0.889603869 0.835345293
YHR031C YHR031C::RRM3::involved in rDNA replication and Ty1 transposition 1
0.731694417 0.7065644 1.045894533 0.783267379 1 0.889439395
0.94032567 0.851941933 0.9624985 1 0.644540957 0.550846919
0.420733269 1.03464608 1 0.512141227 0.465602447 0.578714156 1
0.549434078 0.953303334 0.351999709 0.481937423 1 0.967112405
1.162103985 1.004746466 1.120373917 0.942971678 1 0.663613329
1.114110599 1.060336348 1.229065974 1.645960806 1 1.501660388
1.571469588 1.34476557 1.795544686 0.851106531
YKL128C "YKL128C::PMU1::Phospho MUTase homolog. Small region homologous to
active site of phospho-mutases, these move phosphates via a phospho-histidine
intermediate. Homologs include: Sc GPM1, bact. Pgm, Hs Bpgm & rat fructose-2,6-
bisphosphatase" 1 0.97087765 0.933133644 0.858645291 0.8908358 1
0.909799959 0.765452987 1.055666482 0.984632539 1 1.285733569
1.266268053 0.863682545 0.929148616 1 1.018618394 0.709678766
0.783021569 0.975444859 1 1.511706536 1.015169036 1.193951489
1.026426613 1 1.326358877 1.419150666 1.900579864 1.322770324
1.225342976 1 1.171338022 1.43499696 1.218764543 0.995563544
0.783900057 1 1.299169776 1.287985337 1.149430547 1.017579522
0.84257781 1.171584964
YHR033W YHR033W::YHR033W::molecular_function unknown 1 1.458834797
1.407000061 1.562112547 1.446757702 1 1.447900579 1.537980682
1.536263126 1.626972285 1 1.407432108 1.291722085 1.93240861
1.555335056 1 1.365127382 1.617646794 0.89903925
0.41211512 0.754797838 0.695765744 1 1.507220906 1.469769822
1.662206361 1.332342943 1.420635983 1 1.084589211
1.300724351 1 1.122148024 1.18762544 0.770109639 1.139804444
0.773219517 2.138273731
YHR033W YHR033W::YHR033W::molecular_function unknown
1 1.314920601
1.661149148 1.706289581 1.143032272 1.224813212 1 1.28081434
1.123974043 0.592024635 1 1.449987419 1.533604054 0.681471209
0.711156087 0.874990508 0.989455116
YKL142W YKL142W::MRP8::mitochondrial ribosomal protein 1 1.439331561
1.48772614 1 1.306587634 1.57194141 1
1.197367583 1.301774367 1.426628363 1 1.363764203
1.934806404 1 1.611779271 2.936174361 1.305538962 1
0.934381456 1 0.629358065
1 0.816319126 0.97178322 0.627822415
YKL144C YKL144C::RPC25::Subunit of RNA polymerase III 1 0.868868787
0.864835889 0.792846117 1.019103191 1 0.715927778 0.651369754
1.312595553 1.114321269 1 0.589466027 0.587543288 0.92930555
1.040843066 1 0.445687625 0.342961426 0.500583258 0.887016432 1
0.974653255 1.252954635 1.243848911 0.702235859 1 0.904042694
0.846764668 0.892459911 0.8997877 0.93934788 1 0.903711228
1.066444488 0.724687184 1.432632831 1 0.863024369 0.930279219
0.962412436 1.34648336 0.760537207 1.179465531
YHR046C YHR046C::INM1::<u>in</u>ositol <u>m</u>onophosphatase 1
0.973779467 0.983088409 0.947031093 1.144514638 1 0.795377119
0.770273534 1.14619123 1.20301212 1 0.706935276 0.651788168
0.745473539 1.064810113 1 0.726380506 0.411322026 0.540110446
1.085710055 1 1.094104426 1.298061431 1.053543945 0.947605563 1

1.405048819	1.318082396	0.945239976	0.99986664	1.155659977	1	
0.688717739	1.032434215	0.846348805			1	1.153384609
0.897570862	1.763158253	0.820459668				
YKL146W	YKL146W::YKL146W::molecular_function unknown			1		1.253527636
1.023069127	1.293390833	0.755320697	1	1.39330843		1.379878
1.001870181	0.91485007	1	1.21026262	1.243548108		0.979161011
1.173033527	1	1.109827853	1.200697474	1.014524494		1
1.039816767	0.634070471	0.589706464	0.495855078	1		1.347575468
1.214251775	1.287229749	1.632441111	1.273525712	1		1.079776709
0.969450606	0.783405205	1.144916131	0.705391976	1		0.704984995
1.02407429	0.54208554	0.611695309	0.72238979			
YHR048W	YHR048W::YHR048W::not yet annotated			1	0.907949621	0.783900993
0.90634215	1	0.856766308	0.791397281	0.888604468		0.790108477 1
2.630254023	0.949219879	0.723564222	0.916355369	1		0.963420668
0.976447952	1.233927183	0.955560391	1	1.573936343		2.05906098
1.126115794	1.427685526	1	0.929047424	0.919647074		0.614922895
0.863852689	0.972265649	1	1.085837568	1.458458879		0.837478304
0.682664744	1.746391368	1	1.787869066	1.49474824		0.861356043
2.193922478	1.298155812	1.303804103				
YOL051W	YOL051W::GAL11::Regulates transcription of a diverse array of genes. Required for mating and sporulation.			1	1.136361525	1.1955197
1.303647855	1.136693875	1	1.408690824	1.241161333		1.092776594
1.058964635	1	1.06938923	1.136969083	0.949786225		1.082810923 1
0.575067589	0.356488913	0.451750855	0.556712782	1		0.760362671
1.297887174	1.23467198	1	0.837105182	0.921264127		0.896234452
0.823268642	0.766891169	1	1.344262981	1.022595566		1.226020163
1.030911536	0.810916447	1	1.25903201	1.069729208		0.993489951
1.067514216	0.823129811	0.729394796				
YKL148C	"YKL148C::SDH1::Yeast succinate dehydrogenase (SDH) is a tetramer of non-equivalent subunits--Sdh1p, Sdh2p, Sdh3p, Sdh4p--that couples the oxidation of succinate to the transfer of electrons to ubiquinone."			1		1.660027439
1.70540551	1.264346533	0.904027016	1	1.941219802		1.907582059
1.260045405	1.128010387	1	1.179754296	1.177616085		1.746565751
1.075771532	1	1.230975687	1.045786512	1		1.046830751
0.772090989	0.84430895	0.768084403	1	0.832286285		0.765879167
0.716017965	1.12224139	1.114718173	1	0.287362255		0.279469998
0.232302901	0.286046619	0.643170318	1	0.703954259		0.479794619
0.684831423	0.937762451	1.533283278	0.882629006			
YHR050W	YHR050W::SMF2::SMF2 was isolated as a high copy suppressor of a temperature sensitive mutation in the PEP (mitochondrial matrix protease) gene and may influence PEP-dependent protein import			1	0.977261613	0.651145977
0.872450779	0.438366606	1	0.887319521	0.839680849		0.856197507 1
1.12447589	0.738426438	0.692149637	0.838093702	1		1.255598088
1.680728539	0.963049165	0.721288035	1	1.351161117		1.018895563
0.96961093	1.333316887	1	0.990086202	1.037243698		0.891533146
1.135930931	1.105811944	1	0.715224764	1.306346613		0.762284198
1.157939482	1.995464258	1	0.700711268	0.915612821		0.883872836
1.644918388	0.850554048	1.14881872				
YKL150W	YKL150W::MCR1::NADH-cytochrome b5 reductase			1		1.131903327
1.506271251	1.550552718	1.893117687	1	1.263919442		1.597306232
1.887837775	2.014195046	1	1.114580687	1.772557557		4.033981456
1.760957524	1	2.668287865	2.43431815	4.093791005		3.592125247 1
2.493685147	2.413227394	4.807541219	3.891802837	1		1.221142529
1.368915306	1.437178195	1.088131448	1.206638405	1		0.913592604
1.281898642	1.258397688	1.365847464	1.466853269	1		1.119673748
1.066099912	1.263756168	1.89262869	2.225673521	1.906233488		

YHR052W YHR052W::CIC1::Core interacting component 1 1 1.042257167
0.799461 1.08010685 1 0.843464285 0.708777327
1.242393321 1 0.578005408 0.476450014 1.06965241 1
0.362399656 0.478550782 0.588031362 0.30035507
0.66858742 1 0.580721477 0.634895659 0.485133083 0.44731579
0.756061298 1 1.302373694 2.438411009 2.177233278 2.981725951
3.710967077 1 1.31364876 2.432188283 1.594377279 1.881457632
1.576026606 1.85894967
YOL054W YOL054W::PSH1::<u>P</u>ob3/<u>S</u>pt16
<u>H</u>istone associated 1 0.9084524 1.06140078 1.152951739
1.160368816 1 0.940553972 1.31070536 1.230928105 1.416517388 1
0.858143237 0.835452716 0.951084723 1.511254485 1 0.444437389
0.974510854 1 1.046397587 0.660413674 0.674553815 1
0.824399911 0.709754102 0.985166275 1.019784504 1 0.720970795
0.62702192 0.887105646 1 0.925358582 0.808489603
0.945592849 0.86681467
YHR054C YHR054C::YHR054C::molecular_function unknown 1 0.898296582
0.737862643 0.81492369 0.980865952 1 0.838368953 0.758944519
0.756210325 0.817502565 1 0.82231315 0.72456628 0.661735958
0.789068247 1 1.31209425 1.251467447 1.679699661 1
1.376125086 1.144816643 1.48924739 1.687794227 1 1.082454978
1.32146761 1.021518628 0.991424225 1.02737793 1 1.123966748
1.527323056 1.15827394 0.89559469 1 2.038937094 2.551861223
1.365383299 1.969104928 2.572697117 1.346709701
YOL068C YOL068C::HST1::Homolog of SIR2 1 1.213867162 1.167456748
1.139803428 1.019428067 1 1.197796939 1.175512464 1.401177878
1.205744696 1 1.127265307 1.072091642 1.102062543 1.029632072 1
0.879619167 0.801054047 0.76574988 0.840521867 1 0.997271312
1.271203496 1.11844094 1.419930818 1 0.941036071 0.87668824
0.849350996 0.897778194 1.071947159 1 0.839205816 1.013009576
0.697989336 0.773994275 1.071552203 1 0.993195826 0.955601997
1.061385951 1.247516146 1.339622507 1.068261305
YHR056C YHR056C::RSC30::RSC complex component 1 0.796119558
0.673684211 0.813893231 0.657172203 1 0.831089678 0.832783406
0.661274533 0.660852758 1 0.961198129 0.737862923 0.613023728
0.748504758 1 0.779090324 0.371589842 0.649936991 0.95541463 1
1.209086039 1.400469803 1.59753362 1.0737337 0.635682356
0.586295459 1.128534126 0.754313787 0.965483794 1 0.851974931
0.643676243 0.777666222 1.058188004 0.541495908 1 0.675286648
0.963525721 1.069074182 0.74829472 1.104161897
YOL070C YOL070C::YOL070C::molecular_function unknown 1 0.761744707
0.970812002 0.948103286 0.849686164 1 0.94619576 1.065250727
1.064415691 0.982965167 1 0.83142909 0.930544606 0.921750898
0.977960706 1 0.717993125 0.653974586 0.673074148 0.980001082 1
0.958893466 1.066824592 1.066117799 0.793981323 1 0.926413936
0.964479163 0.976259333 0.991576492 0.925438396 1 0.805765227
0.792602782 0.659111667 0.943283551 1.066036898 1 1.101485066
1.119599655 1.218220288 1.063213566 1.256140031 0.865992156
YHR070W YHR070W::TRM5::tRNA modification enzyme 1 0.621141875
0.479254161 0.613219627 0.342707822 1 0.641276637 0.590014949
0.593162627 1 0.6308215 0.433783281 0.251211496 0.66706057 1
0.330533858 0.087562356 0.402909621 0.443746899 1 0.583810635
0.983187587 1 1.206854846 1.294975142 1.476019857 1.396523675
1.289732265 1 0.972710891 1.302804261 1.128683307 0.865894903
1.413734419 1 1.469908026 1.980883361 1.327018762 1.748871376
1.324847365 1.761755561

YOL072W YOL072W::THP1 1 1.19724718 1.391097328 1.118334885
0.980268998 1 1.296525741 1.425719226 1.168574866 1.193284509 1
1.049342519 1.154736647 1.296067935 1.083537012 1 0.904626889
1.431945863 1.180541819 0.730903641 1 0.6484227 0.44232862
0.315197805 0.427461272 1 1.033656318 1.186342777 1.170015756
1.51466414 1.24236901 1 0.941678144 0.51185359 0.514532537
1.061372757 0.58667709 1 0.712245676 0.479812797 0.813855815
0.431494697 0.932344133 0.490349442
YOL076W YOL076W::MDM20::Mitochondrial distribution and morphology 1
1.042500478 0.911011519 1.104491211 1.003217302 1 1.027450184
0.927835172 1.068960272 0.841653947 1 0.852995794 0.840986917
0.510619389 1.205219213 1 0.517480372 0.477181951 0.515378473 1
0.616504902 0.761715473 0.40199404 0.593627064 1 0.731846852
0.891714381 0.853560457 0.91242121 1.034186035 1 0.87091942
0.765046297 0.76266778 0.846084545 0.705350414 1 0.818353438
0.990768154 1.034795237 0.855772423 0.909052166 1.011345695
YOL078W YOL078W::AVO1::Adheres voraciously (to TOR2)
0.634371914 0.854793078
1.23517431 1 1.145659005 1.924464059 1.22277588 1
0.725533417 0.941759486 1 0.944251474 0.724065606
0.722007941 1.103827865 0.800615266 1 0.66984765
0.721190137 0.97777697 1 1.017633245 0.943505746 1.092955942
0.797280731 0.889008637 0.98245011
YOL092W YOL092W::YOL092W::molecular_function unknown 1 1.370000788
0.89185369 0.796232749 0.863026912 1 0.860087936 0.737974346
0.915168438 0.977753823 1 1.202150562 0.634608191 0.53508803
0.852151738 1 0.682666178 0.28456078 0.415207748 0.641320318 1
0.590966601 0.295740837 0.29110273 0.529311775 1 0.906795841
0.491588728 0.581720751 1.189218498 0.714431884 1 0.555209243
0.325783783 0.281986309 0.402205547 0.554626126 1 0.619514192
0.377796148 0.601555495 0.666351037 0.501998522 0.83184279
YKL152C YKL152C::GPM1::converts 3-phosphoglycerate to 2-phosphoglycerate in
glycolysis 1 1.327587028 1.393778137 0.966148323 1.27736799 1
1.061219102 1.192492613 1.397264259 1.331303332 1 1.03723848
1.099617808 1.783731635 1.040929902 1 0.933267454 0.829699867
1.14356558 1.46856633 1 0.865840956 1.155816633 1.606042606
1.365215846 1 1.32858031 0.917127095 1.694222621 1.232155009
1.412300264 1 1.839378996 1.628969063 2.088011987 1.387661668
1.287674399 1 1.095015988 0.987849567 0.956905388 0.831610212
0.666575911 1.077017537
YKL166C YKL166C::TPK3::Involved in nutrient control of cell growth and
division 1 1.38065102 1.23858611 1.443908367 1 1.259302078
1.197972793 1.479620642 1.556351953 1 1.209677476 1.249215674
1.342542542 1.243213986 1 1.186904696 1
0.486304983 1 0.862698755 0.8489498
0.936841575 1.022076913 1 0.889429927 1.470054189 1.012306463
1.141732501 1 0.835310333 0.942753542 1.070536069 1.325821051
0.896613394 1.521834543
YKL168C YKL168C::KKQ8::Serine/threonine protein kinase of unknown function
1 0.778553678 0.99146352 0.948456352 0.693965805 1 0.968660203
1.061145881 0.833237146 0.653405516 1 1.136755914 1.11740288
0.86556227 0.910427596 1 1.599678569 0.980412115 1
1.793332974 1.91995299 2.03180975 1.329681916 1 1.201669622
1.144261243 1.344494562 1.0725337 1.239371835 1 1.441864831
1.061660771 1.152527931 1.132741604 0.643841866 1 1.157030015
1.028580211 0.972167535 0.798956899 0.841380187 0.991206341

YHR072W YHR072W::ERG7::carries out complex cyclization step of squalene to lanosterol in sterol biosynthesis pathway 1 0.715303062 0.504163209
0.755113901 0.416108692 1 0.749070554 0.713005735 0.579316877
0.613413592 1 0.616703561 0.485005753 0.324489394 0.689752952 1
0.406750146 0.267924683 0.339986456 0.459385287 1 0.561253842
0.369216889 0.458112711 0.935920788 1 0.836784272 0.789355685
0.858234929 0.962021856 1.00115396 1 0.84138425 0.823018742
0.814418478 0.889381468 0.811602182 1 0.683638445 0.942727115
1.0434642 0.667752997 0.753803162 0.849355305
YKL170W YKL170W::MRPL38::mitochondrial ribosomal protein L14 1
0.886306325 1.251392293 0.877805982 1.338896761 1 0.885124816
0.886997587 1.155259474 1 0.909875308 1.013569815 1.607401285
1.005294193 0.79297003 0.509327646 0.651999043 1.016345992 1
1.717774712 2.729009099 3.297273367 1.637210158 1 1.207360078
1.150239561 0.848546069 0.972857887 1.124339325 1 1.203774996
1.692289622 1.141746021 0.965802218 1.803236408 1 1.389797208
1.438411388 0.950276008 1.937372754 1.827133489
YHR074W YHR074W::QNS1::Glutamine-dependent NAD Synthetase 1
0.841732511 0.639410462 0.764387052 0.474833759 1 0.940975611
0.936829586 0.616159556 0.571762698 1 1.031749887 0.907434621
0.717049745 0.645479367 1 1.445631562 1.122709475 1.52587386
0.896477842 1 0.841105208 0.560060778 0.732650844 0.825009359 1
0.918147241 1.033473586 0.69946201 0.78465779 1.061579658 1
0.90691572 1.159484974 0.994678412 0.820464304 1.299213187 1
1.035927952 1.134883091 1.17435285 0.632318916 1.191085561 1.203983
YKL172W YKL172W::EBP2::EBNA1-binding protein homolog 1 0.482360709
0.603109329 0.669223738 0.790702315 1 0.603130682 0.539860545
0.834669778 1.011234365 1 0.430764481 0.352976811 0.334158107
0.853455155 1 0.252238892 0.221302704 0.484424934 1
0.429263117 0.387058181 0.340180808 0.672776101 1 0.60051863
0.596663279 0.536583941 0.539418546 0.953284262 1 0.93884947
0.947545971 0.578727205 1.580774656 1.480429897 1 0.615995621
0.649344172 0.760765516 0.910020988 0.6361649 0.732897299
YKL174C YKL174C::YKL174C::molecular_function unknown 1.116777315
0.831337162 0.931415623 1.208047714 0.905624575 0.854541193
1.014934644 1.131230723 0.898195846 0.744632764 0.747882223
1.042623341 1 0.930333194 0.62709312 0.683738407 0.719231414 1
1.142105855 1.724426215 0.812927264 0.78117274 1 0.995240534
0.973432862 0.883107168 1.170924321 0.960580278 1 0.707231685
0.977377481 0.692184064 0.756348938 0.758520289 1 1.068739838
1.090158705 0.809524203 1.060814323 0.672944821 0.895763354
YHR076W YHR076W::PTC7 1 0.759979241 0.928693014 0.887760388
0.972233408 1 0.817891241 0.78831063 1.143505829 0.975953057 1
0.860957709 0.910001421 0.900534605 1.051298282 1 1.201468597
0.998311373 1.110269823 1 1.386162767 1.297724965 1.724473573
1.080521895 1 0.723368961 0.511990356 0.68391424 0.960165081
0.858392055 1 0.640535359 0.577619356 0.40851214 0.811531311
0.720611172 1 0.513692779 0.559577507 0.869091635 0.788023276
0.411395538 0.663723006
YKL176C YKL176C::LST4::involved in regulated secretion/recycling of nitrogen regulated permeases 1 0.879245666 0.768088379 0.955374576 0.813829122 1
0.968512399 0.845999086 0.943962922 0.940006323 1 0.969412338
0.761413879 0.616437333 1.007810985 1 0.936592782 0.679658862
0.796973876 0.633969245 1 0.955150857 0.945900548 0.665248601
0.828567107 1 1.070140164 1.018954852 1.210153541 1.36688053
0.954757388 1 0.927219693 0.857456988 0.860461332 0.892308026

0.67893982 1 0.828968978 0.871647276 0.927155085 0.573193171
1.04024128

YHR078W YHR078W::YHR078W::molecular_function unknown 1 0.840722083
0.553343184 0.897314247 0.640010005 1 0.82068154 0.845666426
0.603443249 0.724897475 1 0.954712733 0.764162604 0.541311329
0.763451134 1 0.961213179 1.183462603 0.702312944 1
1.091379715 0.91163231 0.891620844 0.911733892 1.462517177
0.670932033 0.705214653 1 1.593466178 1.323094268 1.739074955
0.848479977 0.652805838 1 2.569934385 2.018680021 1.272202984
0.371109913 1.579879922 0.965813311

YKL190W YKL190W::CNB1::Type 2B protein phosphatase; regulatory B subunit of
calcineurin 1 0.932189065 1.261508582 0.995470332 1.564800988 1
0.956597212 1.079163483 1.55672553 1.479718041 1 0.910020839
1.22224585 1.605770862 1.248299761 1 1.724518217 1.128076188
1.384621288 1.66533448 1 1.86074486 2.209937114 1.960003875
1.71649907 1 1.064278747 1.461989333 1.154785934 0.964224773
1.085511765 1 0.946876017 1.826277115 1.334284688 1.290496378
1.492325089 1 1.114820937 1.631595894 1.203320845 1.542595782
1.380718741 1.363346604

YHR079C YHR079C::IRE1::Involved in myo-inositol biosynthesis; implicated as
the sensor of unfolded proteins in the ER that initiates transmittance of the
unfolded protein signal from the ER to the nucleus 1 1.137502592
1 1.037864633 1.086821992 1 1.007891568
0.698404053 0.901324537 1.059411297 1 1.361588505 1
1.115552816 0.659657682 1 0.848171093 0.828784043
1.044767676 1.163063767 1.222602234 1 0.903398592 0.573957239
0.56136863 1.028738003 0.669958022 1 1.02430755 0.782938718
1.025888384 0.953736025 1.03963746 1.767884903

YKL192C YKL192C::ACP1::mitochondrial acyl carrier protein 1
1.178004023 1.494018151 0.903352193 1.350425164 1 1.132593986
1.153874915 1.401863558 1.400796007 1 1.269559075 2.218457289
0.977027401 1 1.64020697 1.23535837 1.464655519 1.469048636 1
1.379079603 2.141350404 1.686090594 1.026387476 1 1.458428732
1.385361419 1.388247619 1.282225001 0.858968283 1 1.060604565
1.635044764 1.061007486 0.740800106 1.029149606 1 0.93217447
1.130235362 0.952910315 1.020823808 1.09570526 1.230251695

YHR093W YHR093W::AHT1::the AHT1 DNA sequence is upstream of HXT4 and
contains an HXT4 regulatory element which is a multicopy suppressor of glucose
transport defects; probable non-functional ORF 1.244831203 0.856391107
0.784154168 0.977057473 1.025888805 0.988435069
0.812595998 1.232547096
1 0.95868962 0.799645337 0.899947
1.021400723 1 0.922580757 0.909914448 0.891294302 1.034323548
0.98713489 1 0.977560238 0.892890621 1.074928864 0.844651765
0.90364392

YKL194C YKL194C::MST1::mitochondrial threonine-tRNA synthetase 1
0.829883005 0.959449056 1.019853078 0.947597062 1 0.925790697
1.189920377 1.027714529 1.175492716 1 0.905333054 0.949238469
1.157871263 1.003200278 1 1.299668591 1.865066214 0.969276682
0.672888537 0.897929827 0.581540147 0.775126541 0.70042514
0.846653188 0.962768087 0.826737429 1 0.894232883 1.019074821
0.910163706 0.848776628 1 0.951052713 0.898576934 1.019229222
1.054949996 1.161357814

YHR095W YHR095W::YHR095W::molecular_function unknown 1 1.219996442
1.282695238 1.00641713 1.161069631 1 0.91815792 0.831594623
1.317005224 1 1.137620731 1.246576058 1.461477718 1.229249768 1
1.822037792 2.319558739 2.180306474 1.376949647 1 1.349192822

3.571133198	2.058740843	0.858849956	1	0.879129457	0.825412631
1.036507958	1.139454159	0.937964363	1	0.826183036	0.557913453
0.641141599	0.946910859	0.316480693	1	0.782749185	0.615608862
1.000594149	0.570616365	0.763128696	0.519245027		
YHR097C	YHR097C::YHR097C::molecular_function unknown			1	0.736295651
1.161767601	0.595273794	1	0.945747869	1.252283106	
0.643343946	1	1.002490747	1.428700752	2.068544436	0.772795943
1.955060426	7.384028998	2.909613825	2.825960829	1	2.524856181
3.007728228	4.903142436	2.454101236	1	0.919707639	0.927763358
0.837377277	0.750526578	0.889357255	1	1.121581426	1.104720964
1.14783047	1.048600922	1.478263903	1	1.021703422	1.397770402
1.06066804	1.410560069	0.92825299	1.326570347		
YHR099W	YHR099W::TRA1::TRA1 is the homolog of the human protein TRRAP which we have isolated as an essential cofactor of c-Myc.			1	1.185097925
0.946586214	1	1.251005145	1.087689532	1.004710349	1
1.429415776	1.213760139	1.335219607	1.23046694	0.75667213	
1.109694532	0.706870248		0.486621821	0.752561362	
0.362015627	1	1.017809499	0.970592768	0.996288326	0.850671328
0.96612968	1	1.197690256	1.728875863	1.092136391	0.866097658
1.355942882	1	1.228900955	1.658107336	1.298441232	1.767070161
1.050238502	1.239883592				
YHR101C	YHR101C::BIG1::bad in glucose or big cells			1	0.915248516
0.88750492	0.841600782	1	0.785443669	0.883575315	0.831835315
0.834916554	1	0.970860009	0.977474227	0.916557244	0.878495166
0.925767513	0.610061603		1.145571642	1	1.74188683
2.082856505	1.671810163	1	1.370104644	1.406737384	1.604759768
1.032851918	1.053522403	1	1.623651164	1.839915478	1.982748121
1.200056211	0.985545936	1	1.77764343	1.857758744	1.314050145
1.020994235	1.25165421	1.218868573			
YKL196C	"YKL196C::YKT6::Synaptobrevin (v-SNARE) homolog with similarity to Sec22p, Snc1p, and Snc2p, essential for endoplasmic reticulum-Golgi transport"				
1	0.78977042	0.989018396	0.894791997	1.271805343	1
0.806287087	1.31257214	1.580638374	1	0.821186738	1.048888816
1.371777185	1.1223214	1	1.254548264	0.752756082	0.988874507
1.540953263	1	1.654216139	1.619336629	2.215753348	1.705514624
0.976919423	1.246222929	1.042656377	0.832847771	1.046817951	1
1.255565416	2.404493928	1.505924282	0.912491879	1.892543445	1
1.417307078	2.05474083	1.13962078	1.994976874	1.496576665	
YKL198C	YKL198C::PTK1::Putative serine/threonine protein kinase			1	
0.932114932	0.849077616	0.737243198	0.555827963	1	0.962748464
1.119846147	0.78261611	0.711990033	1	1.151907464	1.09614441
1.050502361	0.612618583	1			0.378354261
	0.346795752	0.919856359	0.867017716	0.99719175	0.932711922
0.923381455	1	0.920799822	0.98557183	1.503761168	1
0.771224533	0.898642677	0.775261751	0.788882105	1.612899415	
YKL200C	YKL200C			1	
1.216435139	0.769596419	1	0.879047404	1.380087273	0.332079812
1.181979566	1	0.353651987		1	0.797817036
1.126953433	0.7384517		0.873064649	0.703186363	0.904241751
1.025789159	1.080308439	1	0.830412149	0.705045251	1.085302466
1	0.638162603	0.698430912	0.785305335		
YHR103W	YHR103W::SBE22::functionally redundant and similar in structure to SBE2				
0.924696521		0.749890227	0.943157093	0.923739285	
0.8281125	0.80164984	0.913869076	0.983676818	0.764242146	
1.06318202	1.399796816	1.042552895	0.731659075	1	
0.612130774	0.800772921	1	0.690665705	0.527654955	0.663416375
1.002750503	0.794064493	1	0.708304297	0.461040331	0.483444493

0.728659046 0.522351788 1 0.595133602 0.655424195 0.835749552
 0.638193817 0.495068245 0.52012064
 YKL214C YKL214C::YRA2::<u>Y</u>east <u>R</u>NA <u>A</u>annealing protein 1
 1.001788356 1.245604109 0.945495721 1.187235484 1 1.012940438
 1.150792166 1.420407399 1.342528198 1 1.037980994 1.146073527
 1.460519614 1.030711779 1 1.354443959 0.915286455 0.952837517
 1.322872019 1 1.462121285 2.460479494 1.755716894 1.470401218 1
 0.787562871 0.798498823 0.732023928 0.584706907 0.865587283 1
 1.133842997 1.465599242 1.454709545 1.039662085 1.334238768
 0.905611962 1.121325697 0.96761722 1.037422736 0.898791754 1.081395653
 YKL216W YKL216W::URA1::The enzyme catalyzes the conversion of dihydroorotic
 acid to orotic acid 1 1.179716841 0.81205838 0.666812119 0.818020682 1
 0.883723493 0.683089197 0.620124527 0.564067423 1 0.753989027
 0.420107218 0.153354394 0.646357527 1 0.696422832 0.279111235
 0.139136841 0.651276572 1 1.105736495 0.357536824 0.250654856
 1.003816305 1 1.145545963 0.755175071 0.771984169 1.247475979
 0.839057667 1 0.943459914 0.644057778 0.401257357 0.635902543
 1.275078652 1 0.953510961 0.883931824 0.951612085 1.315059367
 0.339283495 1.516580762
 YHR117W "YHR117W::TOM71::Translocase of the Outer Mitochondrial membrane,
 71.9 kDa" 1 0.751453579 0.695829899 0.82317929 0.571699314 1
 0.747518391 0.78284666 0.678574322 0.714754426 1 0.800971817
 0.789224517 0.598468567 0.835631226 1 0.939431452 0.832170066
 0.696172242 0.649136842 1 1.007381366 0.886644678 1.019448626 1
 0.991132441 1.005793612 1.33286035 1.144434371 0.992497086 1
 1.011010236 1.02275836 1.05941273 0.913363021 0.610850087 1
 0.941928614 0.997016452 1.119955796 0.812113188 1.061224917 0.844101524
 YKL218C YKL218C::SRY1::Serine Racemase homolog in Yeast 1 0.999778693
 1.222653373 1.121017375 0.889848448 1 1.05681656 1.181717996
 1.228234714 1 1.763464935 2.519274351 1.520796627 1.218874366 1
 2.481571217 1.777359962 1.767543832 1.411856373 1 2.843527264
 2.957924438 2.946487518 1.63385428 1 1.091472707 1.174457889
 1.448721007 1.204556362 1 0.978067223 1.424035406 1.332859137
 2.009083081 1.847594247 1 1.266826254 1.111127826 1.128504949
 1.261228101 1.582637449
 YHR119W YHR119W::SET1::Gene has a 'SET' or 'TROMO' domain at its
 carboxyterminus like the trithorax gene family from human and Drosophila with
 postulated function in chromatin-mediated gene regulation. 1 0.854191686
 0.826292578 1.060439276 0.933027749 1 0.945345306 1.137329628
 0.98369472 0.798080524 1 1.050853765 0.845678289 0.586402599
 0.966042584 1
 1.093431236 1.094609299 1.349134507 1.458618375 1.075251125 1
 0.892004515 1.07719691 0.996959224 0.556990894 0.90625565 1
 0.931502846 0.955601997 0.725062312 1.297982562 0.822906835 1.156699286
 YKL220C "YKL220C::FRE2::Ferric reductase, similar to Frelp" 1
 0.9125138 1.084355772 0.705910869 1 0.951841534 1.087189546
 0.955411032 0.903772316 1 2.338395914 12.35140734 10.64788912
 2.325304737 1 1.520067549 2.836494299 3.612632876 1.375672749 1
 1.573589902 0.946435314 1 1.102178201 1.019536545
 0.973375987 0.953274402 1.2614572 1 0.88631937 1.781505674
 1.781984445 1.471319542 1.079240911 1 1.057239686 1.106407957
 1.070563662 1.087397894 1.097062261
 YHR121W YHR121W::YHR121W::molecular_function unknown 1 1.019506305
 1.403120228 0.972948406 1.58477016 1 1.163060874 1.151802319
 1.27938408 1.124205401 1 1.25978522 1.169468474 1.235538948
 0.975636506 0.776217136 0.46371548 1.124994608 1
 1.714466414 1 1.041530746 1.02569771 1.224261167

1.108003104	0.973193969	1	0.963248025	0.683949407	1.006390015	
0.873580042	0.418822731	1	1.165232072	0.684826229	1.189350062	
0.667531841	0.962525205	0.787185966				
YKL222C	YKL222C::YKL222C::molecular_function	unknown	1	0.726848555		
0.772844091	0.669344307	0.781127316	1	0.751270437	0.727161487	
0.897180146	0.789406574	1	0.733546563	0.829588891	0.806264079	
0.838047677	1	1.155103533	0.891642532	1.202787165	1.166145177	1
1.843299925	3.950255234	2.414009853	1	1.09112661	1.140623015	
1.020878663	1.03349838	1.0319022	1	1.11035255	1.41360405	
1.173403345	1.210461962	1.683688388	1	1.072069704	1.342743412	
1.023171467	1.352014792	1.18538757	1.299425988			
YHR123W	"YHR123W::EPT1::sn-1,2-diacylglycerol ethanolamine- and cholinephosphotranferase"	1	1.307973536	0.892322403	0.895422715	
0.737504756	1	1.016578806	0.971535985	0.898697441	0.680016028	1
1.176681747	0.906359204	0.702858125	0.713865123	1	1.095565727	
0.6529985	0.602762646	0.600657938	1	1.030553466	0.721469544	
0.620807399	0.979017948	1	0.952719529	0.996228866	0.692884681	
0.987826125	1.047235717	1	1.384317686	1.107284309	1.384885721	
1.03977086	1.299537519	1	0.880896775	0.76021873	0.804017777	
0.845739243	0.687436648	0.640956762				
YKL224C	YKL224C::YKL224C::molecular_function	unknown	1	1.077826204		
1.104833114	1.100480501	1.177741244	1	0.878468332	0.965341924	
1.296293802	1.32385074	1	1.124503766	1.083092051	1.645154487	
1.23046687	1	1.230053086	0.961575336	1.39135973	1.504913606	1
1.62042996	2.901798461	2.313859772	1.178893148	1	1.290357255	
1.583181583	1.406718044	1.288365624	1.143874701	1	1.048125406	
1.97363475	1.426539536	1.278467165	1.432205312	1	0.995307382	
1.690680319	1.163644465	1.46758427	1.055276469	1.182092421		
YHR125W	YHR125W::YHR125W::molecular_function	unknown	1			
1		2.24184777	1	2.434925615		
	0.445425089			0.194596992	1	
	0.505159152	0.835435519	1.429972172	0.857556346	1	0.497842112
0.317839428	0.457203748	0.830741011	0.236716837	1	0.501815159	
0.249830587	0.742368164	0.375393833	0.437141388	0.520996305		
YKR013W	"YKR013W::PRY2::Pathogen Related in Sc, contains homology to the plant PR-1 class of pathogen related proteins. The protein sequence is over 60% identical with the Pry2p & Pry3p over 145 resid. PRY1 is >35% identical (50% similar) to tobacco PR-1c protein."	1	0.941740777	0.747114027	0.875178689	
0.775782455	1	0.843441674	0.860601106	0.787483733	1.057314838	1
0.647049381	0.587417374	0.536071703	1.313133961	1	0.450269757	
0.346949716	0.262159812	0.869017134	1	0.618500783	0.297350006	
1.356973732	1	1.150769558	0.91878875	1.015760688	1	
0.985358427	1.223573414	0.972460545	0.633485208	1	0.68800703	
0.766220779	0.73232841	0.529060467	0.951803299			
YHR127W	YHR127W::YHR127W::not yet annotated	1	0.898672316	0.93682157		
0.975666327	0.972977058	1	0.947843954	0.884523844	0.696928197	
1.09629937	1	0.74721807	0.834525234	0.781422895	1.18256542	1
0.571526675	0.966521657	0.887095282	0.816579338			
0.595749408	1	1.101223265	1.012348693	1.211175792	1.040497841	
1.193132582	1	0.958208023	1.124455957	0.828434888	1.261712515	
0.996786645	0.703354864	1.037154918	1.038520228	1.142244085		
0.843499602	0.837096518					
YHR141C	YHR141C::RPL42B::Homology to rat L36a and human L36a	1				
1.03871541	1.271449726	0.872079361	1.632797927	1	1.098456468	
0.910362382	1.50188907	1.224147048	1	0.753894978	0.818936028	
0.899446406	0.902676311	1	0.694735205	0.276324026	0.229632509	
0.75150462	1	1.645509651	0.923249919	0.6831769	0.830916348	1

1.478985592 1.88286981 0.718558523 1.349207315 1.643042203 1
1.848425386 3.108769383 2.007256238 1.569568543 1.766370437 1
1.469826091 2.334420519 2.084478305 0.899265805
YHR144C YHR144C::DCD1::dCMP deaminase 1 0.88796274 0.933055588
0.990055066 1.31995599 1 0.874387177 0.845453449 1.18003965
1.266067144 1 0.71126408 0.693942075 0.674908788 1.151065655 1
0.687590355 0.420841849 0.412360213 0.726620713 1 0.833044234
0.771655697 0.628071378 1 0.6192919 0.420447662 0.336111506
0.983461738 0.916976437 1 0.328042363 0.187747183 0.094090072
0.222159531 0.887465174 1 0.460608732 0.201009651 0.469810662
1.612115852 1.2223513 1.211863567
YBR175W YBR175W::SWD3::likely involved in chromatin remodeling
member of
Set1p complex 1 1.194074746 1.062080922 1.135286872 1.245110825 1
1.166880374 1.066503087 1.075280258 1.155536597 1 1.133064172
1.075199419 1.2088926 0.983434681 1 0.785406954 0.701130243
0.859767647 1 1.09011898 1.47944182 1.688912263 1.20187992 1
1.074623352 1.140506839 1.061900216 0.960469324 1.131159484 1
1.215683572 1.07107736 1.21237425 0.771115845 1 1.091095512
0.934433512 0.953711759 0.976995622 0.952598314 0.924658939
YBR177C YBR177C::EHT1::alcohol acyl transferase 1 1.917009405
1.908602793 1.717603541 1 1.933731743 1.573168629 1
1.616791858 2.057018123 1.588464183 1.57793495
0.515725968 1 0.971910841 0.829710867
1.027963075 0.965764229 0.692212517 1 0.881756602 0.803126247
0.726857554 0.720827012 0.518182361 1 0.891452603 0.620829033
0.875975181 0.939435485 0.950927634
YBR179C YBR179C::FZO1::may be involved in mitochondrial fusion 1
1.324568538 1.26245405 1.746968829 1.294004616 1 1.449743247
1.456349338 1.217079643 1.216032744 1 1.27375468 0.829012363
1.358264208 1 1.015740923 0.435398473
0.857086996 0.869690849
1.264490056 1.131896313 1.0502571 1 1.173723203 1.108163054
1.209669559 0.843225912
YBR181C "YBR181C::RPS6B::Homology to rat, human, and mouse S6" 1
1.768343737 1.795255057 1.510574061 2.48347641 1 1.53677921
1.238186289 1.86526854 1.834447683 1 0.954571578 1.143524993
0.956341565 1.294770966 1 0.718490899 0.339512207 0.224906068
0.624157691 1 1.259665701 0.593033967 0.685649294 0.629430939 1
1.32439071 1.197665514 1.060831063 1.317551692 1.438767422 1
1.589359237 1.635234146 1.121210231 0.734865258 1.363085325 1
1.460887925 1.513036561 0.395014212 1.833752836 1.042072241 1.428142781
YBR195C "YBR195C::MSI1::chromatin assembly complex, subunit 3: Encodes the
smallest (p50) subunit of the yeast Chromatin Assembly Factor-I (CAF-I) involved
in DNA-replication-linked nucleosome assembly. Homologous to the small subunit
of the Human CAF-I." 1 1.001448805 0.965188892 1.35159305 0.800414931 1
1.11283265 1.186832398 1.018176377 1.034227969 1 0.94450344
0.948453957 0.799315114 1.245115412 1 0.68343566 0.575656924
0.69486361 0.959876433 1 0.938311169 0.83730656 0.811692324
0.914920607 1 0.765904645 0.834864381 0.631055094 0.641251811
0.917087529 1.100925373 1.053944512 1.289682499 1.282108103 1
1.01330856 1.045457057 1.156059461 1.423985964 1.090281049 0.867743381
YBR197C YBR197C::YBR197C::molecular_function unknown 1 1.766190426
1.550187969 1.466321526 1.248738336 1 1.695215337 1.486592004
1.24848495 1.410640669 1 1.423320097 1.413433442 1.059241149
1.349396807 1.623168665 1.267417239 1.019810277
1 1.046777432 0.914472133 1.064046924 1.12555113
1.030767823 1.181348352 1.196336534 1.127513421 1.010537629

	1.093535419	1	1.043882066		1.293333285	0.831984663	
	1.25827172						
YBR199W	"YBR199W::KTR4::Putative alpha-1,2-mannosyltransferase"						1
	0.912976252	0.978639619	1.178929228	1.054214801	1	1.105300305	
	1.145144661	0.898684298	0.938628969	1	1.077394918	1.241016983	
	0.944101541	1.122420838	1	1.459512231	1.284965374	1.276986171	1
	1.569801858	0.768779993	1.132050576	1.300976195	1	1.078656799	
	1.42597359	1.445462961	1.142767038	1.185746005	1	1.236100079	
	1.476409273	1.703398378	1.117445056	1.061786148	1	1.351813819	
	1.296499792	1.175537426	1.175571864	1.429488956	0.836220905		
YBR201W	YBR201W::DER1::Degradation in the Endoplasmic Reticulum						1
	1.734845352	1.855338272	1.35007324	2.269055161	1	1.398594357	
	1.334408915		1.826678204	1	1.736947129	1.541611894	2.287616754
	1.801396238	1	1.642061688	1.325964948	1.331022969	1.669183922	1
	1.858356923	2.210550675	3.080497926	1.870852106	1	1.459603124	
	1.535749969	1.150277602	1.200753237	1.429559968	1	1.627431167	
	1.813444798	1.24576914	2.100432859	1	1.158643761	1.548034728	
	1.129945621	1.394263137	1.622872504	1.415883994			
YBR203W	YBR203W::YBR203W::molecular_function unknown						1
	1.145789272	1		1.768468318	1.203817239	1.072907914	1
	0.982320746	1.091101893	1.434584711	1.508275739	1	0.852429372	
	1.118298817	0.743590389	1	0.794862109	2.083187705		1
	1.034929916	1.02725836	1.142573152	1.291164803	1.065940963	1	
	0.647428594		0.967786797	0.857043605	0.691039362	1	0.661345454
	0.591733562	0.842302467	0.821136718	0.976900359	0.711882332		
YBR205W	"YBR205W::KTR3::Putative alpha-1,2-mannosyltransferase"						1
	1.406336073	1.019899405	1.378620457	1.261067587	1	1.259570781	
	1.22354345	1.054955539	1.214527511	1	1.134462869	0.999172202	
	0.830064712	1.103757027	1	1.024365338	0.700907619	0.706048946	
	0.941988834	1	0.910080597	0.420013829	0.599234003	0.799802553	1
	1.349322484	1.216783648	1.507144403	1.488863587	1.165566583	1	
	0.964387905	0.977096584	1.462914556	0.893580356	0.647019432	1	
	1.06594777	0.902646689	1.038849965	0.963620935	0.736405335	0.860738375	
YHR146W	YHR146W::CRP1::Cruciform DNA Binding Protein						1
	0.89738857	1.026458009		1.017011488	1.048954792	0.952660596	
	1.429836058		0.822241002	0.850404489	0.951212736	1.968746799	1
	1.163637918	0.726745325	0.831943319	1.000090879	1	1.287707288	
	0.77627118	0.756552106	0.804050875	1	0.951038689	1.580417836	
	0.660007934	0.537229183	1.070391167	1	1.750574623	3.064892296	
	2.762787367	1.365297283	2.927306108	1	1.593117658	1.937464824	
	1.088699254	1.918482487	0.943209833	1.534093225			
YHR148W	YHR148W::IMP3::part of small (ribosomal) subunit (SSU) processosome (contains U3 snoRNA); Interacts With Mpp10; Imp3p is a specific component of the U3 snoRNP and is required for pre-18S rRNA processing. It is not required for U3 snoRNA stability.						1
	0.874738207	0.810004275		1.50168301	1	0.612058855	0.518880054
	0.641949963	1.017018593		0.515616683	0.7787546	0.479854087	
	1.082360314		0.353906757		1.113225269	1	1.204220614
	1.506205133	0.70173325	0.587017893	1.22880428	1	1.788183507	
	2.846957626	2.320851437	1.564627045	2.650472785	1	1.455284646	
	2.123560072	1.283690127	1.859535221	1.099327178	7.01374844		
YHR150W	YHR150W::YHR150W::molecular_function unknown						1
	0.816510038	1.136237803	0.731884133	1	0.851904756	0.955717673	
	0.964551641	0.925331526	1	0.890924325	0.777466638	0.657056498	
	1.015586821	1	1.106540213	0.64143752	0.705449497	1.397449286	1
	1.330009909	1.885115533		1.948834075	1	1.301574606	
	1.454401924	1.145781037	1.075267495	1	1.079505654	1.466900892	

	1.613639104	1.084622507	1.393893554	1	1.282353965	1.479142369
	1.124278353	1.747265087	1.129214894	1.189097427		
YHR164C	YHR164C::DNA2::DNA replication helicase	1			1.367930142	
	1.498422803	1.103043239	1.525276132	1	1.434222046	1.509907601
	1.326592315	1.354967888	1	1.226464254	1.260044914	1.224733354
	1.176740474	1	0.676825589	0.447328428	0.491378253	0.625418595
	0.848720938	1.352451793	1.160432494	0.727896042	1	1.083455957
	1.261387798	0.944481251	0.993484216	1.09338763	1	1.257991027
	1.455380685	2.528278952	2.628423238	0.712091127	1	1.843452297
	1.48685196	1.501034644	1.233802522	1.08452002		
YHR166C	YHR166C::CDC23::Required for mitosis and RNA synthesis	1				
	0.811893071	0.933135994	1.000943462	1.031345193	1	1.020606822
	1.001750631	1.034348368	1.03715722	1	0.867062505	0.879152904
	0.736092922	1.051152607	1	0.807114783	0.575277721	0.829353972
	0.832780576	1	1.198852581	1.326010645	1.564274775	1.132246265
	1.166058192	1.10412501	1.145727706	1.214831596	1.063833272	1
	0.994436583	0.679386544	0.918033907	1.094770991	0.72672453	1
	0.908204584	0.847144099	0.684862217	0.888959113	0.574492324	0.839723408
YHR168W	YHR168W::YHR168W::molecular_function unknown	1			1.143008968	
	1.196270899	1.332984483	1.153912819	1	1.308779877	1.43956032
	1.325748903	1	1.005801421	1.202806924	0.953468729	1.127629088
		0.890877912	0.696455704		0.722947698	1
	1.077386642	1.165358595	1.018867161	0.981354949	1.336008981	1
	0.807556717	1.310077627	1.782404965	1.012449602	1.436126162	1
	0.916895563	1.135433728	0.923885963	1.280751631	0.75662268	1.363346604
YHR170W	YHR170W::NMD3::putative Upflp-interacting protein	1				
	0.901357894	0.594116214	0.89252091	0.84756953	1	0.764872651
	0.598267512		0.855242609	1	0.600421243	0.324895237
	0.858496995		1.294625986	0.40721606	0.323847705	1.075483825
	0.616447217	0.153187041	0.139147863	0.485898513	1	0.854368528
	0.837036185	0.841712771	0.739039171	1.09883882	1	1.120308627
	0.842947026	1.256437168	1.004615841	0.781820303	1	0.908198222
	0.701205218	0.84378003	1.053473857	0.870009241	1.668063695	
YHR172W	YHR172W::SPC97::Spindle Pole Body component with an molecular weight of 97 kDa	1				
	1.224503822	1.213340703	1.385537414	1.213077878	1	
	1.279589397	1.307303837	1.153983547	1.030622525	1	1.063311066
	1.099762015	0.816205716	1.372374794	1		0.996101429
	0.733019523	1	0.88601605	1.330802792		1
	0.8329798	0.564421959	0.782135535	0.96648393	1	0.674951091
	0.790616424	0.761176549	0.76888836	0.865403218	1	0.961634475
	0.850999944		1.369701149			
YHR174W	YHR174W::ENO2::enolase	1			1.231484517	0.815465262
	0.373287611	1	1.101516538	1.025621749	0.459871783	0.502136265
	1.160431606	1.082505558	1.0975563	0.417527738	1	1.425178934
	1.056820611	1.852729597	1.060265178	1	0.725865453	0.7214214
	0.786745992	0.692757604	1	0.894207257	0.85877518	1.135899202
	1.045109801	0.870622799	1	1.306435085	1.024350706	0.909257498
	1.35459307	0.691209914	1		0.95254568	0.896045577
	0.640995889	1.085773768				
YHR188C	YHR188C::GPI16::Glycosyl Phosphatidyl Inositol 16	1				
	0.989190057	0.82255709	0.759772778	0.518931784	1	1.007216917
	0.943443944	0.585950942	0.588871845	1	1.01836611	0.987930741
	0.740512396	0.632874524	1	1.391034172	1.062273389	1.395517557
	1.011580872	1	0.671026864	0.684174483	0.550681834	0.595530314
	1.200291047	0.616984869	1.246694626	1.272105716	0.772210591	1
	0.955220303	0.706624067	1.201105194	1.300112965	0.291237618	1
	1.2858221	0.59364404	0.501978372	0.661041894		1.188221762

YBR219C YBR219C::YBR219C::molecular_function unknown 1 1.67371808
1.639082975 1.359734912 1.960226599 1 1.411813991 1.306424973
1.6664379 1.688365993 1 1.311477393 1.215770039 1.590406531
1.335655877 1 0.633434626 0.497854567 0.461271371 0.897093245 1
1.089769144 1.809210468 1.057108676 0.825015762 1 1.259688342
1.085834046 0.81078946 0.927080872 0.975950346 1 0.885835014
1.003332998 1.038228679 0.718446104 1.451793505 1 0.917818039
1.48961478 1.124679111 1.941713948 1.351500724 1.238132366
YBR221C YBR221C::PDB1::beta subunit of pyruvate dehydrogenase (E1 beta) 1
1.717904534 1.128277465 1.481972957 0.95830003 1 1.601489303
1.612064258 1.178586289 1 1.512152147 1.297367243 0.965304953
0.977666631 1 0.932604337 0.836246265 0.942277762 1.028496137 1
0.72429095 0.425497681 0.534558185 0.747969503 1 1.36188497
1.222504848 1.530029736 1.540281266 1.012754397 1 0.792358319
0.925926762 1.151059411 0.793714399 0.798442306 1 0.925830085
0.923786477 1.023147274 1.066921134 1.001648282 0.800320314
YBR223C YBR223C::TDP1::Tyrosine-DNA Phosphodiesterase 1 1.227386243
1.380499307 1.477327195 1.271585071 1 1.566256918 1.654615115
1.045836951 1.139091554 1 1.680004037 1.440550195 1.135703988
1.157178855 1 1.168563074 0.73366343 1.041461512 0.751000312 1
1.078595082 1.273544445 0.501140869 0.689713233 1 1.082762309
0.929194826 1.009592794 1.001003218 1 1.03348757 0.721750152
1.007842441 0.900206654 0.830230404 1 1.050764858 0.893222358
0.958402356 0.804523767 1.028795102 0.796817863
YBR225W YBR225W::YBR225W::molecular_function unknown 1 1.230416832
1.272312829 1.24921761 1.186085093 1 1.306060987 1.21213852
1.02962892 1.099723564 1 1.31253663 1.306440553 1.195301718
1.114408025 1 1.039585809 0.500107308 0.721055557 1.024955144 1
1.117523331 1.425598048 0.767717208 1 0.810384021 0.850401241
0.657625831 0.783532381 0.945572838 1 1.034176815 0.906768
1.008297555 0.885530818 1 1.126053828 1.179987923 0.989730431
1.205482315 1.039038806 0.911524592
YBR227C "YBR227C::MCX1::Mitochondrial ATP-binding protein, similar to ClpX"
1 1.033125416 1.200614941 1.273536469 1.297679025 1 1.104573682
1.117750715 1.179991033 1.215488984 1 1.108204951 1.191391188
1.157068704 1.243914657 1 0.800347704 0.688457396 1.054448456
0.843967904 1 0.693869446 0.674441382 0.478529941 0.411016907
1.07506783 1.174431697 2.012868883
0.927994975 0.996435366 0.887882787
YBR229C "YBR229C::ROT2::Reversal of tor2 lethality. Involved in Beta-1,6-
glucan synthesis." 1 1.160078756 0.940878342 1.60717783 0.930007262 1
1.410502923 1.392695369 0.958279505 1.009137455 1 1.31972647
1.62920924 0.903020946 1.603625552 1 0.800039501 1.241168527
1.077138934 1 0.684408124 0.542188589 0.344141306 0.591028555 1
0.964275211 1.047108173 1.136154171 0.867402652 1 1.018903032
0.836507635 1.034313823 0.987904221 0.475943325 1 0.948485738
0.78681002 0.674959193 0.994058537 0.563901851
YBR243C YBR243C::ALG7::ER protein that transfers Glc-Nac-P from UDP-GlcNac
to Dol-P 1 1.57843723 1.088806183 1.262563941 0.889236588 1
1.417683669 1.377906862 0.82396888 1.033763838 1 1.401643132
1.180442498 0.814572655 1.034153052 1 1.381561341 0.872463305
0.685945184 1 0.825660745 0.389922387 0.301662543 0.413378134 1
1.398603677 1.205519892 1.497872461
0.995258953 0.843225912
YBR245C YBR245C::ISW1::has strong homology to Drosophila ISWI
0.96286644 1.016964482 0.943510168
0.763165076 0.97409406 0.540745968 0.871483863

1 0.969488996 1.95177547
1.001612415 0.780621585 0.954410829
0.927976977 0.838793876 1.004340689
YBR247C YBR247C::ENP1::Essential nuclear protein 1 0.920608058
0.672158655 1.036781962 0.863562772 1 0.899662404 0.85157904
0.78447618 1.069004321 1 0.596140344 0.427556463 0.277608264
1.003303786 1 0.30092424 0.155940776 1 0.275535696
1.044253839 0.833883323 0.756734187 1.022880474
1.04873167 1 0.707452519 0.736472827 0.63554889 0.995097532
1.194542493 1 0.646353031 0.693935348 0.831545603 1.101048063
0.504746779 0.786310354
YBR249C YBR249C::ARO4::3-deoxy-D-arabino-heptulosonate 7-phosphate (DAHP)
synthase isoenzyme 1 1.186595302 0.941827315 1.031047533 0.943435622 1
1.292694263 1.074832614 0.882347773 1 1.383976487 1.335703783
0.640042556 0.749527897 1 0.939279727 0.57957175 0.294152615
0.287368953 1 1.102119798 0.325460258 0.303330847 0.551170825 1
1.033250808 0.837384725 0.671434341 1.086828334 0.906012667 1
1.054345057 0.812669212 0.714428693 0.608930047 0.888879186 1
1.137351653 0.89370507 0.642873913 1.056010818 0.749508123 0.797693476
YHR190W YHR190W::ERG9::squalene synthetase 1 0.980457379 0.868494782
0.991385017 0.724911466 1 1.120656714 1.091581067 0.827386
0.883458274 1 0.892751926 1.124243762 0.986406418 0.742268992 1
1.630381749 1.412534265 1.577987395 1.242113811 1 1.273358144
1.111551685 1.269723971 1.257996336 0.878770948 0.707788363
0.904241751 1.024819675 0.707128429 1 1.213179564 1.042610219
1.125179972 0.951193925 1 0.968595614 1.25448467 0.758554089
1.43252504 0.811755417 0.815205939
YHR192W YHR192W::molecular_function unknown 1 0.79823525
0.983630545 0.87918875 1 0.835391044 0.838567781 0.976049059
1.158749976 1 0.897706683 0.910430928 0.987282048 1.042883855 1
1.485932529 0.90561416 1.33126971 1 1.264425577 1.187659086
1.299250098 1.326254778 1 0.854984999 0.965132936 0.955606596
0.870977328 0.899761184 1 0.773355466 0.763121118 0.910892976
1.596467747 1.168404245 0.78201825 1.469039984 1.127018987
0.448319509
YHR194W YHR194W::molecular_function unknown 1 0.817823595
0.838834319 0.904540194 0.576873743 1 1.043356771 1.1354757
0.645373498 0.761769139 1 1.104670568 0.998864948 0.779462416 1
1.342260569 1.036662082 1.428331853 1.094783891 1 1.041565855
1.431979039 1.530592112 0.621086788 1 1.062936683 1.206196804
1.062774876 0.986923249 0.978942262 1 1.052327787 1.044560431
0.87289239 0.890563753 1.053712641 1 0.662303495 0.687059772
1.015575273 0.431885675 1.084022543
YHR196W YHR196W::UTP9::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA) 1 0.682133646 0.717126826 0.901911292 1.050490066 1
0.78620714 0.621298014 0.962643336 0.92725475 1 0.392326659
0.364983613 0.348788882 0.902271132 1 0.611104639 0.522200935
0.508753992 1 0.39566597 0.466993336 0.358958352 0.633951251 1
1.465787926 1.162247086 1.202641265 1.395524156 1.600938407 1
0.625510993 1.10502972 1.151897612 0.550003598 1 0.798077039
0.706280306 0.638072675 0.823485617 0.517559326 0.950927634
YHR198C YHR198C::molecular_function unknown 1 1.317922906
1.234798655 1.217053435 1.468899409 1 1.191435089 1.296443606
1.156328479 1.372770271 1 1.159570559 1.220473598 1.55819976
1.181411727 0.728750621 0.727312455 1.025973043 1
1.411079489 1.615381766 1.526967009 1 1.512998309 1.549321722
1.259625875 1.125109061 1 1.683558219 1.039606165 3.092514346

	2.008737008	0.73795269	1	1.314447401	1.083144453	0.971023743	
	0.595193031	1.019226366					
YHR212C	YHR212C::YHR212C::molecular_function unknown					1	0.876139752
	0.970463128	0.996399796	1.116046961	1	1.136411936		
	1.07115937	1	0.806342758	0.945564954	1.03466895	1.07700727	1
	0.890311461		1.655157269	1.054872673	1	0.577533113	1.64999198
	1.19821802	0.591175186		0.772633681	0.670972304	0.816343436	
	1.041302071	0.841090496	1	0.650983747	0.646109726	0.823231725	
	0.7048088	1.06798873	1	1.247073983	1.147530579	1.116308178	
	0.718196527						
YHR214W	YHR214W::YHR214W::molecular_function unknown					1	
	0.668490606		0.54492375	1	1.028416079	0.685031128	1
	1.100971754	0.824120463	0.422065439	0.903699849		1.59710862	
	1.758041565	2.093713054	1.108490986	1	0.807728045	0.626646637	
	0.593709096	0.668127373	1	0.979918077	0.966876394	1.119233506	
	1.274403142	0.946206842	1	0.536268222	0.385782441	0.596002233	
	0.379347697	0.057782531	1	0.7900911	0.554053255	0.619691243	
	0.290261243	0.520919459	0.647961768				
YHR216W	YHR216W::IMD2::IMP Dehydrogenase					1	0.959173524
	0.73928312	0.815808545	1	0.954253975	0.795242202	0.597612203	
	0.687807921	1	0.911565008	0.589929324	0.315167458	0.60305696	1
	1.2968306	0.593987853	0.394304871	0.485622776	1	0.665509082	
	0.352117509	0.186170152	0.439271857	1	0.919878066	0.769700937	
	0.812544272	0.972968183	0.782323638	1	1.040270638	0.898210837	
	0.720398721	0.54121163	0.893690904	1	0.94161958	0.775561034	
	0.673585534	0.974046738	1.077678254	0.868618994			
YHR218W	YHR218W::YHR218W::molecular_function unknown					1	0.650754721
	0.499064114	0.815887884	0.337008207	1	0.92499431	1.034019393	
	0.589740333	0.399710509	1	0.688756911	0.666244825	0.154864146	
	0.610452172	1	0.722154793	0.64458409	0.679896502	0.430878773	1
	0.591921619	0.440724764	0.344279389	0.791255104	1	0.799441641	
	0.853795629	1.239092787	1.206826682	0.937953015	1	0.779909859	
	0.43330906	0.811298869	1.123187824	0.398501617	1	0.648878891	
	0.498498338	0.953985779	0.537684147	0.835221426			
YIL001W	YIL001W::YIL001W::molecular_function unknown					1	1.355626838
	1.261745512	1.341560153	1.772762727	1	1.324565733	1.256694212	
	1.423741051	1.419334104	1	1.050493735	1.040968496	1.274071497	
					1	1.097950763	
	1.1456998		0.998992368	1.071262107	1	0.96805906	0.978099125
	0.984278097	0.819695984	0.956063751		1.026057225	1.077100358	
	0.90922653		1.067021109	1.106788787			
YNR073C	YNR073C::YNR073C::molecular_function unknown						1
	0.719514895		1.626820542	1.544002205	1	0.787455131	2.425203733
	0.786980231	1.05049885				0.879365396	1
	0.733214282	1.274156173				0.667659557	1.10629514
	0.369957592						
YOL010W	YOL010W::RCL1::protein similar to the RNA 3' terminal phosphate cyclase (RNA 3' terminal phosphate Cyclase-Like)					1	0.875164779
	0.833572742	0.967518441	1.062320264	1	0.795342491	0.73899763	
	1.192115082	1.475798332	1	0.358739614	0.366091962	0.415808097	
	1.05369802	1	0.236067352	0.233294629	0.353814518	0.82751226	
	0.281728412		0.287135458	0.747948217	1	0.656618885	0.612667094
	0.671790086	0.926419285	0.86760988	1	0.411962128	0.57251213	
	0.412585615	0.737116223	1.076855064	1	0.487732762	0.587273288	
	0.868454712	1.096615854	0.578315261	1.085773768			

YOL012C YOL012C::HTZ1::Histone-related protein that can suppress histone H4
point mutation 1 1.694822754 1.702830916 1.064432683 2.125943006 1
1.158320418 1.181322296 1.57194141 1.58379567 1 1.189728973
1.326905122 1.369714894 1.265357284 1 1.272921381 0.855560223
0.695842521 0.918167688 1 1.928965551 2.310139224 1.857223258
0.966635019 1 1.243817796 0.98572826 0.72904256 1.024638098
0.860641133 1 0.935739744 1.03432507 0.77654481 0.59359898
1.143907619 1 1.321265662 1.318873948 1.186286264 1.891063651
1.794427308 1.464918933
YOL014W YOL014W::YOL014W::molecular_function unknown 1 1.408374238
1.334413854 1.280448119 1.386688425 1 1.27052699 1.170162678
1.295260108 1.405690673 1 1.50089714 1.664234563 1.055987993 1
1.095143947 0.5820835 1
0.899683963 1.180628914 1.179298931 1.272009769 0.968336097
1.208506783 1.097928446 0.767602152 1.070567339 1 0.921903119
0.810144645 0.90250059 0.823741819 1.405376537
YOL014W YOL014W::YOL014W::molecular_function unknown 1 1.452921178
1.4080068 1.224170445 1 1.168058791 1.183511661 1.337699798
1 1.175499743 1.202032594 1.286084641 1.409831576
1 1.119441249 1.090218682
1.217895561 1.136032262 1.151232811 1 1.085926805 1.01083555
1.006172915 0.993282496 1.075804805 1 0.90093752 1.063195667
0.985046269 1.20081037 0.985308447 1.251266714
YOL018C YOL018C::TLG2::member of the syntaxin family of t-SNAREs 1
0.989432584 1.49714952 1 0.934106271 1.087575231
1.551582048 1.404123821 1 1.077843232 0.670163468 0.99961431 1
0.426437429 0.740074954 0.942776311 1 1.306984355
2.732258166 1 1.050069583 1.441459094 0.952671888 0.770819268
1.19365818 1 1.384390636 1.546682875 1.862117666 1.187565007
1.529240695 1 1.51598344 1.609021868 1.272090863 1.117352517
1.470850294 0.790688469
YOL020W "YOL020W::TAT2::Tryptophan permease, high affinity" 1
0.873299714 0.655989872 0.860967066 0.517878846 1 0.974953469
0.890941542 0.596214815 0.635220204 1 0.896047938 0.757792539
0.722732275 0.636812176 1 0.531810001 0.12000894 0.395392394
0.342380249 1 0.838998039 0.934264462 0.684953645 1.003737375 1
0.871331836 0.795519928 1.142494036 1.119085363 0.828765535 1
0.639203137 0.655047375 0.882269799 0.787191442 0.533555731 1
0.623594626 0.594398312 0.776759598 0.531819089 0.644812537 0.644459265
YOL129W YOL129W::VPS68 1 1.881760181 1.825492357 1.407406585
2.09710071 1 1.508501422 1.430548082 2.24940809 1.889073738 1
1.497759751 1.932473081 3.071585375 1.569291087 1 1.730175433
1.334792763 1.982984879 1.682576924 1 2.003646233 2.543445122
2.554008787 1.663168797 1 1.361777932 1.531555636 1.526697225
1.280639054 1.015026565 1 1.277426142 2.016811914 1.709506694
1.041437223 1.498397864 1 1.051603079 1.559214567 0.975323647
1.544233663 1.203002495 1.482431396
YBR251W YBR251W::MRPS5::Probable mitochondrial ribosomal protein S5 1
1.034920128 1.252612292 1.58327036 1 1.138937468 1.207605642
1.441221114 1.404150223 1 1.014925256 1.0514239 1.298452615
1.305619627 1 0.892879444 0.678440762 0.821520681 1.46449149 1
1.460300758 1.368453547 1.649459545 0.938679824 1 1.144219701
1.167083308 0.883748577 0.790782438 1.045725191 1 1.197436774
1.33972531 1.184630137 0.891323485 1.534057981 1 1.357277805
1.239012388 1.006484067 1.173880674 1.659921546 1.429894006
YOL131W YOL131W::YOL131W::molecular_function unknown
1.054446696 0.894578924

1	1.099650689	1.763521397	1.97455648	0.245639232
	0.858792199			1
	0.955832909	1	0.633803225	0.176471135
YBR253W	YBR253W::SRB6::involved in transcription as part of Srb/Mediator complex			
	1	0.966514642	1.619361071	1.077972734 1.390536453 1
	1.014489256	0.956277257	1.974876166	1.70782075 1 1.055284755
	1.525453841	2.222222265	1.541514392 1	1.20615271 0.821157713
	0.893345712	1.583570829 1	1.954267123	2.808851739 2.750076536
	1.358724273 1	1.010447632	1.112407244	0.87085609 0.817545584
	0.98166884 1	0.890078249	0.711508878	1.062685981 1.278431744
	1.36148454 1	1.139172522	1.185072265	1.403754282 1.044431824
	2.048084524			
YOL133W	YOL133W::HRT1::High level expression Reduces Ty3 Transposition 1			
	1.498747847	1.735686097	1.571161097	1.843130884 1 1.310903853
	1.367272887	1.925757022	1.664111661 1	1.270049281 1.858267736
	2.14166279	1.419509861 1	1.194631334	1.377194884 1.116867548
	1.477819861 1	1.258747589	1.14719914	1.36359604 1.208107735 1
	1.50563979	1.61596409	1.896239197	1.343469724 1.527558648 1
	1.057574655	1.864074386	1.248228004	1.221736381 1.05351382 1
	1.496039582	1.419699348	1.404874471	1.42937243 1.312351009 0.981574549
YBR267W	YBR267W::YBR267W::molecular_function unknown 1 1.147859393			
	1.231410792	1.449906483 1	1.069366599	1.005121936 1.295260008
	1.715155956 1	0.704494973	0.703580922	0.758706573 1.499106818 1
	0.29493561	0.355681364	0.690975896 1	0.414563606 0.449945062
	0.364403282	0.381663948 1	0.480497757	0.536406436 0.802575925
	0.804483993 1	0.51126239	0.840534671	0.935837175 1.330166051 1
	0.539900564	0.823605152	1.028050117	0.579388179 0.890509573
YOL135C	YOL135C::MED7::Member of RNA Polymerase II transcriptional regulation mediator 1 0.889329869 1.197111094 0.852772259 1			
	0.963994282	1.072356575	1.097663849	0.983002185 1 1.178208194
	1.181036621	1.285979573	0.924242098 1	1.143353001 0.998467798
	1.034125691	1.064752016 1	1.53709873	1.818902875 1.311053256
	1.299742092 1	1.328947409	1.066710304	1.009996505 1.095719181
	1.052478743 1	1.191288582	1.475760988	1.049911955 1.519949537
	1.137038972 1	0.886688996	0.935224408	0.767411744 1.004731313
	0.654466745	1.804661159		
YBR269C	YBR269C::YBR269C::molecular_function unknown 1 1.702459449			
	2.436495081	1.408857168	2.497522011 1	1.608582228 1.742503963
	2.093720631	1.898644798 1	1.799844687	2.456509648 4.910382946
	1.750540219 1	1.818137846	1.492669588	1.997770539 2.567684187 1
	2.283182188	3.448431722	4.07046884	1.87672664 1 1.442988904
	1.798611966	1.603007058	1.109195679	1.138027676 1 1.160516589
	1.803893611	1.924491698	1.285710866	1.325951828 1 1.425016362
	1.492023919	1.150548877	1.456831278	1.75562622
YBR271W	YBR271W::YBR271W::molecular_function unknown 1 1.115405784			
	0.964386117	1.16864984	1.143176408 1	0.984810109 0.987665701
	1.520651083	1.412339464 1	0.659597948	0.571602706 0.628902652
	1.259919581 1	0.422771117	0.33699229	0.821886929 1
	0.492319475	0.476851072	0.498042492	0.566331051 1 0.713609822
	0.497425801	0.632532171	0.852246632	0.918518327 1 0.681660022
	0.663850375	0.902251911	1.178919409 1	0.597687287 0.582741353
	0.862969213	0.948926897	0.665218616	1.005216354
YBR273C	YBR273C::YBR273C::molecular_function unknown 1 1.160214915			
	1.50197216	1.613384844	1.548787059 1	1.442991864 1.425383642
	1.312628076	1.472970532 1	1.280097288	1.754959905 1.468741411
	1.551780074 1	1.428608355	1.301928978	1.155907585 1

1.930955312 1.87863696 1.08305669 1.212391248
1.00758619 1.141136798 1.238932476 1.443085663 0.986521174
1.11014165 0.964489187 1.057609658 1.073514981
YBR275C "YBR275C::RIF1::RAP1-interacting factor, involved in establishment
of repressed chromatin" 1 2.151706985 2.329455096 2.307211433 2.414824026 1
2.186305633 2.003120457 2.030461143 1 1.650384843
1.667715418 2.149478695 1 0.664670725 1.006800795 1
0.851380697 0.745620563 1.203744992 1
1.020975432 1.654194259 1.254448673 0.774656265
1.08544134 2.003936926 0.842323188 2.84840489
YBR275C "YBR275C::RIF1::RAP1-interacting factor, involved in establishment
of repressed chromatin"
1 1.042835512 1.045664689 0.964427213 1
0.931643351 1.030283815 0.960050927 1 1.109768359
1.487143373 1.39971844 1.387282985 1.170709299
YBR277C YBR277C::YBR277C::molecular_function unknown 1 1.392295464
1.600029792 2.430296235 1.435101085 1 1.766645897 1.52276531
2.536691225 1.97572717 1 1.153078502 1.795833585 1.564679516
2.083093395 1 1.35146718 0.99471877 0.765903677 1
1.214526965 1.038948986 1.017282348 1 0.973817414
0.970226544 1.030083647 1.070164074 1.044411944 1.157391696
1.487820675 0.830617763 0.758413101 1.23407405
0.853733421
YBR291C YBR291C::CTP1::citrate transport protein 1 1.69105049
1.616728797 1.615230486 1.802557998 1 1.6154288 1.524150895
1.664155778 1 1.353393497 1.542990687 1.480175526 1.703321514 1
1.463191174 2.615178978 2.887055528 0.495935141 0.82971848
0.94015662 1.271946733 1 0.888970625 0.699946885 1.097439628
1.210193855 0.968336097 1.045425367 1.06067341 1.047485954
3.246154062 1 0.685438137 0.685481544 1.237879354 1.248060859
1.303804103
YBR293W YBR293W::YBR293W::not yet annotated 1 1.607975023 1.164105883
1.356448739 1.312211619 1 1.430237117 1.398003949 1.307607061 1
1.665582987 1.428984305 1.127894254 1.017601248 0.970736772
0.605287937 0.812309025 0.650516413 1 1.097763532 1.034438491
0.206820362 1.060473646 1 1.266215746 1.046059919 1.062313814
0.903673219 1 1.09866528 1.158453135 0.787452651 0.922713462 1
1.430441748 1.210109028 0.956443492 0.827611923 1.081395653
YIL003W YIL003W::DRE3::Protein required for cell viability 1
1.064721132 0.951973473 0.95134439 1.103121187 1 0.94357122
0.881095963 1.169417293 1.3420342 1 1.181381981 1.07844583
0.983801594 1.212972165 1 1.195602918 0.742506892 1.032088025
1.106027306 1 1.402424935 1.219679359 0.82304312 0.905958769 1
1.45501847 1.06820144 1 1.198509419 1.66823641
1.275045081 1.343089585 1.655087764 1 1.082084791 1.401549608
1.128317938 1.347910116 0.769687429 1.167206744
YIL017W YIL017W 1.045362635 1.021519763 0.841913354
1.239785531 1.474028652 1.025534505 0.836342565 1.48051615
1.504073627 1.034180899 1.208072394 1 1.618883132 2.162959677
1.754951836 0.954871268 1.026795328 1.104800345 0.800829278
0.883839967 1 1.146755948 1.492138332 1.501739236 1.321141726
1.380074408 1 1.258242688 1.156590858 1.206960979 1.071591905
0.804439434 1 1.243746553 0.973005405 1.069616939 0.837659868
1.219855089 0.652339884
YIL019W YIL019W::YIL019W::molecular_function unknown 1 0.552134891
0.563011844 0.633174138 0.71011425 1 0.49083587 0.512601462

0.754202057	0.840343811	1	0.456090537	0.340301125	0.838771125	1	
0.369393785	0.39739131	0.568897531	1	1.069350866	1.808916625		
0.970853137	1	0.722619786	0.579419393	0.567488945	0.797079277		
0.812478731	1	0.73334982	0.58222579	1.224779993	1.727698436	1	
0.458352507	0.523733257	0.840432351	0.840867283	0.417081089	0.859862762		
YIL021W	YIL021W::RPB3::45 kDa subunit of RNA polymerase II					1	
1.030421504	1.088330363	1.00627071	1.35240528	1	0.978848483		
0.991948521	1.30245727	1.346925343	1	0.845440692	0.899623028		
0.984075254	1.120851909	1	0.786230372	0.724725678	0.586439779		
0.981472661	1	1.218045837	1.113130583	1.152997931	1.292484416	1	
1.121716095	1.2841758	1.03321493	0.909677499	0.890350433	1		
0.922253635	1.094275304	0.876247009	0.737172399	1.167067825	1		
1.035073875	0.924579518	1.149171715	0.916184194	1.111166903			
YIL023C	YIL023C::YIL023C::molecular_function unknown					1	1.014520714
0.933029407	0.873584792	0.412425822	1	1.036094121	0.99790086		
0.843974961	0.725779107	1	1.243130836	1.087332756	1.086143333		
0.730684648	1	0.805204687	0.851916612	1.102380873	0.974161174	1	
1.090198099	1.256944486	0.9516285	0.863858426	1	1.048548953		
1.015131598	1.219164196	1.345559152	1.096246552	1	0.736708739		
0.508543599	0.640202411	0.683798547	0.46761287	1	0.481155655		
0.870061383	0.417367313	0.790384473	0.822210945				
YIL025C	YIL025C::YIL025C::molecular_function unknown						
1.146789691	0.916879712	1.138540935			1.089133595		
1.407533582	0.840325536		1.362547966	1.099404672	1		
0.900180311	2.104741751	1.723014713	1.143016497	1	0.926386073		
2.747982654	2.377130646	1.005027637				1	
	0.819784235		1	0.983649013			
1.196102433							
YIL027C	YIL027C::KRE27::Killer toxin REsistant					1	1.187979553
1.492297688	0.940332698	1.826203224	1	1.120011029	0.942185866		
1.726113071	1.335641336	1	1.236965577	1.35691225	1.479462332		
1.225976206	0.625441144	0.434281762	0.399161117	0.441470992	1		
1.541817937	2.184174259	1.408029335	0.997710758	1	1.003157211		
1.01236476	0.609255014	0.679953982	0.945651947	1	1.270478973		
2.427654231	1.302391792	1.317884242	1.879707561	1	1.108116022		
1.555039471	1.163276809	1.644167293	1.187920222	1.422889			
YIL041W	YIL041W::YIL041W::molecular_function unknown					1	0.923004299
0.906861345	0.739468505	0.886782451	1	0.888063577	0.981895988		
0.969617178	0.985606861	1	0.896607948	0.879095146	1.087295276		
0.873502688	1	1.141616818	1.086151042	1.097809394	1.038373734	1	
1.205805386	1.071687861	1.299070068	1.295460496	1	1.120359986		
0.963616509	1.05144068	1.009877311	0.722904326	1	1.019705205		
1.18947361	0.80448299	0.790850234	1.105444018	1	1.063325725		
1.117849892	0.953339513	1.033924321	1.049279701	1.236381036			
YIL043C	YIL043C::CBR1::cytochrome b reductase					1	1.100673849
1.004522105	0.873087571	1.170343088	1	0.974066139	0.942829134		
1.094525712	1.162304291	1	0.992040482	0.935263319	1.064743231		
1.191454671	1	1.100372454	0.87176903	0.777503393	1.148382085	1	
1.98124252	1.093071671	1.295057444	1.440359627	1	1.257898346		
1.185455529	1.375668328	1.366282638	1.128372032	1	0.96767332		
1.253563177	1.200940836	1.042432207	1.152005866	1	0.945061933		
1.023943481	0.934398983	0.945968091	0.741373819	1.459665256			
YIL045W	YIL045W::PIG2::Interacts with Gsy2p					1	1.009816346
0.805436015	0.962491807	1	1.042004887	0.870427867	0.970135836		
0.830070759	1	1.256817512	1.163240947	1.540331127	0.906405247	1	
2.21189515	1.766291953	2.033287417	1.87369865	1	1.812501198		
7.808022894	1.612094072	1.196606074	1	0.906001295	1.045038228		

0.888850936 0.838932865 1.041880889 1 1.104509375 0.956450216
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 0.988471082 0.658216209 0.989376813 1.084022543
 YOL137W YOL137W::YOL137W::not yet annotated 1 1.074475773 0.939023711
 1.01059187 0.784553722 1 1.047910283 1.016202405 0.949765646
 0.836297665 1 0.975865331 0.849546737 0.705495377 0.914459677 1
 0.77700979 0.530152822 0.595586519 0.868091283 1 1.122795872
 1.355909261 1.273989506 0.814507961 1 0.855814682 0.912998282
 1.138073193 1.113009431 1.031533932 1 0.958087224 0.714906984
 0.80481385 0.942081004 0.707103387 1 0.970227958 0.841268563
 1.060542082 1.13168035 0.78684934 1.405376537
 YOL139C YOL139C::CDC33::Required for START A of cell cycle and sporulation
 1 1.317551997 1.253019585 1.279424134 1.787166191 1 1.22403947
 1.062177468 1.503350955 1.453480793 1 0.970472921 1.034476207
 0.995212815 1.297705467 1 0.734705125 1.006501695 0.629795275
 1.025722042 1 0.811738745 0.484721826 0.685837355 0.680518205 1
 1.129135087 1.221304381 1.124673863 1.183934265 1.441827012 1
 0.948916993 1.19405615 0.697626496 0.651996512 1.082596476 1
 1.080924348 1.082248049 0.928786942 1.761855929 1.152350841 1.323067897
 YOL153C YOL153C::YOL153C::molecular_function unknown 1 0.956751455
 0.991839978 1.062681195 0.923336433 1 1.245622902 1.461003261
 0.92564153 0.955093432 1 1.531502287 1.911175156 1.595357155
 1.118330783 1 5.152366863 3.261897821 5.016721138 1.974114132 1
 3.739233344 3.876969332 2.445762351 1.798933866 1 1.025271635
 0.852330178 1.023787957 1.034074168 1.128509323 1 0.942842677
 1.224122288 0.994399437 1.126689813 1.185566079 1 0.819589949
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 1.233153168 0.797097591 1.22769462 0.79331536
 YOL157C YOL157C::YOL157C::not yet annotated 1 1.344728174 1.243739802
 1.41013392 1.32220355 1 1.456393968 1.202698237 1.347321472
 1.395412057 1 1.191716266 1.473626315 1.226440748 1.268006629 1
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 0.617476283 0.83103938 0.562122698 0.693824472 0.792000446 1
 0.759976328 0.832390908 0.969635724 1.037188091 0.847084779 0.961435195
 YOL159C YOL159C::YOL159C::molecular_function unknown 1 1.390143199
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 1.22653058 1 1.716892378 1.718621272 1.80648464 2.487752569 1
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 1.247217534 0.891935629 0.907712836 1.13313965 1 1.171660589

	2.358312463	1.588643077	1.518080209	2.213676854	1	1.256764477	
	1.581752487	1.187050936	1.742417941	1.172487516	7.478704905		
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	1.969091181	1.419699081	2.084513135	1	1.565894004	1.414094751	
	2.102892783	1.94204586	1	1.666267381	1.730850237	2.681749219	
	1.619390882	1	0.952166794	0.394071014	0.731457667	1	
	1.641156588	2.111948361	2.00354771	1.49326464	1	1.129490318	
	1.346310854	1.11519888	1.077236539	0.871560492		0.703157675	
	1.307085925	1.019035418	0.960657325	1.532480772	1	1.090594358	
	1.418972712	1.296081427	1.373837751	1.008815677	3.069937781		
YBR295W	YBR295W::PCA1::Putative P-type Cu(2+)-transporting ATPase					1	
	1.286709219	0.918547836	2.178513619	0.697583779	1	1.672670161	
	1.604257014	1.290746904	1.424782592	1	1.652488739	1.961342028	
	1.055583297	1.535249228	1	0.500241131	1.861743713	1.261697018	
	0.439407059	1	0.514671306	0.185661541	0.265109953	1	
	1.235323424	1.315025313	1.276385123	1.865382109	1.168295595	1	
	1.247669152	0.717315024	0.963631528	1.060440197	0.428398091	1	
	1.036415145	0.733079993	0.861067867	0.496743946	0.799190764	0.402787047	
YOL163W	YOL163W::YOL163W::molecular_function unknown					1	1.8498344
	1		2.138046383	1.674909471	1	1.698825624	
	2.058174661	2.419216027	1.850506734	1	0.898133967	2.371208996	
	1.447025122	0.266594245	0.339938565	0.365885667			
	0.749808483			1			1
	0.648069165						
YBR297W	"YBR297W::MAL33::Part of complex locus MAL3; nonfunctional in S288C, shows homology to both functional & nonfunctional MAL-activator proteins in other Sc strains & to other nonfunctional MAL-activator sequences from S288C (i.e. MAL33, YPR196W, & YFL052W)"						
	1.637281425	1	1.679225146	1.54196179	1.414638969	1.458923134	1
	1.165010963	1.309762778	1.372009892	1.339621252	1	0.754496697	
	0.65781066	0.681055832	1	0.934797941	1.177956113	1.060425698	
	1.15924493	1	0.735099711		0.802141328	0.823491159	1
	0.725943228	0.771555005		1.355011769	1.824592282	1	
	1.024139018	1.359650308	1.258941932	2.052387128	1.036738829		
YOR011W	YOR011W::AUS1::ABC(ATP-binding cassette) protein involved in Uptake of Sterols						
	1	1.727714801	1.544951306		1	1.773139753	
	1.654320208	1.128837123	1	1.711760283	1.47537276	1.740730711	
	1.080727487	1	1.63012814	0.87078333		1	1.42144858
	2.032432987	1.462406586	0.994028187	1	1.135687219	0.997368654	
	0.926845468	1.041355978	1.005988815	1	0.792689383	0.783243491	
	0.635240126	0.903792229	1.159027024	1	1.133829502	1.026204864	
	0.750033173	1.383821674	1.727671758	1.770511793			
YBR299W	YBR299W::MAL32::Part of the complex locus MAL3; functional in S288C; highly homologous to MAL62 from S. carlsbergensis strain CB11						
	1.568693965	1		1.473717133		1	
		0.751087795					
		1.173161587	0.888934107	1	0.808958381	0.670088765	
	0.608096509	0.506875426		1.123776989		1.034081101	
	0.774051619						
YOR013W	YOR013W::YOR013W::molecular_function unknown					1	1.760210384
	1.352861357	1.548244779	1.959002841	1	1.402658	1.360965119	
	1.604795407	1.443117986	1	1.443437073	1.4121484	1.571001322	
	1.311588252	1	1.284428057	3.170686496	3.101634848	1.811856908	
	0.558800148	0.547927321	0.495520689	0.502255921	1	1.126145328	
	1.161384332	1.110534428	1.525026768	1.207404325	1	0.897006939	
	0.602496724	0.626873155	0.853251373	0.623327405	1	0.599396026	
	0.402867625	0.650730335	0.539778456	0.736187841	0.691742979		

YBR301W YBR301W::DAN3::delayed anaerobic gene 1 1.568978856
1.6906979 1.302348342 1.919693441 1 1.365982418 1.313698469
1.600840107 1.682229704 1 1.429397318 1.596037271 2.236631204
1.557229957 1 0.783399474 0.491076411 0.893160115 1
0.941747005 1.563515615 1.36449518 0.993151154 1 1.054471351
1.258458188 1.098985548 1.10218582 1.053980392 1 0.773231698
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1.663392428 1.218222242 1.513052748 1.300291907 1.47542639
YCL013W YCL013W 1 1.269027558 1.386987101 1.583429326 1.520154375 1
1.4249189 1.264171255 1.309447294 1.265148247 1 1.257418135
1.21447664 0.747548721 1.060085578 0.911292385
1.017721273 1 0.475397958 1 1.090966913
0.816934304 1.024726133 1.352691468 0.748156113 1 0.872228763
0.581676878 0.765126715 0.777704732 0.519090628 1 0.845090451
0.744741436 1.027972217 0.821309652 0.624319912
YCL016C YCL016C::DCC1::Defective in sister Chromatid Cohesion
0.513397664 1
1.128389508 1.012463258 1.086741784 1 1.005982472
1.066322653 1.13270613 1.080366682 0.885158986 0.89306598
1.13757584 0.713709869 1.101137532 1.173336189
YCL018w YCL018w::LEU2::leucine biosynthesis 1 1.498664283 1.322954958
1.377715017 1.00812575 1 1.504492963 1.667830469 1.076459394
1.223925172 1 1.917428561 2.083310004 1.63952535 1.127010811 1
1.248848304 1.753263946 1.582997296 1 1.405885799
1 1.321220145 1.778622185 4.425133312 1.17136565 0.921709703 1
0.707899977 0.898772483 1.034349455
1.177714305
YCL020W YCL020W 1 1.205880298 1.172082486 1.726210041 1.346496377 1
1.48748269 1.318382998 1.170910418 1.286901506 1 1.719971413
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0.816308579 1.200524349 1 0.532775721 0.615424458 0.343277884
0.598316477 1 0.864667687 1.127731421 1.00060418 0.945645048
0.798970967 1 1.376539138 1.569145676 2.732561892 3.595283344
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1.081392384 1.377356512
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0.841842026 1.07947637 1.246353586 1.119668744 1.150569945
YCL024W YCL024W::KCC4::involved in septin organization 1 0.9103376
1.07171906 1.509827322 0.82141665 1 1.436383499 1.590157884
0.975052161 0.924580881 1 1.050296307 1.377308778 1.103732787
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1.391884322 1.262873395 1 0.912278997 1.146077832
1.031660981 1.0706736 1.034630768 0.730215629 1.28949779
0.909790851 1 0.849695774 0.863611611 0.743253609 1.123145411
0.614688067
YIL047C YIL047C::SYG1::Protein for which truncation and overexpression can
suppress lethality of G-alpha protein deficiency 1 1.087605274
0.652353272 1.111506022 1 0.92234696 0.871728579 1
0.854800929 0.872835764 0.564370179 1.021167617
1 0.982040605 0.788579658 1.154167232
1.406066001 0.772802472 1 0.649367048 0.554755543 0.559539723

1

0.735705093 0.525833488 1 0.804391652 0.697791829 0.824568934
 0.724046969 0.566631613 0.645334878
 YIL049W "YIL049W::DFG10::Protein required for filamentous growth, cell
 polarity, and cellular elongation" 1 0.863421879 0.844260817 0.632914809
 0.724302581 1 0.688917312 0.666602912 0.823809025 0.663601642 1
 0.904540245 0.856421879 1.178812648 0.587598862 1 1.044037214
 1.351100633 1.626086677 1.269443368 1 1.018933076 1.853085818
 2.187070464 1.728110325 1 1.374572071 1.401086193 1.222421861
 1.110041539 1.015766918 1 0.875853132 1.123620433 1.003131064
 0.975556794 1.574432443 1 0.990888761 1.014200287 1.10255444
 1.254963035 1.209278332 1.202231775
 YIL051C YIL051C::MMF1::Maintenance of Mitochondrial Function 1
 1.182737635 1.346808898 0.804099647 1.456054317 1 0.905068236
 1.201138245 1.395904315 1.37253641 1 1.105170486 1.316444907
 2.315889282 0.975778617 1 1.062727994 1.501542305 1.505533926 1
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 1.130705492 1.163268202 0.911364928 0.674264244 1 1.299144525
 2.474141347 1.684832028 0.912353639 1.551447434 1 0.783302424
 1.31555972 1.071136197 1.074216055 0.758860352 1.384361518
 YIL065C YIL065C::FIS1::Involved in mitochondrial division 1
 1.18929324 1.368452359 1.149300392 1.292425504 1 1.163018054
 1.43329422 1.410417342 1 1.115788766 1.292371196 1.846552866
 1.351799132 0.830599448
 1 0.911716014 1.337436703 1.690720251 0.988175712 1.043365159 1
 1.274539312 2.24586768 2.052814437 1.820697836 1.359926937 1
 1.033387022 1.221305969 1.19357866 1.143353498 1.198036469 0.956181415
 YIL067C YIL067C::YIL067C::molecular_function_unknown 1 0.725474001
 0.635675982 0.779817521 0.505559145 1 0.786152567 0.768119115
 0.647350536 0.68220132 1 1.062103573 0.777167426 0.569451631
 0.731712692 1 0.65496067 0.670096742 0.810045489 1
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 1.084103778 1.346831256 0.998872639 0.74128711 1 1.08889793
 1.209499144 0.987999326 0.7536817 0.77765984 0.835345293
 YIL069C YIL069C::RPS24B::Homology to rat S24 1 1.049504176
 1.113273752 0.716146353 1.126726412 1 0.832580818 0.908716043
 1.100013952 1.434387547 1 0.752439151 0.726341109 0.671907038
 0.790138896 1 1.075195903 0.421889341 0.266340985 0.624905949 1
 1.440112362 0.837841053 0.523710332 0.835436096 1 0.944934859
 0.99011707 0.770606575 1.083659751 1.006310948 1 0.914151001
 1.114409534 0.706614293 0.619681563 1.232987244 1 1.300138318
 1.347242151 0.969788476 1.784100492 1.213023742 1.090151884
 YIL073C "YIL073C::SPO22::sporulation-defective; SPO22 contains phospholipase
 A2 signature sequence (positions 135-143, found by Emotif search). The gene is
 specifically induced early in meiosis (Primig et al. (2000) Nat Genet 26:415-
 423)" 1 1.648982026 1.12224529 1.119491258 1.055866336 1 1.250336404
 1.002161863 1.292413384 1.22986851 1 1.227805002 1.210490242
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 1 1.115270269 1.049510277 0.947479919 1.099359915 1.109452161 1
 0.867953699 1.078342664 0.64543585 0.853316601 0.997513625 1
 1.102482351 0.936553414 0.932788154 1.054841413 0.986980131 1.707466842
 YIL075C YIL075C::RPN2::involved in tRNA processing and degradation of
 ubiquitinated proteins 1 0.749962205 0.750166406 1.114700959 0.65804753 1
 1.02263772 1.153213008 0.770245007 0.693176147 1 1.008190706
 1.066026049 0.812035118 0.802191932 1 1.326754547 1.40056275
 1.615507848 0.844357016 1 1.003699432 0.761696195 0.725933248
 0.882908621 1 0.993520697 1.197293873 1.263955216 0.954135133

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	0.772409048	1.04199261					
YIL090W	YIL090W::YIL090W::molecular_function	unknown	1	1.477504383			
	0.863727659	1.358195167	0.765544191	1	1.306719253	1.297546414	
	0.846317528	0.933651185	1	1.302402063	0.779385682	0.552641236	
	0.953827978	2.103418151		1.610631259		0.759036896	
		1	0.791310164	0.515358239	0.904452976	1.172557373	
	0.859832982	1	0.614270418	0.410643894	0.503310129	0.477636843	
	0.295444627	1	0.598994378	0.414304365	0.702380596	0.530383097	
	0.736399802						
YOR015W	YOR015W::YOR015W::molecular_function	unknown	1	1.470512558			
	1.760889879	1.09498651	1.905851238	1	1.262317031	1.052986992	
	1.982401601	1.570985465	1	1.280084491	1.314620853	2.13728989	
	1.223979335	1	1.435382857	1.296132127	1.324708651	1.501308312	1
	1.353588169	2.50480569	1.768026515	1.251122997	1	0.839991482	
	0.77051184	0.52371463	0.68698986	0.749776655	1	1.044866893	
	1.20021653	0.85342482	0.727913236	1.470255977	1	0.946398196	
	1.449301849	1.097184869	2.00541371	1.295874826	1.215366122		
YOR017W	YOR017W::PET127::May be component of mitochondrial translation system with role in promoting accuracy of translational initiation or may play a role in RNA surveillance or RNA processing in mitochondria		1	0.686262986			
	0.909572076	1.120754068	0.724310497	1	0.935959962	1.132423169	
	0.721413987	1	0.806538732	0.764226029	0.571985165	0.890454922	1
	0.80304422	0.44262848	0.686494442	0.713343454	1	1.425322079	
	1.569249401	1.166715759	1.093887533	1	1.05507557	0.918966009	
	1.188325308	1.190103535	1.182525485	1	0.900679633	0.525185389	
	0.556509798	0.704501158	0.598803225	1	0.78240746	0.726168445	
	0.896238248	0.89896307	0.731070637	1.20660989			
YOR019W	YOR019W::YOR019W::molecular_function	unknown	1	1.67020426			
	1.62913543	1.73209302	1.809805012	1	1.486854562	1.473649141	
	1.779846521	1.637868503	1	1.268231992	1.694202823	1.844823958	
	1.524586325	1	1.492513981	2.129755043	1.222131515	1	
	0.630511925	0.714882049		1	1.266728019	1.218859301	
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	1.008869225	0.823073931	1.113011123	1	0.76737316	1.013199885	
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YOR021C	YOR021C::YOR021C::molecular_function	unknown	1	1.119326894			
	1.075176986	0.914351339	1.461766964	1	0.937341779	0.779208596	
	1.224200223	1.203996988	1	0.777190224	0.802031757	0.614302561	
	1.086470556	1	0.589959097	0.341510467	0.199997556	0.745648704	1
	0.959481493	0.343107264	0.481852808	0.801410871	1	1.182491461	
	1.05726432	1.04334445	1.094794114	1.220066002	1	1.040663535	
	1.275986389	0.781001342	0.88616103	1.737445703	1	0.905563054	
	1.068600148	0.814666151	1.662621898	0.748900258	1.088400659		
YOR035C	YOR035C::SHE4::Required for mother cell-specific HO expression		1				1
	1.231192046	1.094874634	2.032700847	1.132292444	1	1.443758129	
	1.468771995	1.534254183	1.250447681	1	1.299996856	1.618055685	
	0.990023381	1.372818891	1	1.319760656	1.873289157	2.328833512	1
			1	1.068598742	1.243879693	1.374729281	
	1.5026069	1.432195145	1	1.174917407	0.552827238	0.86557637	
	1.13700905	0.474342625	1	0.804133305	0.578651713	0.796710727	
	0.412064813	1.084313559	0.850230918				
YOR035C	YOR035C::SHE4::Required for mother cell-specific HO expression		1				1
	0.756884429	0.771508899	0.950468653	0.649952524	1	0.9652758	
	1.037844571	0.912745027	0.56725519	1	1.066963553	1.126894052	
	0.48583055	0.918748648	1	1.097888751	0.939272168	1.160750183	

	0.733426803	1	1.603195438	1.353365452		1	1.19711255
	1.207630678	1.361870655	1.509850254	1.302406453	1	1.27355187	
	0.952217846	1.044655071	1.174561326	0.763543243	1	0.783345408	
	0.749661594	0.751885871	0.687322833	0.682468753	0.896639019		
YOR037W	YOR037W::CYC2::Involved in import of cytochrome c into mitochondria						
	1	1.047091769	1.250033193	1.154735131	1.202935643	1	1.1505608
	1.191932154		1.364669114	1	0.922897707	1.270641119	1.225775289
	1.33499241	1	1.487121731		1.108024616	1.193806193	
	0.840900659		1	1.135425954	1.217627106	1.323008369	
	0.993275105	1.291604806	1	1.171824308		0.995470959	0.958504472
	0.93583969	1	1.131297216	1.090254993	0.916425974	1.085735556	
	0.988598479	1.115545019					
YOR039W	"YOR039W::CKB2::Casein kinase II, beta' subunit" 1						
	1.133091057	1.066986232	1.077916349	1.20493506	1	1.00818025	
	1.026811357	1.079843666	1.138921589	1	0.958703068	1.00863816	
	0.730717183	1.136600374	1	1.189270362	0.919253048	0.796374785	
	1.170144081	1	1.758606274	0.807194715	1.121633721	1.571857578	1
	0.901211665	1.132993678	1.162210175	1.134857793	1.123227794	1	
	0.886618359	1.164513944	0.590965169	0.652156133	0.74238497	1	
	1.292314005	1.07647433	0.921887268	1.32141043	1.00026093	0.918529598	
YCL038C	YCL038C::AUT4::Autophagy gene essential for breakdown of autophagic vesicles in the vacuole 1						
	1.501573099	1.545138941	1.156114421		1	1.541828981	1.441435898
	1.360551232	1.306759714	1	1.688298033	1.486914137	1.583045921	
	0.76028084	1	0.637566563		1	1.087993671	
	1.3315955	1.697647515	1.667459175	0.919086802	1	0.901115584	
	1.041565524	1.972225622	1.399078916	1.073708962	1	1.157740461	
	1.096090812	0.96784027		0.957774546	0.899265805		
YOR041C	YOR041C::molecular_function unknown 1 0.748688267						
	1.174518635	0.824406073	0.740472858	1	1.093253936		
	0.767365648	1	1.360612252	0.997406253	0.919665673	1	
	1.177192808	1.152571549	1.335111196	1.439490298	1	1.60127944	
	1.375340612	2.107243448	2.379010304		0.737254638	0.859654548	
	1.222494499	0.800852406	1.038206157	1	1.010916738	0.850819824	
	1.372865611	1.536500754	0.707917894	1	0.775801312	0.584832481	
	0.967173365	0.556666242	0.831932574	0.872121497			
YCL040w	YCL040w::GLK1::Glucose phosphorylation 1 1.048792614						
	1.228001295	1.21217189	0.545354394	1	1.667960256	1.962572652	
	0.836112687	0.821968468	1	1.458895935	2.239534736	2.982051567	
	0.844071973	1	5.112050985	5.645534049	6.792163923	4.739694229	1
	2.812778429	1.649531318	1.932582954	1.909138786	1	1.23015442	
	1.969728674	2.861744759	1.240246984	0.99861695	1	1.450467004	
	1.715546274	3.7381727	2.645159856	1.109285495	1	2.362982511	
	1.955380227	1.867580367	0.859197132	3.288181988	0.916778372		
YOR043W	"YOR043W::WHI2::Protein involved in growth regulation. Whi2 and its binding partner, Psr1-phosphatase, are required for a full activation of the general stress response, possibly through the dephosphorylation of Msn2." 1						
	0.768026774	0.742708693	0.770299249	0.648636504	1	0.815619162	
	0.873916349	0.687805614	0.691275034	1	1.037793449	0.943458018	
	0.782356959	0.852200989	1	1.224453021	1.116732453	1.180370851	
	1.153224456	1	0.833174389	0.752975703	1.012081361	0.977811046	1
	1.183709681	1.024129366	1.40925101	1.27532288	1.267512677	1	
	0.821617888	0.794764951	0.914034645	0.757324333	0.823548106	1	
	0.93611453	0.741908335	1.066894511	1.128481112	0.927001464	1.010470134	
YCL042W	YCL042W::molecular_function unknown 1 1.539602631						
	1.26178042	2.107537818	0.717078627	1	2.429847372	2.712297604	
	1.102870398	1.063410742	1	1.902244974	2.866221664	2.222025378	

1.283886692	2.993182731	4.330515177	5.299913083	1.73425209	
1.250315359		0.981484476	1.680652203	1.718564501	
0.426764921	1	1.707924058	3.077337211	4.739895597	4.254424908
1.453644932		1.029466077	1.448022325	1.46185273	0.445490617
0.784559128					
YOR045W	YOR045W::TOM6::involved in supporting the cooperativity between receptors and the general insertion pore and facilitating the release of preproteins from import components				
	1	1.76703992	2.299789195	1.495773752	
2.637174825	1	1.461665452	1.447133477	2.201622831	1
1.57292902	1.344966862	1.994825873	1.473322223	1	0.792119527
0.500087077	0.45311348	1.533338966	1	1.498266213	1.560963083
1.839734931	1.302889702	1	1.300506175	1.392591787	1.176971251
1.620926515	1.202223298	1	0.918147932	1.60315753	1.188726052
0.776450408	1.26956498	1	0.969972858	1.043850192	0.862442364
1.524296297	1.204891068	1.235505476			
YCL044C	YCL044C::YCL044C::molecular_function unknown				
	1	0.82342227			
0.78220183	0.33592233	0.237060139	1	0.836388509	0.831486807
0.335840581	0.307744835	1	1.097530568	1.024516768	1.08494484
0.34784302	1	0.878468989	1.063968138	2.027372907	1.298094717
0.807366806	0.971491494	0.828000624	0.751201638	1	0.809450121
1.392573187		0.942786673	0.940754067	1	
1	0.691539224	0.900204796	0.633026018	0.764293831	
YCL046W	YCL046W::YCL046W::molecular_function unknown				
	1	1.243107346			
0.981957069	1.494190407	0.890533791	1	1.316974581	1.391787195
0.860677471	0.879454404	1	1.221840124	1.169508536	0.708169969
1.24802712		2.171360377			
1.016470293	1	0.704770661	0.912914838	1.054832604	0.707267438
1.023102166			1	0.990715424	1.226572135
1.213563183	1.557381527	0.672723267	1.61202375		
YCL048W	YCL048W::YCL048W::molecular_function unknown				
	1	1.235219616			
1.437188349	1.073009254	1.271832877	1	1.154097925	1.09063197
1.346187733	1.454115907	1	1.053470205	1.161377562	1.968802471
1.140157408	1	0.949718322	0.900341469	1.07042588	1.010870961
0.935413618	1.465349062	0.831019165	0.766990769		1.089904236
0.893709385	1.09014175		0.889890967	1	1.470519425
1	1.309334929	0.788538705		0.808705771	1.341275847
YCL062W	YCL062W				
	1	1.306840303	1.128041694	1.050681288	1.407195732
1.02777428	1.151536521	1.208028276	1.177863375	1	0.918818472
0.868342226	0.986155067	0.999021972	1	0.621510313	0.887639582
0.908403767	0.570036655	1		1.431626734	0.923328624
0.94835715	0.849958316	0.726239668	1.100122848	0.791650484	1
0.742670923	0.752874654	0.757537794	0.686593982	1.350273943	1
0.782745891	0.84439524	0.884616111	1.18484062	1.28705283	1.01309692
YCL064c	YCL064c::CHA1::catabolism of hydroxy amino acids				
	1				
0.814392225	0.668599034	0.743713856	1.053105351	1	0.83678494
0.836684222	1.171765224	1.464069992	1	0.631667019	0.681904069
1.061662354	1.42599559	1	0.960008967	0.703193077	1.125672949
1.660286077	1	0.774851475	1.010079602	0.79815516	1.154281624
0.985197679	1.334715263	1.585943806	1.139996511	0.840447349	1
0.86732311	1.541487404	1.147856216	0.473266659	0.871283852	1
0.80051641	1.198437278	1.539013034	0.849115517	0.162238026	0.750409762
YCL066w	YCL066w::HMLALPHA1::transcription factor involved in the regulation of alpha-specific genes				
	1	1.345113592	1.342854459	1.013730046	1.259107898
1.025397683	1.159100004	1.128129688	1.123321895	1	1.022439631
1.02684446	1.306864022	0.897491083	1	1.419631016	0.868763277
1.736604159	1.451226939	1	1.3343799	1.928853779	1.776695661
0.971212437	1	0.962698189	0.982169095	0.810640023	0.910552746

	0.814899742	1		0.617981859		0.749151736	1.218697989	1
	0.792143799	1.047646402	0.779502749	1.127584867	1.242510482			
YCL068C	YCL068C::YCL068C::molecular_function	unknown	1		1.219144327			
	1.310482221	1.567768027	1.201731422	1	1.318835932	1.48330166		
	1.167584358	1.097031955	1	1.321703488	1.419523157	1.011799679		
	1.39316199	1		1.068203062	0.739246034			
	1	1.235012512	1.346457317	1.420841606	1.200066845	1.414474338		
	0.840094083	0.862871424	1.004995447	1	0.684812502			
	0.560264139	0.948377061	0.438962223	0.566528741				
YOL034W	YOL034W::SMC5::Structural maintenance of chromosomes (SMC) protein							
	1	1.178448948	1.161780021	1	1.251954874	1.085334385		
	1.644202153	1	1.079063807	0.266912034	1.381768693	1		
	0.630457314	0.78820037	0.745371251	0.918583622	1	0.694335508		
	1.592706037	1.360261429	1	0.769101878	0.840965244	0.828564792		
	0.783893115	1.117383447	1	1.091687014	0.872278816	1.068780945		
	1.232507702	1.017694836	1	1.01322253	0.966152762	1.284495969		
	0.630275227	1.037840832	0.746031646					
YOL036W	YOL036W::YOL036W::molecular_function	unknown	1		0.927451329			
	0.810360696	0.756708254	0.728705009	1	0.747431355	0.702828382		
	0.760054788	0.669288267	1	0.821677931	0.666695431	0.378257805		
	0.713343237	1	0.674630754	0.539906468	0.425935844	0.570618666	1	
	0.944681419	0.686455985	0.508819843	0.84220929	1	1.048179702		
	0.823066521		0.92512717	1	0.777337136	0.65010833		
	0.792660107	0.883146949	0.924221168	1	0.807456997	1.059351849		
	0.644618885	0.895869858	0.625195524					
YOL038W	YOL038W::PRE6::alpha-type of subunit of 20S proteasome						1	
	0.74930364	0.947915185	0.859354157	1.115455642	1	1.236198773		
	0.815720915	1.121251628	1.148208585	1	0.847424494	1.028122491		
	0.838663302	0.996868267	1	0.821717965	0.63172239	1.04146159		
	1.575978494	1	1.383845358	1.592381102	2.373267136	1.790870986	1	
	1.037364493	1.402858317	1.227383926	0.745189945	0.893806463	1		
	0.897061684	1.740332788	1.495302004	0.869545347	1.215272855	1		
	1.217279663	1.898441528	1.314076209	1.141142087	1.597138177			
YOL040C	YOL040C::RPS15::Homology to rat S15 and E. coli S19						1	
	1.164319007	1.410911169	0.669643328	1.321728483	1	0.866079079		
	0.939687096	1.009994522	1	0.98910698	0.882574366	0.809316984		
	0.731165609	1	0.906698654	0.402113296	0.232730312	0.538111082	1	
	1.248986127	0.918866002	0.353222668	0.755244788	1	1.329180521		
	1.138950938	1.024528213	1.188419731	1.118433089	1	0.985306796		
	1.649792136	0.846699385	0.612242112	1.427993546	1	0.867455379		
	1.31406714	0.794005676	1.10566188	0.726932866	1.003465128			
YOL042W	"YOL042W::NGL1::DNase/RNase (putative); CCR4 C-terminal homolog, homology to drosophila Angel gene"							
	1.050433692	1.128398473		1.075474532	1.07060123			
	0.891655425	0.900964418	0.999547796	1	0.54676078	0.508271214		
	0.626427829	0.878661004	1	1.484024567	1.538327414	1.6247815		
	1.075426483	1	0.858822995	1.000020451	0.993077558	1.053426527		
	1.083133519	1	1.000982551	0.964628423	0.890547012	0.841033804		
	0.868290498	1	1.03394441	1.125994156	1.161911619	0.772509859		
	1.202299619	0.758290381						
YOL044W	YOL044W::PEX15::44 kDa phosphorylated integral peroxisomal membrane protein							
	1	0.931872517	1.008410605	1.065058814	0.989645669	1		
	0.900604714		1.365066482	1	1.180978931	1.008642493		
	1.053703612	1.298738009	1	1.101752241	0.545187319	0.894302411		
	1.01689083	1	1.482353323	1.51163716	1.126540443	0.690799385	1	
	1.06833043	1.084098582	1.378706637	1.059788992	1.027287509	1		

	1.200082486	1.228312034	1.430166118	1.27499316	0.901767682	1
	1.30050181	1.138589588	1.113374288		0.985339052	1.025355707
YOL057W	YOL057W::YOL057W::molecular_function unknown				1	0.96981303
	0.91831053	1.20586241	0.614738363	1		0.739277809
	0.713304869	1	0.913951249	0.999930961	0.662373593	1.03552227 1
	0.522956827	0.442017706	0.641045576	0.627268617	1	0.809413938
	0.798089993	0.546300214	0.846076358	1	0.968672834	0.935361711
	1.123887363	0.979300577	1.00803834	1	0.948094205	0.654510545
	0.720498563	0.693193235	0.375064229	1	0.838264013	0.727627708
	0.886635968	0.551370806	0.704244251	0.814330326		
YOL059W	YOL059W::GPD2::Involved in glycerol production via conversion of glycerol-3-phosphate and NAD+ to glycerol phosphate and NADH 1 0.880801891					
	0.681596133	0.565478045	0.377907381	1	0.776642465	0.744208562
	0.429331081	1	1.143488038	0.621546145	0.474521613	0.579208134 1
	2.021190057	0.894562113	1.006747049	0.62646766	1	1.355998077
	0.557678999	0.575486679	0.534297852	1	0.862215871	0.721721779
	0.860968198	1.097003839	0.73044857	1	0.844530367	0.61937163
	1.031597676	1.448632225	0.432218335	1	0.850099869	0.632413013
	0.970366929	0.347055471	0.463924331	0.651464271		
YCL075W	YCL075W		1			1
	1					
		1		0.979920425		1 0.726367221
	0.938248928		1	1.241525609		0.485602322
	0.785434741					
YOL061W	YOL061W::PRS5::Phosphoribosylpyrophosphate synthetase (ribose-phosphate pyrophosphokinase) 1 0.873961389 1.067903526 0.797940511 1					
	1.218829605	1.126450609	1.028666288	0.966855121	1	1.116747148
	0.868427233	0.787737394	0.981652123	1	0.667828611	0.632228888
	0.495211991	0.479370518	1	0.765134335	0.610909959	0.287819732
	0.75198226	1	0.961612527	0.569552522	0.682629992	0.980880308
	0.711233827	1	0.655755938	0.420777159	0.402414858	0.493005129
	0.645739703	1	0.739237248	0.517045456	0.69699678	0.662566708
	0.575233564	0.87299711				
YOL063C	YOL063C::MOR1::MMS1 Related 1 0.865432093 0.745386583					
	1.042444708	0.598694792	1	1.047004906	1.174882465	0.694035229 1
	1.035197135	0.982860405	0.565797231	0.995341084	1	0.113193178
	0.702696358	1.555025126	0.882611656	1	1.532799833	1.132693957
	1.075715805	0.930296255	1	1.183168509	1.066387585	1.300207662
	1.124581987	1.309991653	1	1.387569383	1.39845544	1.690722798
	1.452318419	1	1.115763617	1.025773047	1.083546948	0.86711633
	0.795377881	0.993833232				
YOL063C	YOL063C::MOR1::MMS1 Related 1					1
	1.808152287	1.402347773	1.418884061	1.490175958	1	1.003687662
	1.658665064	2.144477687	1	0.54676078	0.826172036	0.544218422 1
	0.69778735			1	1.119060869	1.131964108 1.396824622
	1.504688661	1.138009526	1	0.960699626	0.696057711	0.926208712
	0.86625653	0.521584626	1	0.966104345	0.788256261	0.943893904
	0.794360511	0.630981648	0.823962171			
YCR001W	YCR001W::YCR001W::molecular_function unknown					1
	1.465815859	1.856688037	1	1.32356295		1
	1.193072437	1.448541587		1.803802644	1	1.172578369 0.771326401
	1.352301569	1.397597419	1	1.26242809	2.44632918	0.472378795 1
	1.138372229	0.813148816	0.859194751	1.026784813	0.921725989	
	0.899382241			0.776082954		0.50869172
YCR003w	YCR003w::MRPL32::Mitochondrial ribosomal protein MRPL32 (YmL32) 1					
	0.9722612	1.411943937		1.692031306	1	1.007611451 1.071664891

1.925013727 1.421807069 1 1.278344548 1.545082942 1.201269469 1
1.527460122 1.394266888 1.58598112 1 1.679904304 2.009797597
1.847127189 0.97112785 1 0.894796176 1.117616353 0.538900682
0.651258046 0.936687565 1 1.192369832 1.444078477 1.183335298
1.32265994 2.325946773 1 1.261811794 1.504440633 1.207673792
1.934705584 2.04305691 1.177714305
YCR005c YCR005c::CIT2::non-mitochondrial citrate synthase 1
1.351571966 1.156648061 1.200078861 0.840371676 1 1.120904255
1.086616875 1.024821174 0.698183912 1 0.957235756 1.287066933
1.285006258 0.973283096 1 1.107530806 1.916659841 1.88676331
1.577356398 1 1.359932588 1.666095199 1.981383857 1.859392449 1
1.064504538 1.178245586 2.062648718 2.222416886 1.408597863 1
0.964991393 2.969521632 3.282648161 6.588128015 2.573029178 1
1.248329448 2.255098896 4.664361437 1.996032291 1.744169496 0.991206341
YCR007C YCR007C::YCR007C::molecular_function unknown 1 1.150811584
1.256223262 1.108255321 1.352262398 1 0.975014927 1.119702708
1.238380924 1.100142478 1 1.162210703 1.280563542 1.508746049
1.188440521 1 1.061416726 1.055547423 1.444873483 2.044825713 1
0.994301759 1.605356161 1.481224348 0.895124161 1 0.864093049
0.900597077 1.046269624 0.900151749 0.855598279 1 1.01256702
1.332865057 1.643521421 1.631802484 1.899731053 1 0.779496696
1.183643361 0.853196871 0.74360768 0.985016629 1.04024128
YCR009c "YCR009c::RVS161::Protein required for viability after N, C, or S
starvation. The BAR adaptor proteins encoded by RVS167 and RVS161 form a complex
that regulates actin, endocytosis, and viability following starvation or osmotic
stress." 1 0.870838224 0.999520372 0.918916024 1.106702442 1
0.870053511 0.810118325 1.1064595 0.953736882 1 0.864108471
1.103592342 1.219249089 0.98251967 1 1.245611782 1.219311247
0.995242211 1.291523009 1 1.747667609 2.369118622 2.466259641
1.773040361 1 1.175927194 1.469955736 1.241627271 0.890779989
1.228313578 1 1.337152336 1.519876723 1.374734917 0.962552758
1.503609374 1 1.260682405 1.425193267 1.166451594 1.44236807
1.517805717 1.04199261
YCR011c YCR011c::ADP1::Shows homology to ATP-dependent permeases 1
0.859763301 0.778809725 1.215148118 0.793779937 1 1.008340855
1.158342883 0.791734688 0.797002482 1 1.016341755 1.077858218
0.790252186 1.061433071 1 2.130892984 1.611002358 2.514580893
1.101358735 1 1.610015833 1.208912764 1.081154857 1
1.292891391 1.346147053 1.722835999 1.386071451 1.354058536 1
1.128189132 0.592208489 1.022805386 0.844828254 0.41393824 1
0.923371155 0.811150551 0.937557818 0.652343647 0.835864231 0.562150625
YCR024C YCR024C::YCR024C::asparagine-tRNA ligase* 1 1.031715986
1.063050925 1.211647178 1.125592152 1 1.075511216 1.183310625
0.961441486 1 1.488744172 1.349409492 1.337450581 1.069077334 1
1.378638745 1.575941907 1.599689542 1.428898517 1 1.454777063
1.728647927 1.7325618 1.240831558 1 1.598160474 1.953697695
1.446960837 1.262458115 1.20357354 1 1.675909378 1.083080825
1.149322053 0.946913863 0.979047782 1 1.286218576 1.243159243
1.173876516 1.024965614 1.489272761
YCR025C YCR025C::YCR025C::molecular_function unknown 1 1.611279304
1.296264622 1.299543883 1.451575373 1 1.08018667 1.185463961
1.232081491 1 1.04216898 1.591136697 1.066157579
0.535161689 1.06514695 0.629886948 1 0.730022921
0.938775532 0.729480856 1 0.791016432 0.653556314 1.134320005
0.924007885 0.649540489 1 0.829026451 1.664646142 1
0.728705681 0.874214499 0.964060295 0.745978903 0.714509171

YOL065C "YOL065C::INP54::INositol polyphosphate 5-Phosphatase, fourth one identified; has homology to Type I mammalian inositol polyphosphate 5-phosphatases" 1 0.988409416 1.008425772 1.127765972 1.289178902 1
1.027013803 1.070336024 1.234951695 1.370168481 1 1.108746782
1.060251997 0.517383845 1.085646543 1 0.727477825 0.330425056
0.94049087 1 1.381096308 1.459972642 1.584444884 1.690532792
0.868499595 0.895550164 0.992140125 0.860964851 0.811427446 1
1.235159204 1.181324053 1.524248709 1.078309078 0.977733619 1
1.01394992 1.09047185 1.054258042 0.712650828 1.101319821 0.86161404
YOL067C "YOL067C::RTG1::Transcription factor (bHLH) involved in interorganelle communication between mitochondria, peroxisomes, and nucleus" 1
0.833920722 0.835644798 0.983849215 0.543701974 1 0.972463224
0.987738771 1.015030409 0.829160235 1 1.016058691 1.052776283
0.777291603 1.050282935 1 0.444959012 0.619507909 0.70915655
0.483065879 1 0.834605224 1.020606541 1.016371565 0.605820074 1
1.135961236 0.91508812 1.149296289 1.572313579 1.034497137 1
0.948965609 0.925238754 0.936360709 0.979702774 0.806663917 1
0.681369153 0.607964748 0.579001015 0.484681161 0.578625035 0.577911863
YOL067C "YOL067C::RTG1::Transcription factor (bHLH) involved in interorganelle communication between mitochondria, peroxisomes, and nucleus" 1
2.087363537 1 2.146698733 2.080237207 1
2.097120482 2.031750328 1
0.555689731 1 1.138176692 1.164549188 1.556123054
1.927091844 1.655507863 1 0.803382214 0.460220151 0.680664568
1.115327415 0.295260353 1.066963176 0.786069272 1.327345645
0.64742578 1.322306141
YOL081W YOL081W::IRA2::Negatively regulates cAPK by antagonizing CDC25 1
2.056732472 1.838244187 1.66291956 1.866081184 1 1.820371357
1.605636841 1.766263722 1.723592809 1 1.556874647 1.227745433
1.191100542 1.466617034 1 0.574051116 0.590478665 0.5561172
0.525684079 1 0.975936114 0.885257419 1 0.907786322
0.868087634 1.075895125 1.082898778 0.969210863 1 1.58378252
1.493022335 1.401318227 1.605712909 1.478745839 1 1.113387735
1.034677078 0.842427201 1.319281258 0.806801861 1.568242592
YLR453C YLR453C::RIF2::Rap1p-Interacting Factor 2; interacts with the c-terminus of Rap1p and with Rif1p; has functional similarities with Rif1p; Rif2p and Rif1p have synergistic effects on telomere length and chromosome loss 1
1.617501305 1 1.488236695 1
1.396199284 1.439414237 1 0.330950101 0.563400498
1.087834662 0.908918823 1 1.21523451 0.693736426 0.644535027 1
0.930681046 0.791551803 0.976275922 1
0.715853875 0.97908686 1.176429 1.103286232
YOL083W YOL083W::YOL083W::molecular_function unknown 1 1.438493924
1.380907895 1.736350336 1 1.313920016 1.593385927
1.927760194 1 1.404071197 2.059524389 2.758473538
1.851194089 2.16579879 1.204761906 0.810260209
0.721856949 1 1.167408173 1.438707473 2.361819858 1.2693002
1.186906079 1 1.099556703 1.629124059 2.073007684 2.100459073
1.02556587 1 1.706345543 2.230532357 1.612835498 1.320935308
2.399412032 1.36772472
YLR455W YLR455W::YLR455W::molecular_function unknown 1 0.76934841
0.873042625 0.950348894 1.057913262 1 0.841851474 0.892196606
0.878838034 0.873438376 1 0.729173531 0.710039783 0.613145728
1.008528011 1 0.629607318 0.379652929 0.553788987 0.779707335 1
1.030026554 0.843309469 0.930111971 1.371803009 1 0.826469618
0.838806943 0.665780361 0.793204054 0.861982723 1 0.820567124

	0.642154068	0.745725932	0.627169606	0.683489982	1	0.935647769	
	0.757220579	0.910708459	0.888239982	1.107709369	0.767922225		
YOL085C	YOL085C::YOL085C::molecular_function unknown					1	2.130120679
	1.650862226	1.49621116	1.855799377	1	1.817958947	1.412051585	
	1.730992169	1	2.037723476	1.78266707	2.010444653	1.556408046	1
	0.657935315		1.32282285	0.705641276		0.189759224	
	0.314181731	1	1.104767078	1.083418902	1.159092125	1.110172538	
	0.999317603	1	1.291656568	1.449527471	1.027897212	0.947535988	
	1.526260505	1	0.828134042	1.023215374	0.976265882	0.965980647	
	1.475666454		1.011345695				
YLR457C	YLR457C::NBP1::Naplp Binding Protein					1	0.700093004
	1.041706202	0.861067934	1.172825855	1	0.987187852	1.326980701	
	1.117301639	1	0.901981486	0.794485666	1.001308763	1.186521727	1
	0.477391874	0.608927575	0.489829756	0.990693865	1	1.582635849	
	1.566130091		2.223743137	1	1.040893253	1.025357178	0.974614775
	0.895507246	1.156580914	1	0.940313114	1.104515698	0.962322416	
	0.896475523	1.206523909	1	1.060553875	0.982562565	1.073919618	
	0.966189216	1.074563582	1.021853256				
YOL087C	YOL087C::YOL087C::molecular_function unknown						0.966560327
	1.035185539	1.382028391	0.93687335		1.330590044	1.465241579	
	1.075883729	0.769435136		1.309316311	1.275606671	1.185555645	1
	1.333040398	0.997000047	1.414551932	0.744148624	1	1.117702206	
	1.102060834	0.720413446	0.792984762	1	1.087100567	1.15833558	
	1.364828801	1.184374119	1.178824306	1	1.150607234	0.69511744	
	0.851268594	0.799189134	0.635305544	1	1.202382745	1.032640222	
	1.123719051	1.025459569	1.171882531	0.750409762			
YLR459W	YLR459W::CDC91::member of major facilitator superfamily					1	
	1.499393093	1.064750079	1.139930601	1.393376986	1	1.115559227	
	0.929521824	1.271986474	1.139047026	1	1.293281946	0.922701252	
	1.087685766	1.048118816	1	0.800358462	0.512097983	0.65141504	
	0.709083093	1	0.483998004	0.856182123	0.583445498	0.551154525	1
	1.217069047	1.014423221	0.934615504	1.228248149	0.617610329	1	
	0.687004876	0.927745226	0.999228221	0.717968519	0.723562275	1	
	0.942121728	1.057231792	0.939838379	1.169809797	1.088319727	0.733772912	
YOL089C	YOL089C::HAL9::involved in salt tolerance					1	1.173066909
	1.192793309	1.471536039	1.304592729	1	1.391340505	1.522221701	
	1.263897827	1.372536395	1	1.192857767	1.32315918	1.037246827	
	1.34980592	1	0.759389942	0.47211078	1.034147762	0.869071265	1
	0.800010638	1.422422926	1.195707243	1.001396869	1	0.93015626	
	1.026652701	0.910553283	1.017243423	0.884957985	1	0.969255803	
	0.771840021	0.806460589	1.019356397	0.806945013	1	1.097392885	
	1.202320984	1.244476894	1.03629859	1.107516857	0.847604027		
YCR029C	YCR029C					1	1.507302598
	1.393508551	1.399346677	1.537390519	1.439586756	1	1.505940203	
	1.642416252	2.378742585	1.085616445		0.831129394	0.856260935	
	0.606810995	0.614758649	1		2.014190873	1.451578715	1
	1.152267227	1.452797416	1.370758377	1.236835165	0.947917452	1	
	1.233161066	1.29453352	1.151719502	0.819661592	0.880982046	1	
	1.109701673	1.220084898	0.928556407	1.051255564	1.094390803	0.971942653	
YOL091W	YOL091W::SPO21::sporulation defective					1	1.289277065
	1.334022855	1.276393964	1.351555164	1	1.19475175	1.525170768	
	1	0.984279299	0.981101821	1.159349003	1.240413594	1	0.704869049
	0.848360921	1.443102069	1.444492929	1	0.860404879	1.252300169	
	1.341172628	0.708739367	1	0.754202485	0.950264682	1.039907748	
	1.053213706	0.959635056	1	0.515725501		0.675669883	
	2.207150008	1		0.659500003	1.325051364	0.674789275	0.724750282
	0.660220503						

YLR461W YLR461W::PAU4::member of the seripauperin protein/gene family (see
Gene_class PAU) 1 1.281482657 1.601966648 1.062922113 1.576990209 1
1.242428223 1.060152996 1.584526959 1.322391569 1 1.536108644
1.281738518 1.958322021 1.449822203 1 1.042464194 0.828745672
1.475266403 1.496571404 1 1.12542047 2.270103662 1.705905518
1.274849699 1 1.049221474 1.166123859 1.105960754 0.989866915
0.989308403 1 0.9202245 1.514825398 1.74292792 1.236887275
1.5357568 1 1.165049048 1.038078801 0.698381628 1.271076233
1.42026211

YOL105C YOL105C::WSC3::cell wall integrity and stress response component 3
1 1.686995016 1.2522539 1.581216868 1.2402951 1 1.533919875
1.549122175 1.123558957 1.195645479 1 1.413700141 1.328087436
1.067373717 1.017383002 1 0.948026456 1.408319936 1.076284526 1
0.878905628 1.369165644 1.506714413 0.629737828 1 1.076969315
1.071364011 1.034516531 1.141287661 0.701524374 1 0.627175402
0.421658362 0.485416669 0.567242783 1 0.635848391 0.565117681
0.910100685 0.645779475 0.772807633 0.694369817

YCR030C YCR030C::SYP1::<u>S</u>uppressor of <u>Y</u>east <u>P</u>rofilin
deletion 1 0.872990498 1.084846997 0.687453319 1 1.1715914
1.298554344 0.76749221 0.711398609 1 1.452957053 1.280977837
0.837440387 0.83359564 1 1.349009803 1.01324389 1.744388034
0.556765429 1 1.03964667 1.015396697 0.558024783 0.647575369 1
0.975117786 1.083546248 1.074938956 0.983405999 0.660889189 1
0.930250649 0.646451088 0.844989099 0.78400405 0.387885351 1
1.130693909 0.916035048 0.996381344 0.639995855 0.800866731 0.560399347

YLR463C YLR463C::YLR463C::molecular_function unknown 1 0.787870488
0.548573296 0.945683169 0.346161744 1 1.056429995 1.099110766
0.585421782 0.444596094 1 0.848678769 0.810233087 0.270376766
0.803674752 1 0.607370307 0.405789768 0.690463904 0.573843902 1
0.556414763 0.534453872 0.428931656 0.490373937 1 0.872902325
0.910935284 1.181507305 1.299814912 1.066021383 1 0.743641596
0.451145824 0.784194459 1.074746348 0.395540978 1 0.68987287
0.528725113 0.879673392 0.549286581 0.617849184 0.661971729

YOL107W YOL107W::YOL107W::molecular_function unknown 1 1.291956717
1.135062741 1.032883854 1.186853741 1 1.364620168 1.078949014
1.373189772 1 1.378865124 1.141608793 1.252473546 0.93059635 1
1.727840369 1.104047886 1.355750868 1.496427179 1 1.198650185
1.556743052 1.071734357 0.800526258 1 1.181113629 1.388043542
1.190917341 1.177215117 0.922471704 1 1.009683596 1.09069894
1.103335777 1.419010196 1.078893331 1 0.998049295 1.100390196
1.098633693 0.853342114 1.126663618 1.056002518

YCR032W YCR032W::BPH1::beige protein homologue 1 1 1.295408707
1.482573597 1.032242112 1 1.334705061 1.386955993 1.074559332
1.022250561 1 1.175296929 1.262575853 0.752148816 1.235049555
1.006103968 1 1.070526475 0.702777758 0.712470191 1.061189832
1 1.016335778 0.995656745 1.094057628 1.260104884 1.061705632 1
0.938326393 0.850501086 0.685604406 0.862258062 1 0.703882955
0.622780165 0.950897952 0.660664659 0.898210418 0.828340286

YML011C YML011C::YML011C::molecular_function unknown 1 1.213486577
1.320050599 1.020975626 1.599106073 1 1.141921064 1.007433384
1.436226413 1.602182396 1 1.010219233 1.098812218 1.400855164
1.197681239 1 1.091399922 0.965071911 0.911076007 1.571244091 1
1.125773457 1.373031927 1.004539101 0.998615646 1 0.971594131
0.871221998 0.94565126 0.814222964 1.201215648 1 0.805582428
1.041491646 0.969315279 0.88543798 0.978049185 1 0.914824956
0.873084864 0.859906591 1.407883689 0.848376447 1.301177213

YCR046C YCR046C::IMG1::Required for respiration and maintenance of
mitochondrial genome 1 1.158108489 1.54145587 0.898208798 0.918449397 1
1.118539386 1.377906862 1.355357557 1.240812368 1 1.203053102
1.311743094 2.118725899 0.933659123 1 1.340644124 1.557659907
1.512764964 1.930568484 1 1.489185539 2.257659342 1.601975837
1.347888203 1 1.168031085 1.225979706 1.090055766 0.973722429 1
0.842737163 1.134876051 0.917891214 0.949585233 1.198900862 1
0.763832428 0.914354793 0.925729031 1.180614423 0.867743381
YML013W YML013W::SEL1::<U>SE</U>cretion <U>L</U>owering 1 0.875198952
0.76407304 0.893179477 0.39689294 1 1.223943974 1.416054312
0.645802942 0.638390892 1 1.327613099 1.353285664 0.818311424
0.877011438 1 0.864389227 0.518735483 0.870316716 0.793351761 1
1.588555274 1.116731431 0.679828327 1 1.297840716 1.38709828
1.511701405 1.448369074 1.178928981 1 0.907776665 0.625867033
0.756221459 1.078279909 0.388484742 1 1.147176966 0.748408439
1.168334531 0.912272965
YCR048w YCR048w::ARE1::Acyl-CoA cholesterol acyltransferase (sterol-ester
synthetase) 1 1.111609834 0.78455241 0.816888031 0.461121578 1
1.165789774 1.076091155 0.662312728 0.696765639 1 1.441928623
1.089631469 0.771346722 0.748945742 1 1.161794238
0.802659818 0.759036896 0.86773797 1 0.946604253
1.070498565 1.145622816 1.443234796 1.095056973 1 0.808803951
0.717200289 0.716753658 1.135352208 0.445802696 1 0.756969632
0.710842881 1.044791754 0.68367348 0.814852966 1.318689781
YML015C YML015C::TAF11::TFIID subunit (TBP-associated factor) with predicted
molecular weight of 40 kD. 1 0.636141023 0.867655326 0.842764904
0.941938243 1 0.741319496 0.787462712 0.915642312 1
0.657381697 0.762632123 0.808166097 1.019586948 1 0.369155912
0.434399788 0.703966426 0.725137529 1 0.700684934 1.020307608
0.84425362 0.577587872 1 0.907414042 1.107647232 0.898723469
0.943556629 1.020720375 1 0.897722173 0.848142416 0.947229925
1.638007353 1.664030827 1 0.983765455 0.679100293 1.295817014
0.702589508 0.980944996 0.704877326
YCR050C YCR050C::YCR050C::molecular_function unknown 1 1.836280996
1.456210127 1.184132277 1.308335217 1 1.4219899 1.13999978
1.511395839 1 1.723315054 1.538699037 1.963258806 1.360751554
0.5597467 0.214206728 1
1.0537142 1.048521518 1.283536024 1.468835182 0.981633128 1
0.834351232 1.103090626 0.995009825 1.306535146 1 1.04691855
0.903994272 1.365573226 1.248639823
YML018C YML018C::YML018C::molecular_function unknown 1 1.214685098
0.813358762 0.89776639 1.169129082 1 0.89297661 0.634077666
1.330284891 1 0.671603506 0.552998439 0.533674572 0.684735197 1
0.444811278 0.928901005 0.902543925 0.628897344 1 0.394111503
0.341311421 0.329442744 0.38465397 1 1.213623669 0.957327209
1.108696496 1.757267407 1.404692625 1 0.744530118 0.528507458
0.56158529 0.783302014 0.66379731 1 0.68365856 0.540380246
0.839971319 0.731004568 0.72106707 0.476339482
YCR052w "YCR052w::RSC6::a subunit of RSC, a fifteen-protein chromatin
remodeling complex and related to the swi/snf complex." 1 0.791297765
0.872818266 0.689361825 0.5230318 1 0.957715098 0.999722507
0.63048439 0.62101541 1 0.850808449 0.965149458 0.627920666
0.665279947 1 0.759376418 0.587796815 0.711233117 0.653050242 1
0.636142448 0.643079575 0.598904242 0.509791664 1 0.876372054
0.871318578 0.926500682 0.854086724 1.010433433 1.085710217
0.924939748 0.864536465 1.303353411 0.80898654 1 0.802360263
0.748476437 1.026142947 0.546790531 0.975312055 0.767922225

YCR056W	YCR056W	1.00103636	0.75161991	1.431226848	0.65982513
	1.129609258	1.098382	1.090458558	0.932986604	0.52324427
	0.558474573	0.324861345	1.322614091	1	1
		1	0.649442447	0.490260452	0.614534757
	0.939003002	1	0.536417099	0.261636058	0.19890514
	0.205736359	1	0.36500771	0.278502338	0.779743939
	0.343882421	0.514866912			0.503932383
YCR070w	YCR070w	1	1.194998823	1.245583621	1.010396635
	1.133840923	1.184599636	1.110222919	1.009119401	1
	1.534230447	1.974778624	1.145448646	1	2.112441317
	1.819470385	1.342974811	1	1.381675053	1.325615045
	0.831461135	1	1.190446032	1.165224	1.048590045
	0.858141674	1	1.023740074	1.496948528	1.270266064
	1.199353253	1	1.29573914	1.505578348	1.074022163
	1.424851879	1.086649433			1.034103647
YCR072C	YCR072C::YCR072C::molecular_function	unknown	1	0.972105744	
	0.73476073	1.219028274	0.720947758	1	1.088885187
	0.88324406	1.058964645	1	0.542151014	0.570172692
	1.056378687	1	0.545819354	0.547182988	0.724549853
	0.526325743	0.229425092	0.500296439	1	0.915415972
	0.96598702	1.278520768	1.086802488	1	0.650422818
	0.48487969	0.900914866	0.367546529	1	0.622872069
	0.92959675	0.653284583	0.447680635	0.904519585	0.432961957
YOL111C	YOL111C::YOL111C::molecular_function	unknown	1	0.880836802	
	1.177315206	0.754548047	0.903084266	1	0.907920873
	0.924995205	0.826497499	1	1.128823778	1.187485758
	0.79834617	1	1.184212916	0.857742614	1.089438205
	1.333651153	1.501642422	1.619552566	1.10739472	1
	1.032853304	0.701522021	0.808748741	0.809928714	1
	1.362261016	0.930557173	0.978100701	1.41210333	1
	1.113614905	0.838667032	1.180243738	0.962782621	1.408878988
YOL113W	YOL113W::SKM1::Serine/threonine protein kinase with similarity to Ste20p and Cla4p	1	0.797609386	0.936825622	0.995670645
	0.923104251	0.875227064	1.101361429	0.943495909	1
	0.886278778	0.773727045	0.897010859	1	0.912619934
	0.942943199	0.730292111	1	1.116712344	1.024285941
	0.780568257	1	0.754064362	0.704804722	0.796817615
	0.918199958	1	1.372870716	0.970489991	0.87931857
	0.943225503	1	0.800093574	0.812873368	0.978598078
	0.735329636	1.516580762			1.061919265
YOL115W	YOL115W::TRF4::TRF5 homolog; Involved in mitotic chromosome condensation; associates with Smc1p and Smc2p	1	1.074929229	1.066644474	
	1.109825216	0.92122078	1	1.209685507	1.313068632
	0.941718656	1	0.826422803	1.088127639	0.815113066
	0.533059379	0.412258363	0.725908494	0.602108861	1
	0.871441727	0.69105173	0.910307414	1	0.749771438
	0.947345005	0.88960666	0.985790345	1	1.111325747
	0.539953802	1.191381151	0.569744351	1	0.905329136
	0.992507137	0.945592849	0.693659118	1.9106115	0.828607506
YML020W	YML020W::YML020W::molecular_function	unknown	1	0.855626951	
	1.039492686	1.079650332	1.213058636	1	1.095834318
	0.980506158	0.875275645	1	0.829698942	0.84871599
	1.042067748	1	0.798726168	0.797610955	1
	1.16673956	1	0.673574183	0.64428682	0.511460535
	1.028288475	1	0.819484846	0.46268083	0.617076699
	1.185582919	1	0.745060041	0.57389877	0.973481022
	1.117183395	1.073514981			1.009308017

YOR059C YOR059C::YOR059C::molecular_function unknown 1 0.665859287
0.899126904 0.801169984 0.875978157 1 0.838726674 0.94459703
0.885678768 1 0.966207672 1.142195116 0.938486634 1
1.007715623 0.981919853 1.2431926 1.366951685 1 1.758983114
2.144958035 3.138526649 1.212950092 1 1.45973208 1.349767352
1.430715806 1.635663914 1.709224222 1 1.150581272 1.06252384
1.096663552 0.979164192 0.832507058 1 0.988667991 0.83316108
0.819807679 1.218067253 1.126893825 2.838773098
YOR059C YOR059C::YOR059C::molecular_function unknown 1 1.350334123
1.197003155 1.315811952 1.223203931 1 1.399398435 1.369701253
1 1.091928151 1.096118328 0.92012335 1.059166624 1.21644585
1.236216046 1.010844785 1 0.658658085 1
0.966262339 1.477588131 1.260596331 0.779954803 1.045785527 1
1.266846265 2.017293705 1.649875937 1.306112826 1.164490283 1
1.549169774 1.369170719 1.014349357 1.312198344 1.253893604
YML022W YML022W::APT1::Adenine phosphoribosyltransferase 1
1.832864626 1.407732268 1.052205275 1.663793936 1 1.289994071
0.934672123 1.541882008 1 1.108812063 0.722060172 0.822661398
1.069769398 1 0.708096842 0.291929707 0.293051934 0.81650034
0.846349407 0.500962127 0.753383882 1 1.125010797 0.936861282
1.281943405 1.441410636 1.000879554 1 1.051459747 1.043271446
0.861527377 0.518764061 0.587361649 1 0.87884425 0.714123417
0.642531323 0.90811867 0.413140075 1.096281225
YOR061W YOR061W::CKA2::may have a role in regulation and/or execution of the
eukaryotic cell cycle 1 0.985153998 1.140095134 1.079341888 1.02000996 1
1.066298069 1.086497095 1.049297784 1 0.92983358 0.949434038
0.850079214 1.020030799 1 0.948128422 0.755188349 0.573442411
0.891991077 1 1.190346525 0.631783829 0.967899941 1.013418021 1
0.966432048 0.844879034 0.895920545 0.886220641 1.127318686 1
1.154206797 1.130796109 1.008173479 1.008898989 0.86061638 1
1.080263194 0.709117359 0.90722112 1.046201909 0.842215325 1.065634415
YML041C YML041C::VPS71 1 1.052320869 1.230567976 0.994384448
1.530592343 1 0.94357636 0.915101074 1.656623708 1.27516515 1
1.050570355 1.27315654 1.655215097 1.231052102 1 1.054361952
0.821757387 0.998452758 1.418375213 1 1.308142797 2.019877184
1.277407901 1 0.722203155 0.853589485 0.572002663 0.672586415
0.823632739 1 1.035030236 1.203844069 1.111973612 1.659500736 1
1.324729646 1.366873669 1.417490582 1.507426924 1.469628169 1.072639421
YOR063W YOR063W::RPL3::Homology to rat L3 1 1.488912481 0.781957846
1.055537716 0.619307936 1 1.498542175 1.162039689 0.758263806 1
1.058776088 0.794845562 0.39373063 0.690484756 1 0.799157805
0.373158539 0.194182491 0.451883606 1 1.031968196 0.151763668
0.105899059 0.781450243 1 1.253097446 0.984909814 1.559353712
1.249797589 1.525121832 1 1.044062651 0.733222941 0.830607484
0.541382021 0.409190337 1 1.1097543 0.484873714 1.020651098
0.618167757 0.56055225 0.935166396
YOR065W YOR065W::CYT1::Cytochrome c1 1 1.369927558 1.292324517
1.363488065 1.362177896 1 1.45286963 1.187011163 1.288520322
1.352754849 1 1.113917299 1.160673101 1.225572418 1.113667659 1
0.862882706 0.906666054 0.825002462 1 1.173315583 1.109570337
1.167823821 0.839865095 1 0.500273201 0.329342033 0.430411496
0.783899316 0.905382061 1 0.29415557 0.132730316 0.155265891
0.315826146 1 0.314651898 0.200195944 0.452614432 0.883526912
1.363248368 1.50519764
YOR065W YOR065W::CYT1::Cytochrome c1 1 0.739209578 0.930033062
0.742571661 0.690265975 1 0.99519188 0.99454775 0.673776624
0.735392132 1 0.530731117 0.720904316 1.073174719 0.401239234 1

1.198500932	0.697642342	1.72335734	1.489372341	1	1.104310802		
0.902821844	2.011187451	1.215220749		0.851380697	0.858734159		
0.874942313	0.916229468	1.116669677	1	1.70023754	0.862436875		
1.629877002	0.912856617	0.950453908	1	0.847895665	1.265434948		
0.716679712	0.972455242	0.465133747	1.712720518				
YML043C	"YML043C::RRN11::rDNA transcription factor CF component, which also contains Rrn6p and Rrn7p, which is required for rDNA transcription by RNA polymerase I"						
1	0.637857903		1.063174977	1	0.841629329		
0.784956281	1.160000742	1	0.32168993	0.174119942	0.356472958		
1.075417374	1	0.15448739		0.489445628	1	0.594562894	
1.31380176	0.749167564	1	0.44374153	0.468122653	0.447598383		
0.571633062	0.869606182	1	0.397812607	0.707588527			
1.940378835	1	0.608348314	0.727833046	1.306741677	0.858602772		
0.936295311							
YOR067C	YOR067C::ALG8::adds glucose to the dolichol-linked oligosaccharide precursor prior to transfer to protein						
1	1.4393697	1.024056716					
1.193993065	1.143410536	1	1.363374595	1.04718179	0.973475934		
0.950839832	1	1.096457452	0.9068145	0.803628469	1.016385712	1	
0.709281838	0.970010156	1.179611189	0.614343483	1	0.617298404		
0.557647173	0.240979528	0.396602967	1	0.849748243	0.728723982		
0.820645099	1.263824243	1.034339564	1	1.273366485	0.675398139		
0.61440328	0.603126546	0.42025426	1	0.753648079	0.473580941		
0.600417505	0.893722994	0.576896847	0.68386236				
YCR074C	YCR074C	1	1.167087614	1.141434814	0.882011323	0.699079024	1
1.098491545	1.127871647	1.127194429	0.933719217	1	1.342240264		
1.564818317	1.63401379	1.044982474	1	1.092397958	1.007867281		
1	1.3292233	1.086422925	1.427340247	0.661178177	1	0.992065368	
0.949782976	1.243911693	1.146717916	1.178099217	1	0.979752072		
0.771687063	0.751688043	0.755397708	0.433225677	1	1.000934161		
1.021306501	0.525064918	1.125459376	0.829215951				
YML046W	YML046W::PRP39::May function to facilitate or stabilize the interaction between U1 snRNP and the 5' splice site in pre-mRNAs						
1							
0.778493775	0.73570105	1.065140514	0.769400355	1	0.995976695		
1.081582359		0.957683313	1	0.653508628	0.673604248	0.561052153	
0.88542723	1	0.590095491		0.557365886	0.75499964	1	
1.150394408		0.801930938	0.862480244	1	0.803205446	0.844133961	
0.782607693	0.85831555	0.919090189	1	0.81428488	0.720161544		
0.717427357	0.81163379	1.096196593	1	1.027079557	0.769405805		
1.003221248	0.786462603	0.845115738	0.825713448				
YOR069W	YOR069W::VPS5::vacuolar Protein Sorting Defective; Golgi retention and vacuolar protein sorting						
1	1.296133849	1.222800748	1.39358482				
1.385214366	1	1.352652373	1.179382774	1.270821222	1.297750853	1	
1.035633605	1.337779305	1.402540449	1.229177161	1	1.198048447		
0.706594121	1.005783217	1.283813257	1	0.958317945	0.957542224		
1.262855288	0.933694478	1	1.080512061	1.337704508	0.838504759		
0.725567861	0.874133826	1	1.135991264	1.447476748	1.447726045		
0.888820738	1.293251267	1		1.689060056	0.940572253	1.661588635	
1.301248388	1.306430994						
YCR076C	YCR076C::YCR076C::molecular_function unknown						
1							
1.4608743	1.546561472	1.5767338	1	1.297979246	1.434721486		
1.896907885	1.91269297	1	1.236056648	1.459441118	2.091222275		
1.973004272	1		1.474566998	1.597434597	0.802111075		
0.647448797		0.994727633	1	1.154215497	1.291008129		
1.22888686	1.130704385	1	0.987480758	0.911844286	0.990858296		
1.164133785	1.279868365	1	1.065781174	1.003245925	1.105351393		
0.961942585	1.155079342	1.209236781					

YML048W YML048W::GSF2::Glucose Signaling Factor 1 1.662926837
1.515850392 1.538615962 1.423409083 1 1.635160676 1.66124465
1.553120403 1.320502057 1 1.781889334 1.842318175 1.83395635
1.313378444 1 1.466619273 1.040763771 1.538364432 0.959478857 1
1.059170317 0.775999267 1.171889715 0.756029305 1 1.101627955
1.20766957 1.494338554 1.357660027 0.978768371 1 1.005923578
1.092956593 1.048525016 0.649778462 0.463940969 1 0.984108228
0.90007067 0.98253838 0.822535012 0.719324521 0.927285829
YOR083W YOR083W::WHI5::whiskey (whi) mutant 1 1.578865161 1.232070714
1.532835492 1.40317269 1 1.58942502 1.381326468 1.329688484 1
1.192303753 1.201161149 1.106434947 1.472863871 1
0.718526203 0.770790166 1 1.255066979 1.304519186 1.072491254 1
0.93615568 0.93600877 1.18254681 1.072038435 1.036211921 1
0.974671133 0.644853844 0.838663811 1 0.825490493
0.777318005 0.627197895 1.074924457 0.839959426 1.002589463
YCR079W YCR079W::YCR079W::protein phosphatase 1 1.438723148
1.447985438 1.743174421 0.892540598 1 1.721839533 1.67352194
1.417825883 1.419191644 1 1.742396417 1.754669301 1.660082148
1.593962606 1 0.7556268
0.478338957 1 1.069564471 1.021397243 1.211625816 1.111496005
1.031943815 1 1.098384969 0.81384447 1.123072907 0.995410429
0.858980137 1 1.232181465 0.722862238 1.026633405 0.62426006
1.338945201 0.830091564
YML050W YML050W::YML050W::molecular_function unknown 1 0.984440618
1.121418632 1.044241636 1.568730405 1 1.059608041 1.014620635
1.152118121 1.567095323 1 0.98979703 0.946001083 1.324902461
1.071269033 0.517478091 0.405985816 0.565926581 0.683523615 1
1.103579567 1.722733503 1.28819461 1 1.068546269 1.095533115
0.995026989 1 0.576592338 0.549840581 0.50203169
0.803246393 1 0.923318177 1.060450478
YCR081w YCR081w::SRB8::activation mediator subcomplex of RNA polymerase I
holoenzyme 1 1.229768624 1.249593022 1.324505338 1.247531198 1
1.246976357 1.24631095 1.14987372 1.171065626 1 1.36349533
1.363708785 0.933991354 1.218259939 1 1.604741181 1.574269067
1.073081475 1.005636752 1 1.184321059 1.657513339 0.882049526 1
0.869610705 0.959335714 1.129611465 1.054643679 1.157878276 1
0.980787901 1.407548065 0.98885587 1.235959606 1.279310446 1
0.862225306 1.15306955 1.016719513 1.25734138 1.298331901 1.000838238
YML053C YML053C::YML053C::molecular_function unknown 1 1.946113167
2.629730357 2.212243268 2.916297826 1 2.283449025 2.394763815
3.007627366 2.711821805 1 1.942729286 2.869290525 3.697233275
2.521291282 1 0.968554716 0.782175193 0.736222103 0.765633416 1
1.279310494 1.340528736 2.038052186 1.387345318 1 0.899539384
0.894225013 0.528549828 1.105944716 1 1.137654941 1.150119084
1.177281694 1.478604718 1.895974645 1 1.234044714 1.143475206
1.439242299 2.033150756 1.065634415
YCR095C YCR095C::YCR095C::molecular_function unknown 1 1.218991188
1.51953204 1.303329795 1.382047376 1 1.141718889 1.032738961
1.54808315 1.367135424 1 1.083568433 1.235817798 1.152049163
1.318454042 1 0.798583151 0.943686829 0.470323484
0.54457264 1 0.773010866 0.855384218 0.722519442
0.646018545 0.92846752 1 1.105783569 1.233398027 0.987213369
1.935268516 1 1.183260425 1.143874613 1.113557944 1.100924366
1.217245807 1.215366122
YML069W YML069W::POB3::binds to catalytic subunit of DNA polymerase alpha
(Pol1p) 1 0.77243093 0.866938793 1.078780295 1.002294635 1
0.993154066 0.939708173 0.828873049 0.860254574 1 0.745713924

1.028866217 0.765001705 0.954873389 1 1.334172591 0.867451994
0.831604038 0.897154496 1 1.119991621 0.69710358 0.52763832
0.828946418 1 0.902473141 1.081338547 1.113072539 0.894997228
1.021239192 1 1.321800348 0.990840475 1.16540602 0.973224028
0.793147267 1 1.196199 1.006770268 0.956173145 1.013118342
0.729853131 0.747782872
YCR097wa YCR097wa::YCR097W-A::molecular_function unknown 1 1.908321952
2.021499369 1 1.966583935 1.909888992 1.877747851 1
1.863957998 1.638753861 1 1.713032476 1.354660395
1.201993376 2.181275562 1 1.960515005 3.384005391 2.878821434
1.459146844 0.734972077 0.740618918 1
1.236103902 1.761425139 1.272755321 2.009292443 3.234595143 1
1.05928714 1.529455709 1.657873333 2.041137096 2.473711901 0.656718
YML071C YML071C::COG8::<u>C</u>onserved <u>O</u>ligomeric
<u>G</u>olgi complex <u>8</u>
 dependent on RIC1 1
0.740460671 0.901394309 0.96234518 1.063443699 1 0.89222182
1.251119984 0.904090321 0.916457251 1 0.742582414 0.922846186
0.744204878 1.037635824 1 1.144863643 0.876004696 1
1.26242809 1 1.004358608 1.027113957 0.993605734
1.084055673 1.198713357 1 0.850642923 0.764565968 0.653646957
0.748605025 0.902704124 1 0.913964786 0.90860516 0.897846288
1.117178686 0.818155885 0.795942198
YCR098c YCR098c::GIT1::permease involved in the uptake of
glycerophosphoinositol (GroPIIns)
1 1.116552405 1.133336888 1.167850974
0.994698081 0.983907159 1 0.860347103 1.118675728 0.907356917
0.923869485 1.539737959 1 1.355232406 1.265476821 1.19479153
1.38629143
YCR100C YCR100C::YCR100C::molecular_function unknown 1 1.216822209
1.125439507 1.451629139 0.886465729 1 1.339012976 1.396529547
1.011399164 0.953007589 1 1.475487827 0.92468757 1.177414752 1
2.063797248 1.576734569 0.561128486 1
0.862137248 0.873891366 0.919816346 1.05071805 1.142071952
0.948773809 0.716828298 1 1.264408572
0.215612434 1.90695562 0.679484244
YCR102C YCR102C::YCR102C::molecular_function unknown 1 1.239228304
1.278620411 1.252756585 0.780790265 1 1.390971156 1.254078342
1.434169044 1.094081183 1 8.805792097 13.94194402 4.074752315 1
8.674795607 12.20175926 7.247520939 2.568223076 1 5.302197957
1.650935009 1.257356975 0.862775097 1 1.72699409 2.156294182
1.926423615 1.067964978 0.949322044 1 3.275626664 4.04472707
2.003284201 0.872751206 0.681170376 1 2.410552676 3.61296087
2.106773643 0.727024063 0.893801377 2.102373244
YCR104w YCR104w::PAU3::member of the seripauperin protein/gene family (see
Gene_class PAU) 1 1.196215564 1.319089047 0.963019113 1.377739222 1
1.078876262 0.980189824 1.519252357 1.359624933 1 1.236971188
1.285515726 2.026529764 1.187292579 1 1.60868606 1.363095931
1.6033418 1.599985047 1 1.324009842 2.40055723 1.970702521
0.991995437 1 0.954099543 0.984324426 0.92117971 0.787491483
0.944092113 1 0.874272324 1.585529823 1.283959127 1.375313363
1.799854602 1 1.061838558 1.313117391 1.101371783 1.64809887
1.347337347 1.53496889
YOR085W YOR085W::OST3::Catalyzes the transfer of oligosaccharide from
dolichol-oligosaccharide donor to consensus glycosylation acceptor sites
(asparagines) in newly synth. proteins - ER lumen; may enhance oligosacch.
transfer to subset of acceptor substrates 1 1.237120205 0.982459995

1.195923363	1.229041965	1	1.172606493	1.074268309	0.827299174
1.096075247	1	1.282599215	0.986098548	1.195267019	1.051752868
1.404490381	1.04754856	1.316833828	0.969690702	1	0.392053089
0.74331345	0.432896768	0.350955999	1	1.10227841	0.905572323
0.76650402	1.178595377	0.623032326	1	0.965527889	1.270250785
1.513206549	1.038709421	0.787080459	1	0.810094594	0.773855434
0.859709937	0.670577185	0.908022036			
YOR087W	YOR087W::YVC1::vacuolar cation channel	1			1.21516112
1.102243353	1.123587006	0.938218338	1	1.267791767	1.160596068
0.95702986	1	1.049710803	1.082981259	1.166843844	0.939271932
1.21577395	0.99763056	1.131646961	1.280119903	1	0.860029146
0.968998788	0.87391278	0.605235306	1	1.006645943	0.809310591
0.833840173	0.965197331	0.975334903	1	0.914411998	0.651729291
0.855717706	0.92232584	0.603830075	1	0.821698409	0.885072762
0.898560193	1.190937081	0.795996105	0.980698884		
YOR089C	YOR089C::VPS21::Rab5-like GTPase involved in vacuolar protein sorting and endocytosis post vesicle internalization; geranylgeranylated; geranylgeranylation required for membrane association	1			0.740044624
1.136195142	0.894326275	1.338662427	1	1.052729404	0.995858313
1.117607972	1.575716846	1	0.721265158	0.869575057	1.253803688
0.991285256	1	1.00204214	0.811013294	0.846759361	1.423794939
1.908208716	1.728735014	1.977440199	1.490241908	1	1.10554052
1.280010084	0.971166933	0.862749527	1.255271578	1	1.953030351
1.903303702	1.653652352	2.041501739	1	0.928930084	1.100669277
0.891971977	1.297522079	0.868713498	1.047246286		
YML074C	"YML074C::FPR3::binds the immunosuppressant drugs, FK506 and rapamycin, and is localized to the nucleolus; binds to nuclear localization signal-containing peptides in vitro"	1			1.026146658
0.976109373	1.335054198	1	1.178779022	1.122805393	1.123707413
1.181110829	1	0.931146785	1.099177095	1.03466001	1.108139842
0.844317521	0.520680528	0.556825156	0.633948349	1	1.215166524
1.110460371	1.127120213	1	0.885694091	0.992117079	0.904299525
0.801640028	0.841385542	1	1.082712076	1.26234206	1.010138867
1.085791764	1.143478927	1	0.853299892	1.022176623	0.790506984
1.095625372	0.697640889	1.202231775			
YOR091W	YOR091W::YOR091W::molecular_function unknown	1			1.214619254
1.588201332	1.185251784	1.850957229	1	1.367203305	1.387657421
1.47957	1	1.005003021	0.945770869	0.896581221	1.097042852
0.48045338	0.270203129	0.173970532	0.621954419	1	1.081362645
1.186836038	0.912507708	0.911176379	1	0.895695099	0.708536152
0.724260508	0.71572357	0.902236227	1	1.101064758	0.982694454
0.890720955	1.144916131	1.183058943	1	0.673296178	0.583096026
0.935113299	0.866177675	0.525069126	0.876499665		
YML076C	YML076C::WAR1::ORF	1			0.704649163
0.739966898	1	0.852844474	0.923407736	0.641875056	1
0.941474011	0.781837573	0.459921243	0.695732822	1	0.622475236
0.615871541	1.136806803	0.806226299	1	1.639976611	2.130552786
1.890892246	1.39924701	1	0.802413052	0.957120664	0.871084663
0.942023142	0.862868776	1	0.999865236	0.685603447	0.681296968
0.850628032	0.839003912	1	0.88237651	0.746266733	0.891170028
0.71529001	0.900106192	0.813454714			
YOR093C	YOR093C::YOR093C::molecular_function unknown	1			1.509220261
1.388783925	1.600415099	1.527760405	1	1.553790274	1.760302884
1.406781122	1	1.432708743	1.283292138	1.124761134	1.604028834
0.737761013	0.735835643	0.927355421	1	0.83803739	1.891142865
1.151302013	0.931268959	0.83204249	0.703186876	0.838665084	
1.047774867	1	0.665265955	0.554195176	0.646199271	0.979932711

	0.758860097	1		0.727635935	0.876671208	0.905087075	0.931189068	
	0.917653933							
YOR107W	YOR107W::RGS2::Regulator of G-protein Signalling for gpa2; belongs to the RGS protein family and acts on Gpa2							
	1.266944512	1.537881122	1	1.571696225		1.554701187	1	
	1.538096788	1.189596298	1.173685522	1.199653905	1	0.798492735		
	0.467963751	0.802671693		0.523875136	0.513262511	0.370731845		1
	1.02309497	0.928126708	0.89771067	0.973851724	0.878650138	1		
	0.576418278	0.61047686	0.539937152		0.868788692	1	0.755201957	
	0.703085417	0.876657419	1.1341933	0.953373605	0.817832829			
YML078W	YML078W::CPR3::cyclophilin-3 (cyclosporin-sensitive proline rotamase-3)							
	0.974021344	1.226714877	1.225935616	0.837680318	1.417180114	1		
	1.21421411	1.878857765	0.918477832	1	1.145097897	0.85671294		
	1.194911595	1.39114499	1	1.428294506	1.614442188	1.904533		
	1.764037145	1	1.264729363	1.319709853	1.692098157	1.283785117		
	1.015876111	1	1.387896303	1.850399625	1.764160267	1.275970746		
	1.646586542	1	1.244795324	1.570578192	1.162549447	1.492192557		
	1.05237906	1.45266025						
YOR109W	YOR109W::INP53::Synaptojanin-like protein 1							
	1.537661563	1.564862226	1.663984279	1	1.609439288	1.581497274		
	1.349105598	1	1.519830713	1.519786473	1.563865079	1.317469672	1	
	1.009075746	0.577561091	0.684264404	1.220646796	1	1.245368181		
	1.100237198	1.057635755	1.263099802	1	0.953914093	0.992162814		
	1.040013248	1.110255918	1	0.858740997	0.894258929	0.961434295		
	0.921446438	0.842997649	1	0.904742931	0.95437531	0.831123823		
	1.049775105	0.896251326	1.027106933					
YML080W	YML080W::DUS1::tRNA dihydrouridine synthase							
	0.777006332	0.979958185	1.088113044	1	0.826069944	0.815992051		
	1.338127958	1.372089188	1	0.546091112	0.382061538	0.404873035		
	1.169123933	1	0.177874987	0.221095518	0.311355522	0.530911073	1	
	0.467719241	1.025741828	0.704283861	0.684144536	1	0.775102038		
	0.628621854	0.626676355	0.886879372	0.886255428	1	0.683243178		
	0.908705062	0.585062175	0.984031208	0.969225065	1	0.643325451		
	0.874704459	0.90722112	1.222389976	0.637915534	0.983325775			
YOR111W	YOR111W::YOR111W::molecular_function unknown*							
	1.222998429	1.381160287	1.58335915	1	1.108860386	1.098715627		
	1.447310705	1	0.92277135	1.090100037	1.224583807	1.228347295	1	
	1.155414031	1.056255311	0.952625245	1.112191772	1	1.553428461		
	0.992004218	1.108937738	1.276135201	1	1.13873302	1.495618515		
	1.447326434	1.354370356	1.590344844	1	1.230471673	1.146658174		
	1.47916926	1.368834217	0.639840223	1	0.906519569	0.645707505		
	0.933986585	0.758578897	0.844698213	1.164579958				
YCRX11W	YCRX11W							
	1.629813453	1.527905733		0.745061672	1	1.527874012	1.420363084	
	0.567017418	1.064796185	1	0.652369792		1		
	0.441927127		0.38093978	1	0.938208606	0.752504684		
	1.286746624	1.08308438	0.822772898	1	0.952626214	0.597226681		
	0.696359036	0.66872039	0.308659172	1	0.646064754	0.825040043		
	0.822280553	0.459241899	1.107570994	0.512240021				
YML097C	"YML097C::VPS9::Required for Golgi to vacuole trafficking, shares similarity to mammalian ras inhibitors"							
	0.915473543	1.00049648	1	0.943683955	0.930883003	1.233011692	1	
	0.987102041	0.843688728	0.879452412	1.109391235	1	0.734670458		
	0.538166641	0.59015816	0.911206703	1	1.299983106	1.959031737		
	1.707641678	1.238242419	1	0.82452254	0.838116659	0.716039567		
	0.720460396	0.977366062	1	0.890555966	0.990352286	0.705849186		

0.901299359 1.0226313 1 1.080537158 1.107558382 1.179317708
 1.174730293 0.995997154 1.080519988
 YOR113W "YOR113W::AZF1::probable transcription factor, asparagine-rich zinc-
 finger protein, suppressor of mutation in the nuclear gene for the core subunit
 of mitochondrial RNA polymerase" 1 1.199593915 1.233118409 1.198893704
 1.26219086 1 1.251684214 1.116636387 1.082160357 1.207133714 1
 1.190558483 1.309116333 1.393718911 1.290726693 1 1.040234976
 0.807873831 1.145095458 1.455587283 1 1.373286387 1.725458547
 1.443298219 0.853535528 1 1.309089251 1.113096501 1.205707489
 1.76268438 1.334528775 1 0.869527117 1.15198893 1.220785727
 0.665241433 0.747627696 1 0.815998732 1.151436903 1.031080146
 1.240228299 0.958475325 1.065634415
 YCRX13w YCRX13w 1 1.689772251 1.743350205 1.515650417 1.624084118 1
 1.361084926 1.476876954 1 1.266331181 1.681611448
 1 1.575325133 1
 1.220724971 1.197163547 1.514950718 1.111741559 1.043705741 1
 1.178368537 1.08930182 0.779867021 0.826767788 0.813098159 1
 1.176579395 0.990942274 1.048679536 0.945480345 0.937222947 1.168958073
 YML099C YML099C::ARG81::Regulator of arginine-responsive genes with ARG80
 and ARG82 0.933315566 0.990771665 1.219897242 0.825270862
 1.107816146 1.278516686 1.114308207 1.142381961 1.036843537
 0.993196274 0.91615572 1.080803829 1 0.685647113 0.628619191
 0.671950333 1 0.807212952 0.936462484 0.941631668 1
 0.831596853 0.824546297 0.89426654 0.966534977 0.99495585 1
 0.940230948 0.707636037 0.868277739 0.606379346 1 0.853501323
 0.814568258 1.045237987 0.704978255 0.754318922 0.95705708
 YOR115C YOR115C::TRS33::Trapp subunit of 33 kDa 1 0.871643734
 1.005127214 0.981203733 1.360197494 1 0.817739863 0.813257061
 1.145211794 1.185436331 1 0.734704936 0.910987159 1.03019605
 1.158378923 1 0.095391764 0.682746865 0.862009745 1.277220142 1
 1.089196143 1.11484496 1.581970596 1.43974602 1 1.049553541
 1.352212801 1.178016765 0.936962325 1.438431151 0.912909451
 1.453129051 1.263384758 1.119535319 1.283660078 1 1.092038042
 1.131765162 0.997237872 1.747243925 1.25396905 1.409754653
 YCRX15W YCRX15W 1 1.120657026 1.12972613 1.362293394 0.759008154 1
 1.317669968 1.39110786 1.166053138 1.105325691 1 0.888296231
 1.522973321 1.31961649 1.3636496 1 0.884726195 0.9241095
 0.744835125 0.626321832 0.811827006 0.253302217 1
 0.991588354 0.942357188 1.04188457 1.107184796 1.019047539 1
 0.985751285 0.738783045 0.786898154 1.166239567 0.619925786 1
 0.832885348 0.641415251 0.898601513 0.37279193 0.821254539 0.648837381
 YML101C YML101C::CUE4::Hypothetical ORF 1 1.102766694 1.430667352
 0.893898575 1.344011855 1 0.982468054 1.033911191 1.216944442
 1.306315474 1 1.323285669 1.392360474 1.976584557 1.053340807 1
 1.567250609 0.793284712 1.063758595 0.801184625 1 1.551417637
 2.352155496 1.24784784 0.852211955 1 1.039612881 1.263987872
 1.364241108 1.306957836 1.030127987 1 1.09809372 0.99418279
 1.128129077 1.302587797 1.247340021 1 0.869848479 1.062599918
 1.284501639 1.259783333 0.935068531 0.976320768
 YCRX17W YCRX17W 1 1.114584746 1.392390689 0.943184416 0.896064695 1
 1.201904963 1.346647307 1.02550714 1 1.225245875 1.51747072
 2.43151773 0.904868147 1 1.183181656 1.294830536 1.412775974 1
 1.155718527 1.580899295 1.517083367 1.266718974 1 1.093112122
 0.938944957 1.294600177 0.993886039 0.827503166 1 0.893437094
 1.374782474 0.924548285 1.257414226 1.384805686 1 0.984903125
 1.225764124 1.267104862 1.002518412 1.542927473 1.03761439

YML103C YML103C::NUP188::Localized at both the cytoplasmic and nucleoplasmic faces of the nuclear pore complex (NPC); may form the octagonal core structure of NPC
1.119239858 0.896249767 0.840934398 1.155034507
0.929231189 0.897011442 0.906635233 1.012235187 0.751387946
0.252624231 1
1.169830101 0.957705414 0.870826225 1 0.739008344
1.056150627 0.912940632 0.851005466 1 0.716964201
0.912590676 0.908467584 0.798897519 1.225873579
YCRX19W YCRX19W 1 0.924106897 0.903957758 1.268358837 0.826468744 1
1.073395105 1.146977165 0.96099941 0.890843085 1 0.972200201
0.538012098 1.059348179 0.551494889
1 0.740684744 0.772414191 0.883611317 0.955759789 1
1.083223067 1.010759246 1 0.876438279 0.603538125
1.13174778 0.645545818 1.13111959 0.830091564
YML105C "YML105C::SEC65::signal recognition particle subunit, homologue of mammalian SRP19" 1 0.96715764 1.118718996 0.86611932 1.23286294 1
0.867166701 0.842117224 1.309460103 1.201223882 1 0.723970561
0.885232418 0.890146348 1.106984396 1 1.117493781 0.741857972
0.643039711 1.08985569 1 2.070083802 1.823676761 1.686217979
1.441127189 1 1.060905064 1.197670825 0.895276728 0.834208229
0.94127311 1 0.966128364 1.115835702 0.950001608 0.92730424
1.537595871 1 0.992814067 1.136473044 0.973837421 1.283351107
1.378232177
YCRX21C YCRX21C 1 1.548712724 1.518770847 1.31540131 1.473994983 1
1.361610233 1.245421961 1.490100441 1.673038544 1 4.045337002
4.988986307 2.647841584 1.493944313 1 3.416158344 4.265661405
4.110647593 3.419994003 1 3.67447164 5.180647721 4.030855711
2.438051375 1 2.267760767 4.292269243 5.147198706 1.360056272
1.176837666 1 2.030283831 5.966636347 6.212154504 5.131824367
2.085261516 1 3.389690718 5.832584995 4.003505791 1.445561462
1.27207859 1.563864476
YML107C YML107C::YML107C::molecular_function unknown 1 0.870591565
0.856888274 1.367610141 0.943235328 1 1.000434572 0.884419478
2.086212237 1.637061847 1 0.674327638 0.857257031 1.137010591
1.387503827 1 0.36450596 1.987580042 2.340760488 0.417816301 1
0.509735121 0.451484465 0.28713591 0.26209983 1 1.162595198
1.375537361 1.335466079 2.607714508 1.657090916 1 0.932796038
0.348976453 0.64856288 1.241126864 0.334985396 1 0.470539859
0.358951661 0.385718116 0.33706296 0.441798404 0.375642687
YDL014W YDL014W::NOP1::part of small (ribosomal) subunit (SSU) processosome (contains U3 snoRNA) 1 1.548120947 1.007866064 0.874319871 0.845520945 1
1.082265339 0.971103802 0.913608689 0.903884067 1 1.244829974
0.63533875 0.515019983 0.790734796 1 0.603421799 0.314506107
0.368652397 0.466320271 1 0.742654838 0.484550483 0.526760176
0.788047176 1 0.905393122 0.691374061 0.660951359 1.087335626
0.829039512 1 0.687290494 0.502134566 0.391516055 0.648889494 1
0.728466951 0.541113018 0.570596065 0.833712768 0.558895994 0.819584055
YDL016c YDL016c::YDL016C::molecular_function unknown 1 2.048753026
1.863860794 1.222557535 2.240804426 1 1.350590275 1.187853487
1.796214276 1.774647809 1 1.412664302 1.313205665 2.12748597
1.257143672 1 1.32338484 0.881468715 1.176181387 1.767602532 1
1.23673915 3.320554899 1.466569369 0.815629553 1 0.837260437
0.711466835 0.527791563 0.612195766 0.838907791 1 1.145657361
1.53522022 0.873928589 0.769415355 1.691873185 1 1.403426244
1.64549997 1.139634889 2.465513391 1.625998226 1.398371531
YDL018c YDL018c::ERP3::Emp24p/Erv25p related protein 2 1 1.021264495
1.320185717 1.098263025 1.468457776 1 0.95576345 1.005595182

1.439594484	1.242535395	1	0.931273068	1.051734599	1.183211926	
1.2488676	1	1.619099973	1.112826265	2.543334846	1	
2.478566996	2.146305291		2.015907248	1	1.2350109	
1.262537562	0.973277923	1.145786965	1	1.094323287	1.577807613	
1.279143702	1.234055073	1.597890694	1	1.426476081	1.480042994	
1.413527259	1.742557884	1.451243563	1.120798695			
YDL020C	YDL020C::RPN4::Involved in ubiquitin degradation pathway. May act as common transcription factor on proteasomal and proteasome-related genes.					1
0.690425873	0.893461137	0.853196632	0.725165274	1	0.846693488	
0.865236468	1.004688401	0.614827935	1	1.084161038	1.379123827	
0.871192639	0.818751669	1	2.18090766	1.840938368	1.953345023	
2.188881326	1	2.520000751	2.343586374	2.675607952	2.355519358	
1.564614226	1.49387114	1.358948431	1.009462308	1.328777766	1	
1.837288843	0.917218882	1.196613066	0.692063782	0.933383676	1	
1.491845456	1.045785828	0.80237165	1.008182621	0.976793301	1.250391049	
YOR117W	YOR117W::RPT5::Probable 26S protease subunit and member of the CDC48/PAS1/SEC18 family of ATPases					1
1.006551076	1	1.601409906	1.48573257	1.044611012	1.18674567	
1.019645823	1.488617587	1.204535552	1.163489689	1	0.984488765	
0.741898996	0.918278261	0.966467196	1	1.039259109	0.803655278	
0.863012615	1	1.370956637	1.666844067	1.665730129	1.248514791	
1.284430693	1	1.080079685	0.872806753	2.375512169	0.836619456	
0.441266952	1	1.137483925	1.023441587	0.907019847	0.782306897	
0.479366747	1.133057482					
YOR131C	YOR131C::YOR131C::molecular_function unknown					1
1.06805306	0.826289766	1.143470751	1	0.815258245	0.861583183	
1.16640287	1.053210784	1	0.833735169	1.052856499	1.324816702	
1.001175111	1	0.596978594	0.835554275	1.197747662	1	
1.892555787	1.817859328	2.191177188	1.266143506	1	0.818910936	
1.442336665	0.863899707	0.672047348	1.134433277	1	1.972572534	
0.981138565	1.523088502	2.10688004	1.208174451	1	1.400667457	
1.207774774	1.102211305	1.502208077	1.243583519	1.103286232		
YOR133W	YOR133W::EFT1::translation elongation factor 2 (EF-2)					1
1.199638509	0.606336611	1.845767896	0.598131412	1	1.883674044	
1.630989465	0.73002938	0.947628392	1	1.19437376	0.925515054	
0.312362565	1.017912292	1	0.660581814	0.395696014	0.442883387	
0.258744324	1	0.32776998	0.154530865	0.295945076	1	
1.012821449	0.628171491	0.688833494	1.65054163	0.929384592	1	
0.589716986	0.257206593	0.488524588	0.443153834	0.123489277	1	
0.54565094	0.258299543	0.549266599	0.340544246	0.255512661	0.474588204	
YML121W	YML121W::GTR1::Involved in the function of the Pho84 phosphate transporter					1
1.049928623	1.392161139	1.307313194	1	0.943757424	0.972574346	
1.29610004	1.151673896	1	1.035669838	0.772599708	1.613724915	
1.151334444	2.462940398	0.949401905	1	0.971245075	1.040872594	
0.721996216	0.79269396	0.960852841	1.055279904	1.348464857		
1.145045118	1.089976572	1.554172941	1	1.051404061	1.251912774	
0.914998694	1.511196135	1.331681476	2.41234422			
YOR135C	YOR135C::YOR135C::molecular_function unknown					1
0.939910112	1.211712295	0.839238939	1	1.233553307	1.093583064	
0.674950321	1	1.02771724	0.981456517	0.748504148	0.792841276	
0.943923578	0.953613274	1.142392308	0.94031441	1	0.963554051	
0.380012246	1.309468695	1	0.950554567	0.987735388	1.97677584	
1.253121928	1.089359462	1	1.033877082	0.948398403	1.261830581	
2.650421548	0.322716021	1	0.915606717	0.598705969	1.245645311	
0.603598074	1.337169975	0.600678055				

YOR135C YOR135C::YOR135C::molecular_function unknown 1 1.380740329
1.190533592 1.427556603 0.826954528 1 1.293164847 1.408550566
0.972008421 0.781108963 1 1.176994228 1.277248878 0.960611278
0.91244366 1 1.045875232 0.79315363 1.476587361 1.054457047 1
1.080062398 0.503527085 1.084796859 1.459791397 1 0.729470716
0.789512104 1.810076321 0.88516968 1.041933571 1 1.023510652
0.556307892 1.495309341 1.733694467 1 1.310524573 0.869173781
1.609013151 0.893344337 1.459034858 0.707504217
YOR137C YOR137C::SIA1::Suppressor of eIF5A 1 0.950060043 0.955433435
1.271188874 1.00166616 1 1.122820368 1.137722413 0.839640945
0.939075974 1 1.140938536 1.176880277 0.989001845 1.104740827 1
1.601317624 1.329789442 1.037849665 1 1.4255383 1.980940709
1.576562057 1.128816294 1 1.167579855 1.258981804 1.19176308
1.104081709 1.151500949 1 0.918124446 0.705938387 1.27318354
1.331431467 0.694402607 1 1.290657567 1.085470832 1.335943938
1.779024001 0.849355305
YML123C "YML123C::PHO84::inorganic phosphate transporter, transmembrane
protein" 1 1.222169897 0.626090646 0.944819647 0.775299466 1
0.949210951 0.834919084 0.728437365 0.902402218 1 0.762992596
0.585243139 0.43070689 0.705225393 0.123785229 0.734465224
0.993061214 1.009469503 1 0.483252048 0.865771615 0.703519641
0.618601998 1 0.982667399 0.648886618 1.070489655 1.41222776
1.049028572 1 0.594958507 0.617683457 0.712535219 0.65218185
0.601265266 1 0.643434616 0.574704397 1.032219189 0.879113707
0.551451102 1.06651008
YOR139C YOR139C::YOR139C::molecular_function unknown 1 0.982586668
1.137189432 1.039057944 1.162597935 1 1.076782489
1.168300988 1 1.030474296 0.987345682 1.013517535 1.202712 1
0.691500558 0.681998311 1.067380426 1.10696687 1 1.077373409
1.66063144 1.29797287 0.572875788 1 1.135081999 1.049490705
1.169561391 1 0.667926359 0.641254847 1.075794161 1.024855481 1
0.828463443 0.530144372 1.064322405 0.500319732 1.224076764
YML126C YML126C::ERG13::involved in mevalonate synthesis 1
1.178548351 0.68082533 0.880398208 0.623145502 1 1.05082345
1.147621623 0.64981002 0.800422373 1 0.844547118 0.826970789
0.579559982 0.608468403 1 0.820467493 0.570458927 0.764129453
0.664028341 1 0.52336421 0.340492152 0.368908544 0.752097387 1
0.816980785 0.695767577 1.048023978 1.134751384 0.735610387 1
0.710229476 0.682959329 0.599932824 0.812074863 0.685356083 1
0.798649623 0.556703947 1.050049243 0.76730331 0.681378499 1.084022543
YML073C YML073C::RPL6A::Homology to rat L6 and human L6 1 1.134506838
1.314566786 0.776727595 1.702136322 1 1.019480529 0.909032155
1.167577601 1.174839562 1 0.740578919 0.723848794 0.72262806
0.817284269 1 0.832701296 0.368035905 0.232454769 0.565708999 1
1.188167621 1.13617745 0.553857613 0.804090981 1 1.1387373
0.946723738 0.785401733 1.052432867 1.147521466 1 1.382568709
1.388367009 1.20581011 0.762109614 1.959978906 1 1.099007391
1.262552862 0.852932255 1.77722712 0.852487069 1.625158097
YOR141C YOR141C::ARP8::actin-related protein 1 1.07977734
1.16908561 1.585769382 1.083960628 1 1.463448057 1.360195441
1.276793319 1 1.054141804 1.429881506 0.927466205 1.436818537 1
1.24465596 1.28810744 0.533804567 1 0.596999225 0.275357743
0.166166762 0.465193427 1 1.028652024 1.066234274 1.227921416
1.432257097 1.273712542 1 0.96757097 0.551373582 0.925502984
1.158136618 0.462698928 1 0.724197512 0.426098628 0.686703523
0.404541444 0.990897337 0.885255897

YML128C YML128C::MSC1::Meiotic Sister-Chromatid recombination 1
0.689635093 1.409837359 2.753580653 1.675402523 1 1.251293111
2.577963915 2.797643896 2.92734009 1 1.034335881 2.367328098
6.477526508 2.998379136 1 5.271401805 9.056551137 17.66184689
8.628092979 1 3.532534204 5.867252827 13.62111951 6.962342059 1
1.072524915 2.535769399 2.531432585 0.811208031 1.192316777 1
1.394829888 2.341605988 5.603355279 3.949677722 1.68291924 1
1.96225583 2.090379279 2.209878958 1.234212588 9.219139219 0.954430189
YOR155C YOR155C::YOR155C::molecular_function unknown 1 1.718001516
1.783635937 1.880058656 1.851573854 1 1.729805373 1.73303087
1.574565931 1 1.516448778 1.532810231 1.376470238 1.469648606 1
0.939255531 1.043888586 0.664431133 1 1.053195547
1 1.595705428 1.323777708 1.215813409 1.785623242 1
1.23903382 1.10775618 1.074941671 0.866367301 1.593541251 1
1.342240874 1.310724307 0.884836447 1.224401781 1.028943035 8.723842173
YOR155C YOR155C::YOR155C::molecular_function unknown 1 0.953172503
1.137694039 1.146056516 1.372802652 1 1.057686933 1.268305337
1.14030642 1.160105503 1 0.9724175 1.325415704 1.656361438
1.097629373 1 1.904954987 1.563515599 2.012403018 1.517453528 1
1.751051331 1.975057971 1.79395379 1.099169453 1 1.513900496
1.556271307 1.177608917 1.34009276 1 1.04954142 1.20198573
1.347687539 1.079618487 0.964315182 1 1.1561802 0.962539231
1.107855947 0.796426832 1.337191364 1.172460524
YDL022w YDL022w::GPD1::glycerol-3-phosphate dehydrogenase 1
1.002747693 1.228345303 0.822581527 0.662613732 1 1.328915258
1.833748046 0.529190819 1 1.669152698 1.84721166 1.987929479
0.781333223 1 8.612009453 6.273679275 8.555042563 5.477774541 1
3.15944586 2.766720826 3.145161975 2.065689774 1 1.520619584
1.880248975 1.557632086 1.02744028 1.133024946 1 1.491966858
1.250918039 2.273073549 0.901744308 0.59288726 1 2.026022152
1.107284891 1.110837715 0.92273375 1.530997257 1.026231372
YML130C "YML130C::ERO1::essential, FAD-dependent oxidase of protein
disulfide isomerase" 1 0.822597737 0.856152914 0.864012191 0.758043538 1
0.901443387 0.936266547 0.864928692 0.957418414 1 0.960727225
0.988443482 0.93965596 0.709202802 1 1.337413037 1.019773839
1.219729685 1.391080937 1 1.540207354 1.444709895 1.346705557
2.016139149 1 1.22827433 1.452843765 1.624562335 1.099377496
1.072736421 1 1.378507839 1.206381386 0.877735655 0.718849777
0.675415339 1 1.234480127 1.248069347 0.981918446 0.973396527
0.739004308 1.108540012
YOR157C YOR157C::PUP1::putative proteasome subunit 1 1.282970967
1.398672714 1.012493731 1.267273836 1 1.216769429 1.042629403
1.125112407 1 1.030208367 1.412380393 1.763085899 0.860265553 1
0.927060109 0.813134126 1.100614064 1.715571613 1 1.024993041
1.051835523 1.377263909 1.20554851 1 1.023258501 1.27039283
1.258300067 0.833656553 0.92018233 1 1.063072024 1.943956232
1.636637561 0.969699701 1.207265073 1 1.130833946 1.384397668
1.089432827 1.057548498 1.166304591 1.334451019
YDL024c YDL024c::DIA3::involved in invasive and pseudohyphal growth 1
1 1 1.299274632
1.979763483 2.613020612 1 0.781344095 1.097886097 1.780199454 1
0.833777556 1.358214505 0.818746004 0.646804681 1 1.386456395
1.362290939 1.186852847 1.746258566 1.437601384 1 0.90071744
0.511732587 0.821931675 1.192878745 0.517412368 1 0.626672914
0.487947331 0.81034166 0.450492127 0.912756746 0.491225055
YML132W "YML132W::COS3::Protein with strong similarity to subtelomerically-
encoded proteins such as Cos5p, Ybr302p, Cos3p, Cos1p, Cos4p, Cos8p, Cos6p,

Cos9p (COS3 and YBR302C code for identical proteins)" 1 1.246492097
 1.011513107 1.073322102 1.113630963 1 1.101297446 1.075507936
 1.04641698 1.089911812 1 1.085050324 1.083229648 1.259278566
 1.037175188 1 2.0280444 1.698646703 2.017950186 1.859694771 1
 1.606365272 1.556331548 2.112427801 2.031037956 1 1.261036698
 1.358121855 1.664624644 1.288482683 1.115850518 1 0.831950765
 1.048225024 1.23287121 0.778514899 0.744118876 1 1.229055173
 1.027777392 0.979069285 1.278981899 1.171306814 1.086649433
 YOR159C "YOR159C::SME1::Required for pre-mRNA splicing, cap modification and
 U1, U2, U4 and U5 snRNA stability" 1 1.987685623 1.833579983 2.011398491
 2.130689023 1 2.005863559 1.605374625 1.692035892 1.77414029 1
 1.624023255 1.606520522 1.586488648 1.565859967 1 0.846401515
 0.428210778 1 0.979248878 0.900712144 1
 0.863434498 0.755115771 0.708604295 0.914024517 0.976636141 1
 1.194073865 1.358191605 1.322933266 1.068482756 1.253885465 1
 1.560890598 1.653475978 0.710662615 4.252905658
 YDL038c YDL038c::YDL038C::molecular_function unknown 1 0.629256504
 0.357768445 0.67960351 0.480697355 1 0.59213048 0.596216755
 0.655004706 1 1.478513245 0.518330971 0.348843946 0.577326937 1
 0.900402089 1.335591774 0.976894186 1 0.7597768 0.995336324
 0.887268909 0.642704395 1 1.327861114 1.055356286 1.003001483
 1.190644724 1.114273742 0.935732219 1.016843907 0.822100997
 0.660970081 1 0.896322133 0.828584101 0.875424527 0.7849899
 0.842831614 0.720638564
 YMR015C YMR015C::ERG5::cytochrome P450 involved in C-22 denaturation of the
 ergosterol side-chain 1 0.958330301 0.605280217 0.792652124 0.623286508 1
 0.938084183 0.814069255 0.642902459 1 0.702503862 0.620024308
 0.475241293 0.427660184 1 0.934592176 0.578421389 0.95088353
 1.193536315 1 0.861126431 0.560986074 0.868824405 1.346191102 1
 0.369003526 0.296962434 1.083127108 1.247301892 0.709881436 1
 0.210719577 0.183872535 0.244458858 1.482562393 1.087939436 1
 0.272351652 0.261351393 1.256334209 0.808618729 0.795608627 0.806449707
 YDL040C "YDL040C::NAT1::Required for entry into stationary phase, heat
 shock-resistance, a mating-type functions, and sporulation; forms a complex with
 Ard1p" 1 0.685604163 0.715457379 0.983286609 0.721799029 1
 0.8954658 0.943973077 0.712333692 0.663268459 1 0.763914651
 0.798544503 0.478361897 0.837604726 1 0.920189662 0.621618382
 0.791923863 0.573259853 1 0.820878137 0.658146119 0.639737188
 0.640550621 1 0.928947041 0.913993043 1.047494429 1.026926046
 0.99402106 1 0.905538772 0.563758104 0.910837031 0.892940153
 0.420767558 1 0.747329073 0.58974951 0.93967633 0.756949461
 0.651919213 0.651464271
 YMR017W YMR017W::SPO20::DBF2 Interacting Protein; SNAP 25 homolog
 1 0.591434341 1.436090861 1.11648124 1 0.725743694
 1.581654654 1.758082593 0.842880127 1 1.239237765 1.440262646
 1.273031938 1.431426285 1.473896697 1 0.687533432
 1 0.619633099 0.594977269 -0.156095672 0.923025657
 0.346747102
 YDL042C "YDL042C::SIR2::regulator of silencing at HML, HMR, telomeres, and
 rDNA" 1 0.721413659 0.675976932 0.767410624 0.800256816 1 0.789907685
 0.701856765 0.706134938 1 0.58145446 0.500646056 0.495560127
 0.73452301 1 0.703534001 0.576076186 0.678920529 1
 0.564624423 0.931438111 0.70887543 0.839475539 1 1.061923251
 0.915480183 0.887805181 0.977416945 1.108236332 1 0.906264669
 0.691061489 0.859913844 0.705941442 0.792904711 1 0.846249054
 0.72656289 0.954181283 0.989922335 0.707218369 0.711882332

YMR019W YMR019W::STB4::binds Sin3p in two-hybrid assay 1 0.858042225
0.662494153 0.868064173 1 0.789252367 1.040107385 0.640474385
0.632933985 1 1.009300082 0.832247197 1.00019759
0.654293356 0.627253203 0.898070243 1 0.612716893
1 0.844472237 0.796542597 0.804842416 0.908155056 0.925712199 1
0.963906032 0.712558101 0.803358286 0.915548478 0.727137262 1
1.020762825 0.89647612 1.193639418 0.654404959 1.092413104 0.852857756
YDL044c YDL044c::MTF2::Necessary for the stability and/or processing of some
large mitochondrial transcripts 1 0.781530841 0.990596946 0.978024902
1.188763985 1 0.84931263 0.872528314 0.970483586 0.969866425 1
0.966105283 0.893230049 1.032493435 1 1.026977699 1.017633116
1.301237074 1.139813815 1 0.987283566 1.458231565 1.310433081
1.165227513 1.702619433
0.757414768
YMR021C YMR021C::MAC1::metal-binding transcriptional activator 1
0.772783358 0.717532489 0.848222799 1 0.766788098 0.751143846
0.854266869 0.914990065 1 0.745871987 0.716437394 0.964873655
0.768443341 1 0.544858407 0.304888734 0.421004201 1.100584419 1
1.851826699 1.75726163 1.993333564 1 0.928480194 0.767102094
0.874927787 0.986926187 1 1.032341448 0.858486945 1.018033222
1.086930957 1 0.847237741 0.94099036 1.009200646 0.824140613
0.895250574 0.79331536
YDL046w YDL046w::YDL046W::molecular_function unknown 1 1.211629383
1.320908186 1.072823477 1.207655799 1 1.175742926 1.103571027
1.137635784 1.268911863 1 1.456087617 1.653566408 2.25902116
1.207680471 1 1.99225533 1.857605729 1.297437063 1
1.205755539 1.820779868 1.7144502 0.86135843 1 1.340772139
0.886652629 1.946028937 1
1.178575765 0.81195496 1.091278955 0.927285829
YDL048c YDL048c::STP4::Involved in pre-tRNA splicing and in uptake of
branched-chain amino acids 1 0.874628941 0.885283519 1.034835834
0.876392108 1 1.058995934 1.119861425 0.832309036 1.027483772 1
0.92809823 1.503815071 1.759963015 1.667084294 1 1.907457937
1.014897152 2.155302584 1.44294866 1 1.027977111 1.5590595
1.380832397 1.085062868
0.752122033
1.203107335
YDL062w YDL062w::YDL062W::molecular_function unknown 1 0.698852289
0.397535525 0.969929043 1 0.814292485 0.694768981 0.482516642
0.694301753 1 0.357571733 0.270672454 0.295971944 0.846006272 1
0.29719323 0.418428945 1 0.431005192 0.668476249
0.630993476 1.188143375 1.064571438 0.88797719 1
0.901391063 0.598053874 0.828802188 1.137442696 0.61133396
0.780621585 0.991502975 1.3607117 0.750705612 0.734091711
YDL064w YDL064w::UBC9::Conjugates Smt3p to proteins 1 1.052611464
1.24412867 0.824246435 1.223173273 1 0.957986021 1.003067876
1.103196199 1.22087136 1 0.946281293 0.925544255 1.218373707
0.93141671 1 1.050895767 0.543568202 0.681085198 0.961225809 1
1.059909652 1.292593648 1.158194062 0.719354604 1 1.018003162
0.824797267 0.751842219 0.832810422 0.882769645 1
0.724688636 0.716395948 0.681721323 1 0.972702143 0.946992935
1.065766035 0.877260625 1.253017939
YOR161C YOR161C::YOR161C::molecular_function unknown 1 1.116001344
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1.09003211 1 1.286845059 1.587525062 1.607246161 1.051140141 1
4.011482202 4.617617892 1.45317859 1 1.848683807 1.131416186
1.197767922 1.32163658 1 1.119171529 1.144584131 1.365130332

1.164371924 0.838299431 1 0.784877537 0.545238793 1.262109449
0.508956444 0.425188913 1 1.11786082 0.545535241 0.858097768
0.780671803 1.425066226 0.711006668
YOR163W YOR163W::DDP1::Diadenosine and Diphosphoinositol Polyphosphate
Phosphohydrolase 0.959172554 1.019242088 0.92694303 0.976032072
0.824884868 1.114308207 0.689621536 0.893952973
0.867384232 1
1.411053254 1.443409695 1.159846935 1.043476924 1.450339603 1
1.209490356 1.36124141 1.046286602 1.095281048 1.484410875 1
0.918251368 1.178781302 1.24837893 1.011707438 1.222371128
YOR163W YOR163W::DDP1::Diadenosine and Diphosphoinositol Polyphosphate
Phosphohydrolase 1 0.976216735 1.271435413 0.846452594 1.805779256 1
0.913739944 0.859418923 1.424147985 1.25156873 1 0.79702815
1.085538675 1.599071191 1.025106207 1 1.056923162 0.73548929
0.921235073 1.233297485 1 1.690250853 2.303943506 3.196917514
1.336078823 1 1.19481219 1.105399977 1.607222392 1.196353601
1.083676949 1 1.313514701 1.358649657 0.916139021 0.902299755
1.107602027 1 0.763683001 0.960970543 0.703139468 0.884043275
0.733118014
YOR165W YOR165W::SEY1::Synthetic Enhancement with YOP1 1 1.011951331
0.924986105 1.326994601 1.128297848 1 1.260661617 1.242417384
1.016640932 0.997096871 1 1.092791445 0.93721436 0.515216272 1
0.852529795 0.717704871 0.472604451 0.665955013 1 1.5001653
0.584628445 0.777743205 1.18608788 1 1.010001156 0.990037438
1.032281818 1.1288081 1.020053226 1 1.018604446 0.70410043
0.860022611 0.845956909 0.673412132 1 1.023571719 0.838897757
0.949304091 0.974685903 1.055213225 0.733772912
YOR179C YOR179C::YOR179C::molecular_function unknown 1 1.151721665
1.291839459 1.2275228 1.527947564 1 1.140685754 1.2340754
1.48866717 1.489373408 1 1.109772319 1.249953755 1.05034389
1.168844172 0.762256409 0.794747994 0.673517142 0.946205744 1
1.089235473 1.158485732 0.792624198 0.64498119 1 1.07256894
0.861804613 0.995870989 1 1.123556012 1.088132051 1.047142574
1.114712266 1.264301514 0.87834135 0.827441316 0.952640775
1.05525683 1.173336189
YMR023C YMR023C::MSS1::May play a part in mitochondrial translation 1
0.708127302 0.846614193 0.92886242 1.020301872 1 0.645088777
0.794805117 1.357071646 1.131872852 1 1.014559603 1.106182486
0.906591606 0.755990395 1 0.925214459 0.689885324 1.314200619 1
1.967139747 3.08549029 2.546615709 2.559651613 1 0.997291704
1.036916427 1.071027602 0.916692771 1.053526541 1 0.771275865
1.053960107 1.479732669 1.448883009 1 1.183783879 1.099241539
1.291878433 0.877339007 1.768505917 1.145316164
YOR181W "YOR181W::LAS17::Homolog of human WASP, proline-rich protein" 1
0.801179566 0.771819359 0.698107785 0.59518391 1 0.945534982
1.015750284 0.59425693 0.647442019 1 1.332081762 0.970009943
0.550591245 1 1.80285232 1.449275085 1 0.968642163
1 1.019771052 0.985668732 0.839448614 0.885575513 1
0.991854305 0.708381842 0.861826657 0.869207073 0.612260145 1
0.92783845 0.717839122 1.015219213 0.763344993 0.73902664
YMR025W YMR025W::CSI1::COP9 signalosome interactor 1 0.788365581
0.95630906 0.862571207 1.243816094 1 0.726683029 0.848325037
1.201936955 1.120579533 1 0.840019222 1.268727345 2.260584804
0.856868626 1 0.884472734 2.100720161 0.669535117 1.286170116 1
1.610794305 2.130495391 1.895865756 1.286336522 1 1.024182376
1.055470231 0.686383984 0.678260082 1.236386823 1 1.024275062

	1.576227584	1.78586709	2.117354811	1	1.135414648	1.181076074		
	2.075918055	1.305555433						
YOR183W	YOR183W::FYV12::Function required for Yeast Viability on toxin exposure							
exposure	1	1.167230436	1.522430511	1.480027652	1.64777198	1		
	1.254342224	1.439360705	1.327990038	1.667302979	1	1.137602445		
	1.421771273	1.282683865	1.3446784	1		0.99468169		
	0.355070943	0.585946744	0.291981618	1	1.004588046	0.908046231		
	0.650239194	0.913906976	1.080200203	1	0.991842742	1.268813145		
	0.933161342	0.770558231	1.728582391	1	0.977674955	1.257705781		
	1.004067075	2.169888478	1.169563842	1.180341195				
YMR040W	YMR040W::YMR040W::molecular_function unknown							
	1.390252049	1.235181552	2.063025496	1	1.175971707	1.232307406		
	1.87947854	1.817823265	1	1.41128009	1.563435611	0.825135693		
	2.503946473	1	2.048738714	4.037545619	2.143465747	3.204738488	1	
	1.444072384	2.817772832	1.412127437	1	0.908440515	1.061288213		
	0.569767017	0.655780545	1.01125329	1	1.138084986	1.658443247		
	2.138498522	1.768064434	2.302440959	1	1.125905185	1.268970544		
	1.099871383	1.55614871	1.119047469					
YOR185C	"YOR185C::GSP2::maintenance of nuclear organization; homologous to mammalian Ran, a small nuclear GTPase of the ras superfamily"							
	1.262149953	1.501587501	1.044713689	1.61282934	1	1.14838125		
	1.414010459	1.290563609	1.463318264	1	1.075174084	1.634591987		
	2.753579502	1.078480275	1	1.48668729	1.113378155	1.981409214		
	2.619780959	1	1.235398744	1.634110847	2.314872365	1.607986356	1	
	1.235731807	1.781443597	1.934523778	1.47074356	1.426678219	1		
	0.909430945	1.792927575	2.008156792	1.803945025	1.196386249	1		
	1.237451512	1.572806005	1.361394242	1.493539706				
YMR042W	YMR042W::ARG80::Regulator of arginine-responsive genes with ARG81 and ARG82							
	1.154947235	0.912193217	1.276922687	0.519832557				
	0.92499619	0.953395544	0.926161021	1.019718415		0.947626768		
	0.995311681	0.980426858	0.80864489	1	0.485940523	0.085421104		
	1.151873598	0.367788814	1	0.480271555	0.211146704	0.398151	1	
	1.101469064	1.193796483	1.318444107	1.607908225	1.922893394	1		
	0.753168392	0.398608455	0.585631926	0.942685056	0.360935503	1		
	0.698254223	0.367473931	0.848537716	0.311780574	0.727827505	0.380020803		
YOR187W	"YOR187W::TUF1::Translation elongation factor Tu, mitochondrial"							
	0.940945458	0.929403316	1.297979015	0.852821685	1	1.194256262		
	0.946509804	1.112817312	1	0.940117284	0.937895997	0.81778756		
	0.872152502	1	1.310464178	1.193230817	1.058452984	1.155323404	1	
	0.988762645	0.603356384	0.615427633	0.942593987	1	1.14877552		
	1.041023656	1.210532327	1.154336395	1.133022163	1	1.155000223		
	0.773830203	0.917207387	0.519559721	0.449352326	1	1.244943353		
	0.645871684	0.781786332	0.67322901	1.227558415	0.686489198			
YMR044W	YMR044W::IOC4::Iswi One Complex							
	0.78046005	1	0.76907774	0.817723397	0.996405138	0.897221975	1	
	0.756755966	0.855195232	0.748459434	0.954570879	1	0.738306873		
	0.646761882	1.099333823	0.983572848	1	0.966736402	1.290415893		
	1.091790351	0.730031151	1	1.040962609	1.069821413	1.068327797		
	1.209688031	1.305305732	1	0.954377049	0.955042782	0.738162878		
	0.7823958	0.834437411	1	0.683105432	0.999552189	0.857206966		
	0.487100237	0.844965653	0.810827823					
YOR189W	YOR189W::IES4::Ino Eighty Subunit 4							
	0.936913249	1.849346706	1	0.956778807	1.784999172	1.561963547	1	
	0.920993347	1.281654701	1.495126105	1.361864064	1	0.943094113		
	0.787265716	0.660062142	1.486811797	1	1.745370336	2.254300136		
	1.891345394	0.989004293	1	0.991989786	1.306219661	0.696436546		
	0.598997321	0.958697741	1	0.976973202	1.570618185	1.675509422		

1.545428573 2.039789296 1 1.168022511 1.424214524 1.348508894
1.836736895 1.995795352 1.369475945
YMR047C YMR047C::NUP116::Involved in nucleocytoplasmic transport; may be
required for biogenesis of tRNA 1 0.728109701 0.762547006 1.033493721
0.550717571 1 1.094039504 1.143345581 0.735583801 1
1.077863847 0.962803329 0.464130939 0.836211544 1 0.77476044
0.468011456 0.586888007 0.634439067 1 0.930044643 0.77046546
0.660174495 0.547343264 1 0.868565533 0.870559951 0.860053812
0.879690782 0.955336832 1 0.978067223 0.676667978 0.709854916
0.810474629 0.57736819 1 1.054204368 0.860041755 0.742213142
0.921583949 0.836235021 0.719762951
YOR203W YOR203W::YOR203W::molecular_function unknown 1 1.883228072
2.183200938 1.096961737 1.791737262 1 1.230628033 1.674923576
1.484567042 1 2.206582413 2.566976114 1.608755829 0.932100292 1
0.386697054 0.20130334 0.159650389 0.284603822 1 2.076897844
4.437909682 1.695228114 0.874662652 1 0.795415901 0.776471337
0.391418072 0.583253278 0.717200907 1 1.008500692 1.196332794
0.82211339 0.658257617 2.069977736 0.969243411 0.877373159
0.742396005 1.445917656 1.487006324 1.290669756
YMR049C YMR049C::ERB1::Eukaryotic Ribosome Biogenesis 1 1.028912391
0.78482345 0.863080399 0.829953785 1 0.851840172 0.870333542
0.936247788 1.003405912 1 0.764069799 0.512982022 0.430156808
0.975605701 1 0.410073665 0.236977856 0.328734304 0.509277975 1
0.465982364 0.319508755 0.257933534 0.334989736 1 0.807781978
0.392631688 0.670597774 1.171036691 0.772820611 1 0.851692078
0.501747365 0.370661047 0.887279476 0.855188663 1 0.598651504
0.511058611 0.900992083 0.955881725 0.379379952 0.699623598
YMR052W YMR052W::FAR3::Required for arrest in G1 in response to pheromone 1
0.908709636 1.414997749 1.026276077 1.947435459 1 0.982739178
1.242681854 1.524035207 1 1.121629402 1.184786994 1.778833454
1.371667991 1 0.757865106 0.593929628 0.733419405 0.961729828 1
1.61562823 2.230915357 1.92672278 1 0.98537719 1.547172837
1.012383929 0.796908536 1.048645209 1 1.328569078 1.758782405
1.543115025 1.734939317 1.906722586 1 1.255678841 1.498689063
1.478371188 1.414132768
YMR068W YMR068W::AVO2::Adheres voraciously (to TOR2) 1 0.893621265
1.153737342 1.144194932 0.876553682 1 0.976333709 1.194218663
0.98249819 0.955512115 1 1.080621706 1.23824129 1.351762155
1.077112305 1 1.127870786 0.85068012 1.161628286 1.488120865 1
1.220246727 2.09238935 2.097693119 1.437743133 1 1.18948496
1.176572744 1.48948872 0.964746672 1.025540836 1 1.238093228
1.074574015 0.959497106 1.25086982 0.901938865 1 0.951129659
1.157150834 0.99549477 1.131002001 0.810827823
YMR070W YMR070W::MOT3::High Copy Suppressor of MOT1-SPT3 synthetic lethality.
May have a role in the regulation of membrane-related genes. 1
0.636211371 0.820057112 0.719060676 0.744902174 1 0.76345696
0.892156445 0.64886557 0.54560585 1 0.713422685 0.724757435
0.78840535 0.563843173 1 0.79949789 0.713296417 0.701557551
0.69573891 1 0.938291173 1.377832431 1.093355313 1.579823081 1
0.542641401 0.524560822 0.687503674 0.518234144 1.08761214 1
0.887723656 0.804955501 0.657408521 1.10672477 1.21982809 1
0.670554043 1.057210298 1.237725611 1.249508788 1.181022452 0.985952665
YOR205C YOR205C::YOR205C::molecular_function unknown 1 0.909870183
0.949334861 1.437241854 1.37101863 1 1.146021256 0.908538133
0.87221621 1.258101945 1 0.783276509 0.823704529 0.788105187
1.065667513 1 0.488778476 0.366140377 0.576240357 0.802685226
0.570441841 0.702241555 0.563367034 0.892536992 1 0.728614301

0.759902015 0.791862 0.750315895 0.845350535 1 0.848641249
 0.86777459 0.931552323 0.840580711 1 0.808816816 0.842335809
 1.048597867 0.920005028 0.908255098 0.753912265
 YOR207C YOR207C::RET1::second-largest subunit of RNA polymerase III 1
 1.481637226 1.056474057 1.585003559 1.208855025 1 1.372993019
 1.319979483 0.920316389 1.06747317 1 1.308347848 1.219466266
 1.542362629 1.874997108 1 0.422941432 0.360655075 1
 0.318845298 0.895102809 1 0.92019642 0.568295304
 0.841632729 1.054317708 0.879619798 1 1.007798053 0.4456193
 0.571837843 0.778813141 0.405456126 1 0.783811307 0.561087451
 0.703236663 0.718754788 0.467205164 0.57440936
 YOR209C YOR209C::NPT1::homology to bacterial nicotinate phosphoribosyl
 transferase; NAD(+) salvage pathway 1 1.067380239 0.948344332 1.131235976
 1.13322163 1 1.105918552 1.096469497 1.214391949 1.045890976 1
 0.855568371 0.948646524 0.643103286 1.04615004 1 0.994604728
 0.830844018 0.691685735 1.029750592 1 1.075778756 0.545181899
 0.722237795 0.907937869 1 0.955581454 1.1383872 1.187805367
 1.027738485 0.985027135 1 1.135655986 1.196596611 1.047616669
 0.950545841 1.007487507 1 0.857065702 0.966430371 0.927943681
 1.073494768 0.925301774 0.867743381
 YOR211C YOR211C::MGM1::involved in the propagation of functional
 mitochondria yeast 1 1.164365235 1.210211945 1.475266563 1.51689378 1
 1.504968809 1.418874199 1 1.023047439 1.150125655
 1.247393977 0.484105245
 1 1.214652254 1.297814379 1.31646212 1.124954671 1.084337182 1
 1.148566581 1.242335052 1.047672308 1.070207411 1.082068177 1
 1.096216826 1.255654417 1.128692941 1.173505526 1.019307288 1.196102433
 YMR072W "YMR072W::ABF2::HMG-1 homolog, mitochondrial" 1 1.412444866
 1.512544034 1.218166374 2.310313291 1 1.194874711 1.645167749
 1.748861813 1 1.174403961 1.396355089 1.866584137 1.573178236 1
 1.257608011 1.030051139 0.717340252 1.050507815 1 1.709730528
 1.729244716 2.206340407 1.358402445 1 0.917266111 1.064469754
 0.784169946 0.818577687 0.902547932 1 1.385841507 2.121046294
 1.507471494 1.304707087 2.683518836 1 1.290590464 1.985990367
 1.107772182 2.3811361 1.574656247 1.319565341
 YOR213C "YOR213C::SAS5::Involved in silencing at telomeres, HML and HMR" 1
 1.077323503 0.885830743 1.055566545 1.063344758 1 0.973279371
 0.8378838 0.984211919 1.131229338 1 0.823141562 0.831217269
 0.777947531 0.910476911 1 0.957767237 0.811331061 0.771668957
 1.068998961 1 1.060576488 0.959565722 0.582131679 0.726824411 1
 0.904061495 0.937541197 0.969856485 0.969831816 0.922052828 1
 0.905038211 0.843112442 0.884433574 0.970214232 1.016667926 1
 0.907202879 0.940189077 1.020610345 1.110817409 1.030772219 1.109415573
 YMR074C YMR074C::YMR074C::molecular_function unknown 1 1.278332302
 2.000544539 1.286201056 2.507654806 1 1.123502345 1.221081969
 2.651387596 2.044526671 1 1.087757981 1.552931503 2.402809494
 1.595649376 1 1.14950217 0.856962721 0.931040482 2.044945839 1
 2.051900433 3.008790202 3.362120946 2.096187456 1 0.791507706
 0.896408881 0.628850265 0.634336614 0.867769962 1 1.046167905
 1.756635171 1.319946924 1.490942968 2.548966995 1 1.100268209
 1.683443913 1.186970709 2.084704483 1.273886784 1.757377341
 YOR227W YOR227W::YOR227W::molecular_function unknown 1 0.91507676
 0.866373898 0.761019171 1 1.181206064 1.447034672 0.768615861
 0.681243577 1 1.462345337 1.356275094 0.886722765 0.892972909 1
 2.252737394 1.966280917 2.105326476 0.833690597 1 1.921716125
 1.463125043 0.96320322 1.283758779 1 1.274721766 1.684893796
 1.621440472 1.372479167 1.02939434 1 1.449292872 1.181170635

1.544081475 1.23995772 0.575780756 1 1.294023034 1.24987166
1.141034666 0.876909277 1.173718424 0.731146021
YMR076C YMR076C::PDS5::Precocious Dissociation of Sister chromatids
0.933315566 0.796033783 1.130445648 1.052391722 1.018222273
1.008314657 0.831386451 0.787277693 0.715016691 0.620508567
1.229610225 1 0.807520934 0.802041496 0.674052689
0.583790959 1 0.855405379 0.733283044 0.971207075 0.757198422
0.985022851 1 1.046010474 1.314674581 1.111965648 1.576641283
1.174317059 1 1.086646223 1.397397625 1.527728727 1.068293968
1.019121066 1.185594872
YOR229W YOR229W::WTM2::WD repeat containing transcriptional modulator 2 1
0.927480713 0.950299667 0.812313441 0.95560079 1 0.896306454
0.776132446 0.931671589 0.993247549 1 0.831087527 0.741002122
0.952915436 0.838916229 1 0.948309032 0.691904419 0.779943851
0.873926372 1 1.348445181 2.031533396 1.039983359 1.006429794 1
0.897715743 0.900038888 1.087857543 1.250248959 1.116674106 1
0.911903845 0.822524269 0.952275638 1.133658962 0.86013279 1
0.916770503 0.92579118 1.240713415 1.225810346 0.939606846 0.817832829
YMR078C YMR078C::CTF18::Chromosome transmission 1.06136938
0.758452798 0.809607384 0.915310347 0.854541193 0.817512639
0.940420738 0.611255459 0.533089377 0.883048088
1 1.016679205 0.935931386
1.224166511 1.274746175 1.25807089 1 1.006911048 0.941169358
1.030761918 1.032894607 1 0.749599913 1.238787985 0.777698007
1.196605202 0.569396776 3.502496
YOR231W YOR231W::MKK1::Mitogen-activated kinase-kinase involved in protein
kinase C pathway 1 0.666260411 0.552276801 0.829278239 0.489749349 1
0.8891128 0.877098476 0.517744949 1 0.845805808 0.802973174
0.506198084 0.607558633 1.542196361 1.161365447 1.461080391
0.992965882 1 0.950955645 1.642213614 1 0.9589121
0.987004301 1.148955531 1.004177187 1.027913065 1 0.987807282
0.7635058 0.996751381 0.940985097 0.879603479 1 0.857486282
0.802508119 1.000723345 0.716377391 0.893896261 0.76879789
YMR095C "YMR095C::SNO1::SNZ1 proximal ORF, stationary phase induced gene" 1
0.947242474 0.733013721 0.902436254 0.50259075 1 0.784882149
0.615882609 0.659023385 1 0.897766135 1.75706598 1.336775429
1.027087007 0.451397273 0.723008822
1 0.8235391 1.113914002 1.22776462 1.086324368 1
0.438967639 1.256742488 0.947553634 1 0.656489417 0.566664267
0.880098273 1.033338211
YOR233W YOR233W::KIN4::protein kinase 0.901302076 0.872334557
1.106964551 1.121898501 1.076414381 0.911586271 1.074235522
0.822241002 0.679054335 0.689453909 1.118984434 1 0.519389213
0.355358065 1 0.72872711 0.837694322 1
0.905925954 0.80746609 0.861961986 1.048604387 0.976163495 1
0.933355554 0.797354641 0.682953565 0.775242453 0.767750498 1
0.898656317 0.901070367 0.870191769 1.181252714 0.801932028 0.707504217
YMR097C YMR097C::MTG1::Hypothetical ORF 0.948090967 1.013548004
0.912407119 0.910441177 0.784551746 0.818294595 1.090458558
1.004850073 1.047694229 1.659557979 1.842828608 1.006400689 1
0.932766141 0.663087513 0.894293677 1.354512879 1 2.941393359
4.044058097 4.221505322 2.507392064 1 0.998266853 1.073439303
0.760170637 1.193856073 1 0.902737779 1.30887847 1.395257813
1.092559807 1.21539101 0.83857166 1.179817252 0.859177385
0.804657803 0.90349748 1.217993012
YOR235W YOR235W::YOR235W::molecular_function unknown 1 1.432632357
1.976895184 1 1.56345118 1 1.006617784

1.260696005	1.570846529	1.699111701	1	0.622753015	0.342540954
0.38007952	0.458600848	1	1.17277382	0.791333238	0.65059658
0.701452705	0.984908215				1
1.007878966		1	0.709049011	0.951756509	
0.361494237					
YMR099C	YMR099C::YMR099C::molecular_function	unknown	1	1.520942736	
1.361107168	1.293406053	1.794296292	1	1.2356208	1.261745437
1.534782326	1.673428523	1	1.124182808	1.386187485	1.610092696
1.74884717	1	1.161105598	0.933619475	1.161182029	1.324080102
1.398060874	1.17752656	1.943557948	1.406227888	1	1.040460884
1.247904256	1.395693985	1.025304649	0.853185053	1	1.199206471
1.461771514	1.460058559	1.162095347	1.289291563	1	1.102791577
1.589468595	1.150012679	1.023896169	1.011085705	1.573496372	
YMR101C	YMR101C::SRT1::cis-prenyltransferase	involved in dolichol synthesis			
					1
1.319768363	1.636458226	1.801211608	1.200287031	1	1.832154052
3.008128352	3.406255782	3.070524687	1	1.414427936	2.56631939
2.085400072	1.596117605	1.384361518			
YMR103C	YMR103C::YMR103C::molecular_function	unknown	1	1.050940489	
1.033655403	0.623627611	1	1.017009694		0.995640857
1.408032233	1.278223185	2.461890434	0.939536616	1	1.792742954
1.205146618	1.811530492	1.720712991	1	2.410929741	2.720960358
2.467383754	1.408921119	1	1.103815917	1.01291954	1.008736693
1.15763027	1	1.373030344	1.002625371	1.467734061	1.298544884
1.093512566	1	0.831627042	0.863437366	0.823403986	0.554271699
0.950016041	0.990330781				
YMR105C	YMR105C::PGM2::Phosphoglucomutase	1	0.738524767	1.294299837	
1.247778407	0.594745004	1	1.393169519	2.465583638	0.920922241
0.821310734	1	1.118844942	2.291255151	4.402464243	1.049645571
13.78263561	2.983863439	20.78804025	5.828430792	1	6.176625511
3.058908102	6.479937646	3.883020939	1	1.32171494	2.412085468
4.533544914	1.138293531	1.582284886	1	1.510047238	2.162610155
5.941819062	3.534772502	1.385821264	1	3.087866759	3.151809987
2.260710506	1.634861233	7.683129871	1.306430994		
YGR054W	YGR054W::YGR054W::molecular_function	unknown	1		
0.789990681	1.382089027	0.909781219	1	1.334207149	1.456946169
0.732074315	0.947594064	1	1.064097629	0.946438302	0.676511245
0.879970274	1	0.947301439	0.799642181	0.914665691	0.688921735
0.477508541	0.302123604	0.281352349	0.465877952	1	0.786825521
0.658940024	0.795782268	0.878313338	0.623222917	1	0.729317785
0.52356987	0.405737483	0.598289259	0.355512881	1	0.764755644
0.644072074	0.720465534	0.550821741	0.57857956	0.420299511	
YGR056W	"YGR056W::RSC1::RSC1 is a member of RSC complex, which remodels the structure of chromatin"		1.007192789	0.987355188	1.140508899
1.095708805	1.145612407	0.805587814	0.669074067		1.040460387
1.208970538	0.681273983	0.885985017	1	0.905691819	0.953783919
0.551894679	1			1	0.732126414
0.711978657	0.719582615	0.946423978	1	0.948230985	0.839461323
0.619493143	0.914504351	0.687474304	1	0.912738395	0.774062843
1.016318351	0.743758548	1.053110116			
YGR070W	YGR070W::ROM1::Gdp-GTP Exchange Protein (GEP) for the Rho1p Small GTP-binding Protein	1	1.245212059	2.428411903	5.10201091
1.305643097	1.172108336	4.767342898	1	1.390750264	1.335379637
1.888068307	3.376886613	1	0.726430842	0.480598062	0.660955709
0.932617845	1	0.547272507	0.318704773	0.38519843	0.651785958
1.448289848	1.37735111	1.24557226	1.086301964	1.341660473	1

1.374620955 1.093610358 1.087558544 1.365789572 0.854743794 1
1.701129983 1.390523423 1.246132057 1.579394241 1.074390646
YGR072W YGR072W::UPF3::factor stimulating decay of mRNAs containing
premature stop codons; acts with Nmd2p and Nam7p 1 1.219611315
1.224390522 1.357283328 1.474900416 1 1.143819883 1.12148939
1.286682228 1.308064053 1 1.036980062 1.184150646 1.3017654
1.241331976 1 0.829228459 0.806915471 0.757872744
0.996333099 0.920771908 0.592488048 1 0.713701872 0.750489497
0.566802243 0.569621023 0.967859057 1 1.043242142 0.859150807
1.529583769 1.58328044 1 1.106439174 1.016064482 0.993755081
1.048478238 1.498198119 0.713633558
YGR074W "YGR074W::SMD1::Homolog of human core snRNP protein D1, involved in
snRNA maturation" 1 1.409448005 1.539985159 1.262870276 1.658518903 1
1.197429891 1.158403729 1.773525369 1.571483878 1 1.181349249
1.217220721 1.412560075 1.350749255 1 1.174023676 0.919404795
0.867669377 1.097821796 1 1.182798107 1.212601866 1.241037446
1.220607834 1 1.054143124 1.050024524 0.869168885 0.910906792
0.933773403 1 0.77012344 1.393657456 0.786993865 0.947641426
1.117673231 1 1.450237208 1.247079037 1.167647026 1.401309623
1.429985508 1.365097829
YGR076C YGR076C::MRPL25::Mitochondrial ribosomal protein MRPL25 (YmL25) 1
1.240930746 1.587861614 1.38953727 1.723760031 1 1.202058822
1.341189772 2.163058522 1.599613172 1 1.32754453 1.582263044
2.20943875 1.466122846 1 1.576125747 1.963072737 1.066062933
1.709590367 1 1.700530939 2.261862341 1.178822164 1
0.981602077 1.155195922 0.714363973 0.732786079 0.979265603 1
1.12995527 1.861954463 1.413041675 1.506111836 2.218331848 1
1.661035746 1.775236504 1.157519768 1.48984297 2.341931322 1.619904421
YGR078C "YGR078C::PAC10::Polypeptide 3 of a Yeast Non-native Actin Binding
Complex, homolog of a component of the bovine NABC complex" 1 0.993938527
1.294000044 0.895509293 1.117547701 1 1.069568828 1.206219769
1.29946545 1.179773412 1 0.872462089 0.975801869 1.127518746
0.990173679 1 0.589010609 0.770019905 1 0.834053628
0.918307529 0.42956891 0.874235417 1 0.953781017 1.066236791
0.800316708 0.995582138 0.775619774 1 0.984158466 0.924740866
0.618513829 1.176682583 1.118716767 1 0.657915041 0.751119346
0.848623114 0.859724089 0.717058734 0.872121497
YGR080W "YGR080W::TWF1::Twinfilin A is a member of a conserved family of
actin monomer sequestering proteins. TWF1 is comprised almost entirely of two
tandem repeats, each having sequence homology with cofilin (COF1)." 1
1.040385929 1.353837175 1.091753296 1.205166636 1 1.197779347
1.188466614 1.345018003 1.103633462 1 1.085207543 1.385276169
1.398801444 1.243104796 1 1.643207905 1.402519214 1.300487145
1.836851162 1 1.368875395 1.226952213 1.311858291 1.154478204 1
1.053581566 1.27663541 1.051715781 0.830438193 0.930540957 1
1.234283299 1.504027333 1.323467129 1.17932592 1.651089042 1
1.419302792 1.556266216 1.318371548 1.518331367 1.582030619 1.302052878
YGR094W YGR094W::VAS1::mitochondrial and cytoplasmic valyl-tRNA synthetase
1 1.328872484 0.911852782 1.795645413 0.892056546 1 1.564743959
1.566953096 0.760569975 0.909648259 1 1.178815737 1.103375387
0.378222371 1.105157 1 1.011418773 0.423439394 1
1 0.902762009 0.843665283 0.861886006 0.918441913
0.814854814 1 0.951953782 0.640678237 0.78426288 0.741171298
0.414370403 1 0.896042796 0.797058973 0.79684614 0.808434982
0.479076295 0.604180558
YGR096W YGR096W::YGR096W::molecular_function unknown 1 1.330296835
1.06703144 1.16604965 1.085552763 1 1.21986818 1.17920187

1.055918517	1.227220851	1	1.439836954	1.145178118	1.27583614
1.057711133	1		1.270021163	1	1.235256724
1.128281874	0.911395633		1	1.044328119	0.915130276
1.150942601	1.029179174	1	0.678877937	0.677593397	0.917125494
0.821032694	0.630093205	1		0.703711652	0.796673521
0.784287464	0.782807851				0.842145742
YMR122C	YMR122C::YMR122C::molecular_function unknown				1.270688117
0.94066364	0.66765684		1.232521112	1.173071931	
0.722352163	1.388888004	1.304165103	0.879930223	0.980946953	1
	0.648246926		0.499427632		1
1.225114534	1.290865923	1.26296592	1.473121658	1.222888433	1
0.839365995	0.761576499	0.54403109	0.870844764	0.806888174	1
0.778904904	0.88272702	0.983644966	0.942370922	0.991559148	0.92991272
YMR124W	YMR124W::YMR124W::molecular_function unknown				1
1.059350672	1.317576114	0.966985232	1	1.229770243	0.973628929
0.969878403	1	1.290594821	1.376965267	0.890910415	1.245136262
2.833288747	0.770348718	0.951706869		0.484293482	1
1.088163761	1.244717723	1.240226419	1.273764908	1.001003234	1
0.980689432	1.058562688	1.027090714	0.987302729	0.801994211	1
0.970736616	1.124790513	1.197637244	1.112100579	1.006331699	0.913275817
YMR126C	YMR126C::YMR126C::molecular_function unknown				1
0.898234963	0.864335479	1.216962807	1	0.84302629	0.936556039
1.065008639	1	0.897577453	0.883158056	0.796430282	1.077380608
1.266620042	0.540950388	0.881404337	1.073788578	1	1.942197184
1.899460284	1.426213405	1	1.170500957	1.412266812	1.368504123
1.211757084	1.263986384	1	0.871645439	1.167906895	0.822612271
0.750319613	0.95913568	1	1.547605365	2.053096306	1.841317795
2.393624432	1.998688237	1.290669756			
YMR128W	YMR128W::ECM16::part of small (ribosomal) subunit (SSU) processosome (contains U3 snoRNA); ExtraCellular Mutant DEAH-box protein involved in ribosome synthesis				
	0.951784853	0.891694485		0.879114164	
0.912888922	0.867721804	0.967679328		0.84635369	0.631457052
0.710488105				0.590003258	
0.441376391	1	0.482905474	0.573888956	0.854949684	0.728451178
0.811609738	0.662254705	0.628568735	1.303183237	0.787817951	1
0.597764403	0.673879707	0.803854464	0.674562932	0.437681909	0.865992156
YMR130W	YMR130W::YMR130W::molecular_function unknown				1
1.370567404	1.353864153	1.348546924	1	1.260586991	1.040817649
1.354355677	1.26287233	1	1.214731318	1.189438671	1.28504195
0.900481296	1		1.13692933		
0.558786874	1	1.074671455	0.937352783	1.291338041	0.919186375
1.406652476	1	1.281555676	1.217679511	1.234091183	0.84352046
1.697186046	1	0.862981235	1.128041457	0.779301817	1.147443556
0.660035159	1.585755055				
YMR132C	YMR132C::YMR132C::molecular_function unknown				1
1.108059418	1.072586488	1.398534946	1	0.795878764	
1.209815745	1	0.862550582	0.778520855	0.913616126	1.131850248
	0.975948253	1	0.66472182	0.939461992	0.701923426
0.868640825	0.772490584	0.65962433	0.790424172	0.975722069	1
0.909720392	1.186319675	0.793642595	0.998556205	1.289466697	1
0.973376197	1.124330391	0.954291741	1.467030229	1.023377002	
YMR148W	YMR148W::YMR148W::molecular_function unknown				1
2.266307287	1.837390832	2.31733181	1	1.921893407	1.75122653
2.158766665	2.24655066	1	1.896967147	2.301862852	3.726251489
1.738604119	1	1.750878252	1.746958818	1.836458799	1.703179799
1.130203713	2.119785269	2.178748662	1.05247822	1	1.204501103
1.189870758	1.136541588	1.044650179	0.80953806	1	0.848076633

0.984837111 0.947246784 0.847296665 0.968356808 1 1.261388422
 1.246712577 1.252318995 1.312903615 1.756069404 1.135684372
 YMR150C YMR150C::IMP1::Inner membrane protease (mitochondrial protein)
 0.97641057 1.010131594 0.814010271 1.183573513 0.73975481
 0.786441535 1.143457708 1.071757502 0.733024232 0.890597722
 1.190768816 0.897732909 1 2.005308434 1.475016487 1.397187519
 2.616486327 1 1.763843216 2.43886688 2.335236373 1.105835029 1
 1.064416691 1.264699285 1.154262498 0.998928669 1.071329216 1
 0.848151139 1.328277789 1.034034078 1.096125071 1.283517101 1
 1.056708674 1.244085677 1.088278389 1.490370041 1.351764958 1.541098232
 YMR152W "YMR152W::YIM1::Mitochondrial inner membrane protease, similar to E.
 coli leader peptidase" 1 1.452274873 1.578894318 1.589742427 1.78224635 1
 1.485065554 1.746452342 1.480297182 1.475996089 1 1.267845433
 1.868660005 1.736142963 1.426485065 1 1.609465535 1.522731435
 1.376662701 1.608165217 1 1.490469995 1.069437504 1.597657344
 1.281889717 1 1.008561739 1.802161735 1.428138675 0.889306824
 1.097092009 1 1.073434281 1.488917775 1.265623169 0.958534581
 0.930914374 1 1.010117056 1.363304068 1.186036952 1.244972835
 1.565395713 1.359844049
 YMR154C YMR154C::RIM13::Regulator of IME2 (RIM) 1.007192789
 0.768702164 0.877744639 0.732268837 0.882620679 1.006117921
 0.718139154 0.823952317 1.018759074 0.998484854 0.989757915 1
 3.545110787 1.44238376 1 0.994396657 1.827913641
 0.938116572 0.872540161 1.045687376 1.012215449 1.018111818 1
 0.852989465 0.873688062 0.845534907 0.856565514 0.682506787 1
 0.725410687 0.68779749 0.855362285 0.96498245 0.810388991 1.043743836
 YGR098C YGR098C::ESP1::Esp1 promotes sister chromatid separation by
 mediating dissociation from the chromatin of the cohesin Scc1. The anaphase-
 promoting complex promotes anaphase by mediating destruction of Pds1 which binds
 to Esp1 and inhibits its activity 1 1.252168128 1.370183114 1.513475292
 1.462508021 1 1.371728273 1.312092548 1.252559287 1
 1.248527388 1.337750777 1.173319435 1.263419657 1
 1.145082312 1 0.888712915 1.049170579 1
 0.327428419 0.526243454 0.56969305 0.684682105 2.371983675
 1 0.767574371 0.821378412
 YGR098C YGR098C::ESP1::Esp1 promotes sister chromatid separation by
 mediating dissociation from the chromatin of the cohesin Scc1. The anaphase-
 promoting complex promotes anaphase by mediating destruction of Pds1 which binds
 to Esp1 and inhibits its activity
 1 1.248357251 1.19217282 1.431706319
 1.812225987 1.357078611 1 0.853990471 0.530864493 0.671212388
 0.738202059 0.33455715 1 0.770014677 0.591031231 0.811248711
 0.618868011 0.877617362 0.612061177
 YGR100W YGR100W::MDR1::Mac1-dependent regulator 1 1.266419133
 1.264775434 1.579283476 1.337352084 1 1.471249757 1.461223377
 1.231242486 1.203853502 1 1.291101664 1.388923398 0.906458708
 1.329604043 1.861432 1.225456997 0.777043932 1
 0.831292121 1 1.057487749 1.275092674 1.178082532
 0.867171402 0.981939536 1 1.14871958 1.082432154 1.300693073
 0.931960225 0.85079192 1 1.405353928 1.287529566 1.130002487
 1.032543933 1.316716912 1.048997512
 YGR102C YGR102C::YGR102C::molecular_function unknown 1 1.321604789
 1.487140559 1.380025735 1.925473149 1 1.195078959 1.206256232
 1.49773525 1.634305324 1 0.974958456 1.229653798 1.553328651
 1.380069867 1 1.105483015 0.800284356 0.869962108 1.717282565 1
 1.248739106 1.072349182 1.442016199 1.120658654 1 0.994090623

0.904724654 0.731294187 0.930485798 1 1.073207578
 1.246295679 0.992866594 1.454801435 1 1.073551388 0.99698858
 1.39265958 1.303626974 1.128679366
 YGR104C YGR104C::SRB5::subunit of RNA polymerase II holoenzyme/mediator
 complex 1 0.827428532 0.941162982 0.963748874 1.315740168 1
 1.004382319 1.012044138 1.109310267 1 0.84541387 0.87965654
 0.976722285 0.953113901 1 0.915573423 0.733954384 0.98875158
 1.206283739 1 1.183695978 1.382105268 1.601990441 1.726508002 1
 1.011792389 1.138488844 0.998848029 0.8863153 1.034881377 1
 0.846504189 0.950847128 1.02800077 0.84748002 1.131068862 1
 0.977769303 0.885818806 1.102292611 0.974069035 1.46328556 0.950927634
 YGR118W YGR118W::RPS23A::Homology to rat S23 and E. coli S12 1
 1.28110918 1.248056545 1.153953604 2.027720905 1 1.062659239
 0.965377083 1.611819964 1.344432441 1 0.819803833 0.885003573
 0.752333763 1.13545246 1 0.707596655 0.344919939 0.274712157
 0.80559428 1 1.483845674 0.87075728 0.662329851 1.277404839 1
 1.305494735 1.157756861 0.757683364 1.135505007 1.238406519 1
 1.220063174 1.561294825 1.219933387 0.686383629 2.014715452 1
 1.249917415 1.363915792 0.769442544 2.07571897 1.192668766 1.363346604
 YGR120C YGR120C::COG2::<u>C</u>onserved <u>O</u>ligomeric
 <u>G</u>olgi complex <u>2</u>
 Secretion deficient 1
 1.536598182 1.432274841 1.47695216 1.919838205 1 1.432450964
 1.457966745 1.781206855 1 1.270101455 1.172562234 1.257568398
 1.286793821 1 0.683669508
 1 1.262970804 1.143482407 0.952601216 1.015927852 0.957614719 1
 0.908733544 1.056964083 1.097027276 0.963297088 1.146174048 1
 1.095240518 1.070863983 0.924710778 1.167223569 0.960425771 1.196977994
 YGR122W YGR122W::YGR122W::molecular_function unknown 1 1.045919807
 1.013948914 1.299248917 1.011251665 1 1.151616686 1.071249006
 1.026506245 1 1.034241959 1.040462439 0.82842656 1.044125785 1
 1.664304754 1.359402351 1.397574203 1.096247886 1 0.947829364
 0.939097013 1 1.02776636 1.156082954 1.101340695 1.004439034 1
 0.978067223 1.080393352 1.296555799 1.00987016 1.190876053 1
 1.275751987 1.006612835 1.114755452 0.898423481 0.725892293
 YGR124W YGR124W::ASN2::Asn1p and Asn2p are isozymes 1 0.956200635
 0.638575257 1.124830221 0.534906845 1 1.205429197 1.074328005
 0.63109626 0.681935917 1 1.020782282 0.98147785 0.497957361
 0.664358526 1 1.310299059 1.157084444 0.940362113 0.626527657 1
 0.634538192 0.330290327 0.3428646 0.464590135 1 0.96976247
 0.986191716 1.660030385 1.264980237 0.79113135 1 1.22628253
 0.94524322 1.329180542 0.708347633 0.318448557 1 1.132542759
 0.878061743 0.961839175 0.637227138 0.658328834 0.858987149
 YGR126W YGR126W::YGR126W::molecular_function unknown 1 1.190313159
 1.289297672 1.338664163 1.40697763 1 1.282064992 1.384996801
 1.16232084 1.264992117 1 2.195347165 2.198487741 1.593909489
 1.733538129 1 1.164800757 0.837110151 1 0.623173125
 0.460544259 1 0.616888505 0.857575872 0.839903764 0.733198183
 0.701882087 1 0.638708633 0.46082832 0.591379564 0.941203859 1
 0.567557379 0.497366151 0.550164887 0.498469515 0.676857354
 YGR128C YGR128C::UTP8::part of small (ribosomal) subunit (SSU) processosome
 (contains U3 snoRNA) 1 0.993705401 0.826166328 1.217987209 1.128984306 1
 1.049195499 0.881600965 0.964141007 1.032736399 1 0.656642493
 0.620395159 0.448352666 1.07503951 1 0.495902161
 0.595682417 1 0.361089022 0.326214257 1 0.914690969
 0.647516863 0.752494934 0.82338351 1.024093304 1 0.82482555
 0.672351618 0.596902213 0.957271009 0.670523242 1 0.741290908
 0.8103948 0.649914748 1.23427103 0.62151559 0.830967177

YMR156C YMR156C::TPP1::Three Prime Phosphatase 1 0.93085295
0.846141741 0.772638869 0.939810219 0.801501937 0.698570927
0.844012292 0.877230413 0.802950922 0.959349325 1.180251649
0.990736833 1 1.203927433 7.155627292 1.170550959 1.007051066 1
3.130529829 3.567713174 2.779488204 1.908035239 1 0.966588519
1.107256956 1.044923273 0.846106654 0.967975062 1 1.01352214
1.351286023 1.45451631 1.190830869 1.187101456 1 1.271160863
1.67131222 1.327308568 1.54453154 1.492647605 1.23112736
YMR158W YMR158W::YMR158W::molecular_function unknown 1 0.630804593
1.030729038 0.910180635 1.287282792 1 0.745704749 0.926605052
1.107319994 1 0.785116069 0.924812644 1.297122292 1.03987831 1
1.134690791 1.208350459 0.80530675 1.274388055 1.111509706
1.056464599 0.846877369 1 0.945633074 0.524380892 0.544283762
0.920325985 1 1.406808996 1.806065833 1.332265401 1.329503521
2.461862478 1 1.230500296 1.569479098 1.030447318 1.44600365
1.721142486 1.557735134
YMR176W YMR176W::ECM5::ExtraCellular Mutant 1 1.557688877 1.296126293
1.670077124 1.122970056 1 1.542530012 1.533921137 1.193341206
0.977130012 1 1.352361221 1.63037374 0.940762513 1.446145952
1 0.870830733
0.886363338 0.989721965 0.919403755 0.89679507 1 1.382585478
1.200425926 0.831714043 1.237734022 0.915961938 1 1.015206484
1.085517639 0.99172969 0.882809441 0.980850396 1.029733823
YMR176W YMR176W::ECM5::ExtraCellular Mutant
0.740740019
0.727781536 1 1.991391581
2.587468853
YMR178W YMR178W::YMR178W::molecular_function unknown 1 1.536826969
1.312072712 1.380971113 1.680464447 1 1.248737682 1.345374386
1 1.169819883 1.384810614 1.256250069 1.27746398 1.028441198
1.01242753 1 1.331701534
1.37066124 1.407875085 1.280096454 1.462685826 1 0.989685708
1.219460724 1.260861322 1.069193276 0.943726103 1 1.248834905
1.303225889 0.966322191 1.317004274 1.324150164 1.63916811
YMR178W YMR178W::YMR178W::molecular_function unknown 1 1.031715986
1.237890724 1.049856212 1.49675654 1 1.024217193 1.018691723
1.377893094 1.324061301 1 0.97977425 1.23957621 1.372166698
1.261930894 1 1.185660677 0.947518605 0.979015416 1.685948895 1
1.34885987 2.032743476 2.136972131 1.10796393 1 1.235094986
1.208376322 1.506715313 1.506393637 1.306231108 1 1.11049948
1.243568707 1.168314168 1.168972699 0.968561622 1 0.991455533
1.208473273 0.917966912 1.056696966 0.74193063 1.390490964
YMR180C YMR180C::CTL1::CET1-Like Gene #1 (CET1 = capping enzyme
triphosphatase 1) 1 0.894751217 1.02053384 0.990384729 1.1897324 1
0.931416954 0.916927008 1.39948701 1.249447447 1 0.759544498
0.935760863 1.431081455 1.094087667 1 0.935465551 0.905946972
1.451128475 1.98641491 1 1.697132101 3.191659828 1.840561865
1.395764946 1 1.021373277 1.214437262 1.232372859 1.061010629
1.276492665 1 0.857134871 1.241382122 1.03424198 1.140551902
1.281612653 1 0.939251264 1.245794479 1.279330884 1.89333003
1.431227218 1.422013335
YMR182C YMR182C::RGM1::Putative transcriptional repressor with proline-rich
zinc fingers 1 0.9828848 1.068881763 1.173415559 0.909889759 1
1.24841282 1.017525833 1.327147561 1.242312883 1 0.950145486
0.978778775 1.252470538 1.166753456 1 0.968546547 1.749584924
1.934632677 0.771320584 1 0.627705798 0.629370952 0.376896533

0.300393475 1 0.965146463 1.114605396 1.030051647 1.382575683
 1.059930607 1 0.725426943 0.613131399 0.633110637 1.153042788
 0.668596082 1.030602338 1.08993997 1.279381855 1.074418571
 1.388186158 0.945673958
 YMR184W YMR184W::YMR184W::molecular_function unknown 1 0.774919899
 1.237850448 0.86832515 1.572131015 1 0.929824649 1.045671534
 1.532219916 1 0.761731872 1.127637251 1.766217143 1.319944406 1
 1.206152625 0.907694338 0.678646629 1.987349831 1 2.192430015
 3.569382899 2.236345832 1.493018307 1 0.896845383 1.05176778
 0.873603903 0.883555443 0.988804464 1 0.898323035 1.192098457
 1.055857554 1.073824826 1.407794044 1 1.181044273 1.370794657
 1.024766777 1.566618417 1.563798889 1.219744238
 YMR186W YMR186W::HSC82::constitutively expressed heat shock protein 1
 0.890697544 0.874635185 1.467987701 0.90273619 1 1.195975748
 1.438340035 0.802261563 0.811778974 1 0.763502345 0.967335395
 0.823676155 0.621622815 1 1.614147398 1.772786315 2.490672595
 1.673607762 1 1.140609549 0.526256408 0.99402381 1.485643109 1
 1.254140162 1.167548358 1.255070485 1.05734444 1.224099084 1
 1.829561028 0.820806225 0.568465027 0.316870291 0.241827906 1
 1.306080356 0.852174226 0.517523751 0.462304602 0.671378608 0.516618137
 YMR202W YMR202W::ERG2::sterol biosynthesis 1 1.141366959 1.132865514
 0.842995613 0.851996719 1 0.873587961 1.229558456 1.104655461 1
 0.935794882 0.982613399 0.989804069 0.806441274 1 0.667472641
 0.417928607 0.373733174 0.530395505 1 1.355393439 1.031979912
 1.089520906 0.898721026 1 1.201844518 0.881877364 1.442591938
 2.071115453 1.384197758 1 0.790987219 0.550390171 0.499674576
 1.091424102 1.209037489 1 0.864193995 0.457612237 1.143368536
 0.884877876 0.661657969 1.107664347
 YMR204C YMR204C::YMR204C::molecular_function unknown 1 1.038823079
 1.244097638 1 0.93179268 1.031302201 1.034624707 1
 1.038055341 1.110137912 1.001644595 1.043518861 1 1.043127009
 0.551294285 0.688291783 0.66844599 0.426085118 0.385785554
 0.391368256 1 1.187103147 1.211728707 1.073004354 1.352785855 1
 0.953498517 0.796558003 1.086849331 1.008235756 1 0.867906869
 0.850778348 0.989740717 0.914012135
 YGR142W YGR142W::BTN2::Gene/protein whose expression is elevated in a btn1
 minus/Btn1p lacking yeast strain. 1 1.235598522 1.515070988 1.414148381
 1.442153105 1 1.299652263 1.290375192 1.214247225 1.207991551 1
 1.023987154 1.959778212 1.656400059 1.078842076 1 2.999519947
 3.248572866 3.090054281 1 1.151767972 1.321063595 1.607585688 1
 2.063893028 1.883551543 0.943763115 0.693464213 1.027733731 1
 5.352145105 0.761041423 0.587601234 0.43707289 0.634549291 1
 3.742685028 0.977320239 0.695544828 1.094411265 1.408329583 1.06738564
 YGR144W YGR144W::THI4::Protein highly expressed in early stationary phase
 during growth on molasses 1 1.581071263 1.189695164 1.24050304 1
 1.316054554 1.240417572 1.161488631 1.495128747 1 1.147247497
 1.17275269 1.401627245 1.542374507 1 1.355102375
 3.405451724 1 0.923346176 1.33787061 1.411522508 1.588095762 1
 1.061839011 1.086473676 1.282043097 0.956786433 0.937918822 1
 0.383914229 0.559789077 0.901440768 0.764772489 0.601673656 1
 0.892770181 1.122617124 0.835337335 1.013768433 1.033236274
 YGR146C YGR146C::YGR146C::molecular_function unknown 1 1.421475345
 1.109739589 1.056282887 1.393892964 1 0.957377288 1.010342678
 0.912849952 0.985906015 1 1.426279883 1.583484684 1.469466811
 1.266317589 1 1.556257262 1.849373681 2.305326041
 0.695007702 0.651921682 0.565790123 0.549002665 1 2.544929437
 2.632295623 2.245974459 1.247123254 0.860641133 1 1.499953347

2.472234744 3.155182386 2.46516603 1.591372185 1 1.904224158
2.259675407 0.867787288 1.282916441 0.699139619 0.829215951
YGR148C YGR148C::RPL24B::Homology to rat L24 1 0.963583846
1.329755662 0.872516246 1.869431315 1 0.961167078 0.989813235
1.324187728 1.283059284 1 0.833226647 0.874334331 0.781217437
0.965137163 1 0.733629675 0.335094429 0.190927789 0.566440151 1
1.361131408 0.970315569 0.590957143 0.720308274 1 1.108701205
1.049925136 0.70874458 0.863911339 1.117628803 1 1.471345129
1.845161136 1.171543921 1.04372892 2.091825966 1 1.121259932
1.193477232 0.66470842 1.595346944 1.026446522 1.26089861
YGR150C YGR150C::YGR150C::molecular_function unknown 1 1.605816068
1.602575588 1.7246004 1 1.728313437 1.428773274
1.634747418 1 1.472557474 1.567069513 2.102432559 1.829161764
1 1.005423739 1 1.294873923
0.959143132 0.987542597 1.066557627 1.268032639 1 1.063616227
0.762111612 1.304089196 0.937649332 1.229298649 1 0.960855743
1.008629598 0.567626511 1.299931002 0.738819391 0.950927634
YGR152C YGR152C::RSR1::Gtp-binding protein of the ras superfamily involved
in bud site selection 1 0.986349811 1.115304088 1.05253235 1.662696313 1
1.014346163 1.225224053 1 0.712168765 0.695194542
0.772217772 1.31133447 1 0.732179212 0.489987027 0.430635853
0.942497376 1 1.343039314 0.835919545 1.594261462 1
0.80019485 0.862533645 0.657355251 0.548959371 0.989052035 1
0.995077059 1.15360217 1.071861732 1.155681532 1.214499417 1
1.11596265 1.31718109 1.156186314 1.499979367 1.280521617 1.353714707
YGR166W YGR166W::KRE11::Involved in biosynthetic pathway for cell wall beta-
glucans 1 1.204969351 1.216973979 1.362138635 1.186386554 1
1.378231975 1.429957821 1.207830949 1 1.343392883 1.272433501
1.299128841 1.167795577 1 1.019451617 0.968871403 1.326902272
1.313871516 1 0.724405077 0.916612413 0.481037648 0.666028195 1
1.271637182 1.103693613 1.250716015 1.397030542 1 0.786144639
0.568299125 0.719118157 0.774045972 0.698756997 1 0.899920198
0.704006311 0.865447009 0.796854546 0.818467928 0.573533695
YGR168C YGR168C::YGR168C::molecular_function unknown 1 0.945209566
0.980120209 1.020091769 1.213752731 1 1.06202388 0.956667447
1.127811028 1 0.871952478 0.964962005 1.080578418 1.096445648 1
1.014022181 1.266425769 1.127744829 1.777411043 1 1.798330557
2.200898604 1.719639036 1 0.884210629 0.939499799 0.718522274
0.656267275 0.956712701 1 0.923501394 1.056068304 1.031785436
0.943301641 1.414277252 1 1.15719649 1.128639236 0.967321128
1.099920411 1.491183428 1.424640225
YGR170W YGR170W::PSD2::converts phosphatidylserine to
phosphatidylethanolamine 1 1.055514076 1.227428071 1.381851735
0.997264472 1 1.365499785 1.558480548 1.089133205 0.93114062 1
1.151403178 1.311981177 0.72938864 1.115267142 1 1.184082256
1.792755244 0.950546791 1 1.149536871 0.711689692 1
0.977241365 1.074953783 0.998816264 1.004994154 1.09277564 1
1.114114173 0.855077179 1.292573975 1.233400948 0.899392886 1
1.022995239 0.937413364 1.046112437 0.855665924 1.359120954 0.891385238
YGR172C YGR172C::YIP1::Golgi integral membrane protein; binds to the
transport GTPases Ypt1p and Ypt31p 1 1.264460044 0.959589575 0.883285217
1.075313136 1 0.905184063 0.808794781 0.960698011 0.944983974 1
1.079381325 0.826596701 0.85498012 0.846089903 1 0.900084011
0.59101821 0.647290597 0.802713603 1 0.762157364 0.550400863
0.583523628 0.705454676 1 1.183996788 1.186316556 1.290405147
1.435648373 1.028516558 1 1.018701885 1.228604267 1.223351622

0.768647217 0.745592003 1 1.071644665 1.031941178 1.135651111
0.771151408 1.098032451

YMR206W YMR206W::YMR206W::molecular_function unknown 1 1.44852929
1.948547236 1.402703645 1 1.845190426 1
1.379959528 2.267101193 4.323974915 1.653747546 1 1.598954379
0.298026766 0.708752044 0.331575878 1 1.042412265
0.989465965 1.132802254 1.406887333 1 0.737607271 1.220818387
1.775895511 1.814305713 1 0.748132465 0.871579213 0.966071091

YMR208W YMR208W::ERG12::mevalonate catabolism 1 1.196530956
0.929028432 1.046514413 0.792435442 1 1.096158843 1.143784137
0.934263082 0.937645317 1 1.244030918 1.062419706 0.854764444
0.882221555 2.192766846 1.166286497 1.338427019 0.840307691
1 0.836739205 0.758416063 0.743199721 0.889348118
0.925829456 1 0.762990604 0.571443842 0.667027837 0.892461138
0.703793255 1 0.793736715 0.610115073 0.868049854 0.810149816
0.691027011 1.008718805

YMR210W YMR210W::YMR210W::molecular_function unknown 1 0.976993652
1.025833086 1.012060208 1.093018526 1 1.032862928 0.995362027
1.289754439 1.022083635 1 1.211478929 1.272664236 1.299636762
0.945533398 1 1.974174498 1.068113414 1.470754404 1.060585378 1
1.520740341 1.509223022 1.325929246 0.93223246 1 1.257762784
1.171492899 1.430391557 1.318838995 1.144865192 1 0.862758255
0.990352286 0.767091999 0.7240616 1 0.898668795 0.733395793
0.763225124 0.692924052 0.777569774

YMR212C YMR212C::EFR3::PHO_Eighty_Five_Requiring 1 1.24799184
1.020912577 1.35445068 1.011356944 1 1.368930419 1.201889154
1.192972417 0.976940358 1 1.093358445 1.022523467 0.921384448
1.226645589 1 0.790745369 0.708871395 0.65229978 1
1.161850081 1.335860851 0.979937291 0.550581982 1 0.915801789
0.906097392 1.061738608 1.326750486 1.122520162 1 0.982361709
0.77305915 0.766375263 0.544549903 1 0.998897151 0.622187589
0.881960209 0.758203822 0.583244914 0.492100668

YMR227C YMR227C::TAF7::TFIID subunit (TBP-associated factor) with predicted
molecular weight of 67 kD 1 1.194043417 1.300557658 1
1.280006072 1.116941377 1 0.994936052 1.177235658
0.951015696 1.420962736 1 0.700190961 0.824373328 1
0.878649956 1 0.660570484 0.559856103 0.632275915
0.56594735 0.698851377 1 1.007350715 0.852603295 1.222307488
1.869668356 0.863665365 1 0.765209444 0.947381749 0.675149868
0.800499125 0.455861445 0.673354851

YMR229C YMR229C::RRP5::Part of small ribosomal subunit (SSU) processosome
(contains U3 snoRNA). Rrp5p is the only ribosomal RNA processing trans-acting
factor that is required for the synthesis of both 18S and 5.8S rRNAs. 1
1.07427426 0.836148082 1.400685263 0.820294511 1 1.238944983
1.023892305 0.939526112 0.955144562 1 0.928138924 0.798016224
1 0.777474982 1.241516138 1.080924399 0.548322641
0.704477965 0.657722249
1.244015226
1.576123158

YMR229C YMR229C::RRP5::Part of small ribosomal subunit (SSU) processosome
(contains U3 snoRNA). Rrp5p is the only ribosomal RNA processing trans-acting
factor that is required for the synthesis of both 18S and 5.8S rRNAs.

1

0.595189636 0.510925219 0.72544826 0.810166577 0.776264582 1

0.85186496 0.486785444 0.468315175 1.175433916 0.449665468 1
 0.649134812 0.545241791 0.992507025 0.909033867 0.459988618 0.624319912
 YMR232W "YMR232W::FUS2::Involved in cell fusion during mating, also required
 for the alignment of parental nuclei before nuclear fusion" 1 1.443323882
 1.483717984 1.419080878 1 1.33121195 1
 0.980299813 1.269200659 1.552328474 0.399277155
 0.452473366 0.228176726 1 0.937281424
 1.067981947 1.100028764 0.881709503 1 0.849581192 1.08499006
 0.946456837 0.882555053 1.008265178 1 1.017466012 1.013668137
 1.057346817 0.767237544 0.816742994 0.919405158
 YMR234W YMR234W::RNH1::ribonuclease H 1 0.901488447 1.026918469
 0.952205615 1.108602542 1 0.851111229 0.928364394 1.237071041
 1.109372114 1 0.731007388 0.803340808 0.844912557 0.939921346 1
 0.763738465 0.551392814 0.515144156 0.75972325 1 1.364002688
 1.132956384 1.229666602 1.585407967 1 0.901078643 1.038543282
 0.934418414 0.877967492 1.041726305 1 0.973953428 0.927119059
 0.788060722 0.828673188 1.276341259 1 1.043908285 0.806454199
 0.941531214 1.043953282 0.919711719
 YMR236W YMR236W::TAF9::TFIID subunit (TBP-associated factor) with predicted
 molecular weight of 17 kD. 1 1.372119228 1.778258134 1.408232097
 1.789277822 1 1.316150072 1.377717362 1.788566894 1.79940682 1
 1.510185233 1.474724525 1.707050584 1.435127103 1 0.863859566
 0.574310124 0.69743557 0.906567058 1 2.001258925 1.427291989
 1.583023426 1.828250604 1 1.149125188 1.220492227 1.24962484
 1.041874091 1.136210818 1 0.971650581 0.943346459 0.935282194
 0.835970054 0.848074663 1 0.817094197 0.779376779 0.924596758
 0.817194491 0.789743277
 YMR238W "YMR238W::DFG5::Protein required for filamentous growth, cell
 polarity, and cellular elongation" 1 1.259795608 1.148196252 1.244120636
 0.996767336 1 1.217688121 1.21120594 1.220586275 1.079790185 1
 1.152609132 1.028293744 1.131700866 1.187869107 1 1.184804836
 0.861748908 0.764070677 0.806830126 1 0.914507153 0.697316052
 0.571438012 0.763240295 1 0.909716888 0.97019104 1.35827103
 1.19733662 1.166874552 1 1.075055971 0.963102436 1.113353149
 1.059728019 0.783398866 1 0.891772434 0.870977849 0.924897579
 0.882023154 0.979111861 0.888758347
 YGR174C YGR174C::CBP4::Essential for the expression and activity of
 ubiquinol-cytochrome c reductase 1 1.093574753 1.806302852 1.478597521
 2.213214259 1 1.412029939 1.716546356 2.353577479 2.16310317 1
 0.943159674 1.358834289 3.300212862 1.544011993 1 1.225708537
 0.814010361 1.11402522 2.213692604 1 1.780713039 1.861149688
 3.181824903 1.700625402 1 0.813910288 0.664404963 0.436419605
 0.761724949 1.020147471 1 0.993385503 0.536912573 0.512747774
 0.669202697 1.826380793 1 0.815874081 0.580236026 1.652070292
 1.746101394 1.352839042
 YGR176W YGR176W::molecular_function unknown 1 1.462665671
 1.395790427 1.059119313 1 1.269686867 1.016103684 1.201592254
 1 0.869039566 0.807834874 0.938109214 0.912023123 1
 0.570544125 0.307340086 0.478597735 0.227769888 1
 0.719229461 0.651158469 1.322217147 1.926700745 0.968076865 1
 0.390902493 0.491326406 0.629607682 1.595729075 1.58349705 1
 0.627206489 0.691194815 1.509222065 0.641075474 0.969315762
 YGR190C YGR190C::molecular_function unknown 1 0.758841535
 0.613563961 0.921152086 0.60563799 1 0.959498169 0.958198861
 0.604915827 0.612247237 1 1.141453256 0.868056163 0.255313946
 0.742879968 1 0.686695387 0.532600363 0.643438922 0.402313661 1
 0.638346386 0.696503889 0.310512442 0.483990003 1 1.049797474

	0.822651879	0.793439418	1.371923112	0.931406473	1	0.755626069
	0.349489165	0.662618905	1.040408483	0.326854857	1	0.514093744
	0.384838858	0.816517357	0.518465133	0.630008902	0.443065729	
YGR192C	YGR192C::TDH3::Glyceraldehyde-3-phosphate dehydrogenase 3				1	
	1.403083016	0.989402983	0.928856222	0.775954238	1	1.248793852
	1.111433216	0.721508476	0.821377379	1	1.416044425	1.63101427
	1.667220123	0.994652584	1	1.352397	1.52715632	2.258283753
	1.300675211	1	1.534377678	0.659592504	0.781844533	1.494850081
	1.224891789	1.06616775	2.077204911	1.519653488	1.143435745	1
	1.461459854	1.364467971	1.743853511	1.196416482	0.802924323	1
	1.222039979	1.278050995	1.570884316	1.026775536	1.162209635	1.319565341
YGR194C	YGR194C::XKS1::Xylulokinase 1				1	1.149829681
	1.226387096	1.220824476	1	1.26776173	1.175512464	1.012217021
	1.046792604	1	1.297260785	1.211451362	0.827897457	1.090731071
	0.751087795				0.897929827	1
	1.015737897	0.919940322	1.346427084	1.11973784	1.023982688	1
	1.04443612	1.013122318	0.822934616	0.969844843	0.969257717	1
	1.001700448	1.156974086	1.44101549	1.222436978	1.108049367	0.921156488
YGR196C	YGR196C::FYV8::Function required for Yeast Viability on toxin exposure				1	0.868311231
	1.039118437	1.199118399		0.997392692	1	1.037080555
	0.95199355	1.258442844	1	0.992516387	0.626721623	0.784844414
	1.06864838	1	1.29633949	1.365102444	1.185469503	0.899643727
	0.932758874	0.956248441	0.814748399	0.932487664	0.935438325	1
	1.216587642	0.934110769	1.160764931	1.19937596	0.777557707	1
	1.072483605	0.80822836	1.048780203	0.91353322	1.129571044	
YGR198W	YGR198W::YGR198W::molecular_function unknown				1	0.769134962
	0.779259748	0.97540368	0.794814407	1	0.902671791	0.961851489
	0.703067033	0.65225626	1	0.85534595	0.855196835	0.485656004
	0.852367451	1	0.720020763		0.871754321	0.852170236
	0.834191365	0.786290745	0.82296047	1	1.089535792	1.059775311
	1.013496268	1.010185714	1.111043176	1	1.221290244	0.841443486
	1.169769863	0.753004223	0.647690769	1	1.264607794	1.069328916
	1.021198784	0.885721603	0.920769752			
YGR200C	YGR200C::ELP2::ELongator Protein 2; 90kD subunit; has WD40 repeats					
	1.220205413	0.831337162	1.270213898	0.884009004		1.210728
	0.92593602	0.854612075	1.029630569		0.869260691	0.566936326
	0.572597351	1.054371174	1	0.288554847	0.212727474	0.262586905
	0.368273981	1	0.471825114	0.642443447	0.371349176	0.611950531
	0.993769822	0.7198233	0.833596194	1.273329998	0.990937467	1
	0.806939262	0.509761338	0.443273383	0.695620779	0.635322179	1
	0.627669724	0.509459575	0.744708187	0.84834903	0.418506575	1.129554927
YGR214W	YGR214W::RPS0A::Homology to rat Sa				1	1.265864257
	0.902581893	1.116027167	1	1.115218674	1.045459711	0.853008106
	0.899528396	1	0.926631363	0.779422476	0.572913352	0.741770801
	0.917775998	0.404591657	0.303979309	0.532635739	1	0.744333058
	0.350892536	0.187540355	0.578471597	1	1.180620053	0.979766506
	1.11055177	1.214866471	1.18730781	1	1.389077174	1.058981231
	0.883804714	0.618217183	0.848994264	1	1.225942778	0.936262478
	0.865555485	1.2267606	0.920286999	1.034987604		
YGR216C	"YGR216C::GPI1::Participates in synthesis of N-acetylglucominyolphosphatidylinositol, the first intermediate in synthesis of glycosylphosphatidylinositol (GPI) anchors"				1	1.198645379
	0.961125616	0.929052689	1	1.160393355	1.073400076	0.63869008
	0.785066302	1	0.934169051	0.794663435	0.63480442	0.717081096
	1.032300682	0.699527542	1.030335481	0.814151444	1	0.588999099
	0.717327326	0.690373541	0.520928092	1	1.072724614	0.830323923

0.852322332 1.047505886 0.882178729 1 0.814927181 0.706512354
0.653251023 0.596692767 0.603675358 1 0.919244281 0.817952915
0.807742097 1.176985689 0.798927604 1.156699286
YIL015CA YIL015CA::YIL015C-A::molecular_function unknown 1 1.092313818
1.290516208 1.094946883 1.756715181 1 0.956431153 1.285785317
1.466614829 1 1.084768584 1.284036488 1.871318407 1.250233445 1
1.402147929 1.243315831 1.014566033 1.387310609 1 1.202004186
1.357699516 1.394651132 1.34413975 1 0.847258627 0.931083005
1.072536091 1.072758234 0.954316312 1 0.905012002 1.007352857
1.379678431 1.744145096 1.161146853 1 0.922566594 1.164401842
1.352304868 1.219095626 1.718849964
YMR255W YMR255W::GFD1::Great for FULL DEAD box protein activity 1
0.690652814 1.194201518 0.882711629 1.464327352 1 0.95220658
0.904053634 1.103164739 1 0.882600046 1.005565437 1.376836771
0.959773864 1 1.065710976 0.795087694 0.756987425 1.535372301
0.776499384 0.975086945 1.209118947 0.850138794 1 1.016400899
1.175782935 0.766855963 0.645468275 1.119021361 1 0.857831974
1.235088655 1.15396179 1.256769515 1.643788999 1 0.980152849
1.176834612 1.389001702 1.568736402 1.403727975 1.432520897
YIL082WA YIL082WA::YIL082W-A::molecular_function unknown 1 1.03865897
1.081380384 1.144976119 1.224369612 1 1.250702831 1.248607719
1.086315063 0.945978244 1 1.05372801 1.288265351 0.893500895
0.994751684 0.522613613
1 1.084500152 1.005436402 1.1120545 1.051085115 0.945017754 1
1.145353499 1.180191154 1.053577774 0.929875657 0.929674813 1
0.991579985 1.065407198 0.990166801 0.990857339 0.917717365 0.933415171
YMR258C YMR258C::YMR258C::molecular_function unknown 1 1.372583358
1.127885222 1.20838641 1.115948365 1 1.32994882 1.252069879
1.359336616 1.073051871 1 1.727724802 2.074769355 1.748996192
1.269598376 1 2.531906403 2.232291287 1.270381598
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1.577254016 1.006332807 0.860141774 1.400111249 1 1.465289907
1.143932395 0.876862231 1.15124885 0.852722451
YMR260C YMR260C::TIF11::Translation initiation factor eIF1A 1
1.056027367 1.398326166 0.83618471 1.832675558 1 0.893467669
0.868845382 1.502643396 1.327184219 1 0.925414319 1.032469073
0.892637209 0.941122897 1 1.205386452 0.492159212 0.423197083
0.729989153 1 1.650771422 0.988312465 0.842080625 0.956174419 1
0.896247822 0.865843918 0.40202108 0.689340655 1.017252002 1
1.441541645 1.1970343 0.615032031 0.712539008 2.073955991 1
1.208002032 1.092116603 0.606637125 2.007560366 1.090835556 1.984164012
YMR262W YMR262W::YMR262W::molecular_function unknown 1 1.517229332
1.501516238 1.360590894 1.094731235 1 1.343308826 1.504107049
1.21187013 1 1.524613832 1.847500055 1.787328681 1.24554605 1
2.514087611 2.903896718 2.215598516 1 2.366190341 1.4776515
2.591707331 1.47844795 1 1.288532612 1.564142503 1.926780566
1.287512413 1.349037444 1 1.269144057 1.075930952 1.415127887
0.946607673 0.844243431 1 1.098166243 1.020232078 1.099944332
0.934443919 0.979623655 0.959683866
YMR264W YMR264W::CUE1::Cuelp assembles with Ubc7p. Cuelp recruits Ubc7p to
the cytosolic surface of the endoplasmic reticulum. Assembly with Cuelp is a
prerequisite for the function of Ubc7p 1 1.179104028 1.274426397
1.084765052 1.248155783 1 1.024600415 0.996793932 1.755701407
1.593517285 1 1.097480672 1.25433475 1.681814828 1.610644447 1
1.330051519 0.946679221 1.025024692 1.273974933 1 1.489060885
1.162614355 1.575863353 1.307442698 1 1.147984376 1.043954948

1.19319683 1.021570271 0.85778506 1 1.047202909 1.21822877
1.228028157 1.364465316 1.393054505 1 0.949305803 1.178750842
1.152219127 1.324719874 0.977439594 1.456162701
YMR266W YMR266W::RSN1::overexpression Rescues sro7/sop1 in NaCl 1
1.526518553 1.03661395 1.100103463 1 1.155136524
1.181432602 1 1.425498873 1.479284548
0.822849199 0.716071975
0.840591249 0.862903936 0.889890967 1 1.011148911 1.087213894
1.188263612 1 0.924285112 1.030551178 0.78425122 0.685663195
1.087767397
YMR281W YMR281W::GPI12::N-acetylglucosaminylphosphatidylinositol de-N-
acetylase 1 1.23838721 1.432110519 1.143957666 1.651022042 1
1.099970819 0.990586219 1.415578306 1.412877153 1 1.169220313
1.348440056 1.802652509 1.298934828 1 1.226883006 0.917217101
0.931953632 1.302740108 1 1.014569211 1.683992892 1.110884784
0.885712918 1 1.394832699 1.186539221 0.948187981 0.836878072
0.950532252 1 1.272654032 1.113775771 1.239012523 0.938719406
1.217976035 1 1.39733357 1.18756013 1.02675319 1.166686459
1.295844162 1.907984609
YMR283C YMR283C::RIT1::Modifies initiator methionine tRNA to distinguish it
from elongator methionine tRNA 1 0.928761106 0.901110223 0.867038379
0.945234307 1 0.943091346 0.941141904 1 0.933816071
0.932826988 0.944190935 0.880628215 1 0.917021373
0.960824588 1 1.036907004 1.11481824 0.72908251 1
1.004478573 0.853533811 0.969363334 1 0.713404422 0.815699865
0.794363947 0.923870261 1 0.8959821 1.195340758 1.030491962
1.128552465 1.122573319 1.36597339
YMR285C YMR285C::NGL2::RNase; CCR4 C-terminal homolog; displays homology to
drosophila Angelgene; homolog to ngl1 and ngl3 1 0.858916306 0.85646089
0.932297917 0.949601995 1 0.981505869 0.791922541 0.855109123 1
0.845001101 0.795467971 0.668530648 0.915677532 1 0.646712737
0.493239682 0.512946323 0.680747359 0.863811895 0.84201893
0.663924989 0.94037092 1 0.939210381 0.978208592 0.745413278
0.854354963 0.996181711 1 0.969282185 0.908350435 0.922143418
1.003030263 1.195332976 1 0.97984203 0.843259778 0.950839189
0.93363554 1.275231969 1.58925761
YMR288W YMR288W::HSH155 1 0.802688143 0.702058479 1.068635743
0.773470122 1 1.201517521 0.974547765 1 0.799845914
0.907826785 0.525807421 1.14115184 1 0.542554126 0.487251713
0.360542533 1 0.968930563 0.920401
1.0800385 0.994763452 1.062127934 1 0.957824008 0.93300552
0.880841518 1.124693969 0.680500675 1 0.94444809
0.593917064 0.699647657 0.828340286
YGR218W YGR218W::CRM1::Involved in nuclear export 1 0.996400529
0.737257117 1.258762366 0.749095316 1 1.267491382 1.146502923
0.651475522 0.719632899 1 1.202877123 1.255742195 0.67990643
1.101102438 1 1.059405035 0.915018666 0.882352822 0.562056723 1
0.53665746 0.271134123 0.410454203 0.62565207 1 0.960627858
0.933149264 0.973053488 1.303249638 0.952988749 1 1.043942682
0.584005952 0.830216559 0.675767851 0.364161713 1 1.000746728
0.710228056 0.928237214 0.668821992 0.760559986 0.720638564
YGR220C YGR220C::MRPL9::Mitochondrial ribosomal protein MRPL9 (YmL9) (E.
coli L3) (human MRL3) 1 1.122305715 1.351444506 1.314725363 1.82732271 1
1.26687438 1.278018107 1.693315623 1 1.077567194 1.196116032
1.397891666 1.281819737 1 1.403523788 1.145369563 1.029596181
1.56439313 1 1.611674682 1.129825476 1.019573132 1.159127277 1
1.270824794 1.331180596 1.038032612 0.963427557 1.014287298 1

1.19158136 1.166514057 1.013293403 0.854208844 1.240769486 1
 1.124859289 1.229301442 0.97505983 1.580079505 1.120758711 1.442152689
 YGR222W YGR222W::PET54::translational activator of cytochrome c oxidase
 subunit III; required for splicing of cytochrome c oxidase subunit I mRNA 1
 1.072003712 1.414341095 1.23437134 1.497142035 1 1.200507733
 1.151612762 1.656852253 1.406594387 1 0.974201283 1.250420467
 1.408063494 1.339795364 1 1.193758853 1.45408747 1.129986071
 1.612731643 1 1.135508395 1.051680206 1.482870113 0.914985437 1
 0.979876175 1.107201251 0.88246122 0.704658494 1.088901968 1
 1.097038226 1.466900892 1.476012649 1.517832789 2.187883573 1
 1.348310782 1.412367704 1.39832602 1.885420882 1.853565855 1.617277531
 YGR224W YGR224W::AZR1::MFS-MDR 0.988723428 0.95319068 1.246732801
 0.893798685 1.24826059 1.266434443 0.812212708 0.96024512
 1.041666075 1.166661898 0.680105432 1.085698769 1.191316453
 1.017807054 1 1.684241819 0.881093746 1
 1.154313053 1.164179672 1.197832814 1.263356263 1 1.075233247
 0.986457991 1.179890379 0.991020442 0.871287799 1 1.054989841
 1.12541811 1.226485279 0.909105726 1.222120731 0.926410164
 YGR238C "YGR238C::KEL2::protein containing kelch repeats, similar to YHR158c
 and YPL263c" 1 1.111880399 0.990853188 0.777175156 1
 1.297631968 1.282043196 1 1.309871221 0.949749357
 0.85316473 1 1.03797762 1.598737628 1.259375981 0.859216045 1
 1.158811663 0.790120807 0.741626813 1 1.100083586 1.333912469
 0.974061855 1.272016691 1 1.150327274 0.973570902 1.026909401
 1.297056895 1.062418063 0.885932871 1.034349455 0.917186594
 1.202310385 0.849355305
 YGR240C YGR240C::PFK1::phosphofructokinase alpha subunit
 1.156178506 0.769840967 1.407745751 0.684299332 1.289425389
 1.301582607 0.70621433 0.770674146 1.391299381 1.160315552
 0.368098287 0.978010024 1 1.668736318 1.836076333 1.364856814 1
 0.475061289 0.295865253 0.099175873 1 1.238787444 0.876378512
 1.179978896 1.480065444 0.877156586 1 1.054139188 0.66933003
 0.926271792 0.781559953 0.366096259 1 0.980422477 0.885030916
 0.843866935 0.667528396 0.863380191 0.622568686
 YGR242W YGR242W::YGR242W::molecular_function unknown 1 1.027589094
 1.067470493 1.384133223 0.784201561 1 1.368884122 1.541283977
 1.002161201 0.872088518 1 1.220344857 1.384958364 0.590107692
 1.126560779 1 1.042043854 1.108819946 0.360151889
 0.532024304 1 0.971324808 0.959363589 1.097682067
 1.079873234 1.015476086 1 1.055307495 0.624229402 0.800337026
 0.854233318 0.659943131 1 0.700936026 0.527803413 0.986736705
 0.61352316 0.704630483 0.619066183
 YGR244C "YGR244C::LSC2::beta subunit of succinyl-CoA ligase (synthetase;
 ATP-forming), a mitochondrial enzyme of the TCA cycle" 1 0.74101861
 0.977040264 1.365889898 1.229925865 1 0.992795751 1.239871273
 1.234512005 1.312442265 1 0.847567559 1.190623496 1.269830187
 1.366153583 1 1.568565474 1.545622937 1.435692846 1.676668018 1
 1.434065876 1.030621579 1.575390833 1.526605394 1 0.85672146
 1.206733025 1.549483121 0.884346791 1.098972555 1 1.367158028
 1.153362694 1.899921041 1.766340968 1.069519315 1 1.184981115
 1.036333934 1.53534383 1.192766331 1.715966964 2.561200158
 YGR246C YGR246C::BRF1::RNA polymerase III transcription factor with homology
 to TFIIB 1 0.796412354 0.886154777 0.968691575 1.113873587 1
 0.937364347 0.931117011 0.89856633 0.999343987 1 0.869615602
 0.869693411 0.734084406 1.179137433 1 1.066291345 0.676752509
 0.652569294 1.020687552 1 1.003630353 0.908238813 0.986665105
 0.812257391 1 1.057737841 1.15548349 0.966179392 0.887365687

1.039017626	1	1.249691741	1.054792728	1.043534818	1.015614101
0.96574124	1	1.060849533	1.102184066	1.04043546	1.102598544
0.928647011	1.510451421				
YGR248W	YGR248W::SOL4::similar to SOL3	1	1.031715986	2.469425226	
2.292893092	1.879077261	1	2.022496236	2.84044955	2.337498071
2.577258504	1	1.458846947	3.624398831	9.506934206	1.989189358 1
9.639970479	13.67185127	22.11565223	13.84520428	1	4.968265525
8.175283931	19.30441033	1.311993976	1	0.926911168	1.542653756
1.489864432	0.666307842	0.806013638	1	1.11087194	1.735631291
2.477884087	2.173851108	2.036202517	1	2.127968464	2.225329112
1.783536289	1.350524538	6.290472663	2.083109451		
YML133C	YML133C::molecular_function unknown	1	0.924329212		
0.727743151	1.036255189	0.502709669	1	1.232584666	1.313382652
0.674989617	0.620092615	1	0.903104579	0.892313724	0.420048659
0.878562909	1	0.748093205	0.638528705	0.898951423	0.630452122 1
0.697261601	0.378503091	0.281321785	0.795297414	1	0.801665241
0.892251835	1.323360779	1.163569244	1.031777279	1	0.820834617
0.543570399	0.81945728	1.196572119	0.55665846	1	0.740412346
0.681087335	1.045746394	0.753903113	0.852323408	0.710131055	
YGR262C	YGR262C::BUD32	1	0.953687018	1.010366143	0.864929506
1.282141039	1	0.858601327	0.77119588	1.062242079	1.126690688 1
0.782222548	0.792650289	0.831052638	1.072411713	1	0.840323917
0.537392148	0.4884199	0.98089624	1	1.060160606	1.073588105
1.21762571	0.97535496	1	1.22972564	1.11934483	1.071560062
1.047988282	1.220859352	1	1.072590476	1.020615358	1.034264849
0.917554128	0.789706106	1	1.196854296	1.092728673	1.085752002
1.097367309	0.911692468	1.476302055			
YGR264C	YGR264C::MES1::methionyl tRNA synthetase	1	0.970562672		
0.545537588	1.148300889	0.676782161	1	1.287993954	0.876358739
0.51371691	0.57666781	1	0.866316122	0.597348491	0.200325485
0.712870864	1	0.820120245	0.604461538	0.433365474	0.457220162 1
0.457877323	0.202778498	0.20867993	0.084724704	1	1.217757207
0.844291849	1.063370939	1.187286023	0.986797192	1	0.934972305
0.777387988	0.664020398	0.605157646	0.49167635	1	1.087477146
0.785847282	0.94978049	0.983525739	0.559935932	1.01309692	
YGR266W	YGR266W::molecular_function unknown	1	0.852338096		
0.966162573	1.12855454	0.969438937	1	1.034087367	1.058405531
0.939904642	0.940279423	1	0.84720656	1.030299087	0.805582447
0.849208615	0.786455047	0.324788638	0.434666039	0.643639925	1
1.221552517	1.220152397	0.582457597	0.701757069	1.055666439	
1.052938793	1.075997248	0.96470723	0.973138786	1	0.90416473
0.691693977	0.856409514	0.826642732	0.612736234	1	0.924703782
0.77604226	0.740189117	0.955351994	1.017475036		
YGR268C	YGR268C::molecular_function unknown	1	1.142303502		
1.135936378	1.040883447	0.749954039	1	1.164168058	1.289422165
0.884818326	1.042128271	1	1.442078392	1.440622195	1.129801217
0.97340846	1	1.85107982	1.190814294	1.536995177	1.242687478 1
0.965068121	0.947750933	0.516236891	0.748483532	1	1.08839761
1.203310948	1.234279914	1.049824555	1.057893081	1	1.0415406
0.98326361	1.015201773	1.025836713	0.91574008	1	1.030401628
0.968175712	1.173241423	1.052168323	1.006905879	0.941295842	
YGR270W	YGR270W::YTA7::Member of CDC48/PAS1/SEC18 family of ATPases	1			
1.120356448	1.138361672	1.232502838	1.045586664	1	1.241677758
1.262568309	1	1.327513522	1.026050467	1.088356642	1
1.281870863	2.224850666	1.812680633	0.949314531	1	1.031820671
0.523946239	0.217684953	0.402397384	1	1.01638572	1.00297709
1.219449889	1.066194742	1.15493163	1	0.889060073	0.898187136

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1.364376668 1.017086954 0.975445103
YGR272C YGR272C::YGR272C::molecular_function unknown 1 0.713464887
0.873432542 0.827354846 1.222172726 1 0.728141507 0.622536946
1.030761421 1.200419444 1 0.588767849 0.609014453 0.907965554 1
0.603084157 0.582734936 0.558800148 0.331962495
0.642496216 1 0.630693869 0.621094709 0.734452639 1.047697878 1
1.036381961 0.882435481 1.298092337 1.407648481 1 0.755205815
0.966735303 1.597936947 1.176664547 0.920280823
YGR286C YGR286C::BIO2::Biotin synthase 1 1.320768117 1.168639674
1.278672181 1.215082503 1 1.070771546 1.239476325 1.322720523
1.342029045 1 0.830873768 0.651494753 0.844713058 1.493853874 1
0.418199834 0.655760599 1.241910133 1 0.692836524 0.900652855
1.115127148 1 0.481525962 0.362760462 0.328432298 1.365229779
1.0895008 1 0.29702041 0.345490762 0.202667365 0.218873822
0.936405943 1 0.397145964 0.279659373 0.677556273 1.038973293
0.590764661 0.938668951
YGR288W "YGR288W::MAL13::Part of complex locus MAL1; nonfunctional in S288C,
shows homology to both functional & nonfunctional MAL-activator proteins in
other Sc strains & to other nonfunctional MAL-activator sequences from S288C
(i.e. MAL33, YPR196W, & YFL052W)" 1 1.257594638 1.191381716 1.363790922
1.076333213 1 1.391170899 1.272972992 1.353289479 1.133420172 1
1.337494371 1.112419621 1.390646063 1 1.365639808
1.465162164 0.827235728 0.837685605
0.926843779 0.967892312 1.072327778 0.937734578 1 0.767182842
0.64637059 1 1.518290976
0.778429735
YGR290W YGR290W::YGR290W::molecular_function unknown 1.037974935
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0.998654949 1.018759074 0.992112507 0.992694903
0.741780644 0.412589716 1
0.957517964 0.908435776 0.998641622 1 0.879126792
0.985625144 0.715944928 1.573075016 1
1.600298137 0.985077
YGR292W YGR292W::MAL12::Part of the complex locus MAL1; functional in S288C
0.825191721
1.06222647 1
1 0.958274039 0.887286098 1.073321227 0.97486246 0.994395573 1
0.877782913 0.817817244 1.100306835 0.866392481 1 1.28929507
1.120536873 1.229089352 0.948300744
YMR306CA YMR306CA::YMR306C-A::molecular_function unknown 1 1.428404188
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1.557300887 1 1.195639204 1.475261507 1.135640773 1.229168921 1
1 0.785963304 0.254284204 0.863254001 1
0.905989809 0.843912445 0.997506626 0.695045582 1 0.798996513
1.01696583 0.923352399 0.776214071 0.96513027 1 1.008201225
1.133315951 0.986690361 1.296996477 1.020689414 1.011345695
YPR109W YPR109W::YPR109W::molecular_function unknown 1 1.447195464
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1.422062188 1.377240676 1 1.010219233 1.229693006 1.330399726
1.300561106 1 1.81726093 2.104687354
0.651921682 1 1.284444679 1.255769762 1.268420797
1.04577706 0.982789381 1 1.107140936 1.318308057 1.084836276
0.925868374 1.194069525 1 1.175445755 1.420357161 0.942762514
1.665109159 0.915762853 1.429894006
YPR111W YPR111W::DBF20::kinase required for late nuclear division 1
0.851939717 0.947768436 0.953238946 1.023581472 1 0.953600282

0.980046426	1.059709398	0.889455517	1	1.005329502	0.871693392	
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0.945813481	0.980128336	1.084104991	0.851578999	0.945673958		
YPR125W	YPR125W::YPR125W::not yet annotated	1		0.718855568	0.778608625	
0.910636926	0.813105259	1	0.81710397	0.850176772	0.852370934	
0.884426802	1	0.693252961	0.67966162	0.685670157	0.789396835	1
0.956813615	0.899508719	1.16261857	1.091781108	1	1.104791605	
1.177956086	0.823037733	0.984282192	1	0.972572145	0.934408185	
1.119287663	1.005864522	0.983843104	1	1.019162444	1.171199701	
0.820379542	0.831295538	0.806977616	1	0.880613929	0.940734024	
0.954291738	0.993111548	0.843742686	0.949176408			
YPR127W	YPR127W::YPR127W::molecular_function unknown	1		0.877712445		
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1.558174698	1.225042765	3.001397174	3.04732482	1	2.58336925	
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0.927325995	1.001729874	1	0.993788164	1.228560484	1.363122654	
1.508930233	1.069239533	1	0.945003415	1.334784909	1.429269066	
1.296875223	1.263342895	1.230251695				
YGR294W	YGR294W::YGR294W::not yet annotated	1		1.602687027	1.822832891	
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1.967700831	1	1.554183514	1.388124646	2.529499288	1.626600095	
0.289452666	0.292801887	0.234547502	0.437345067	1		
1.991071778	1	0.978816863	1.115744463	1.035321124	1.025939567	
0.908602577	1	1.043898705	1.585730499	1.538769523	1.185281285	
2.124753416	1	1.021717425	1.499187223	1.118501709	1.449676709	
1.179465531						
YPR129W	YPR129W::SCD6::multicopy suppressor of clathrin deficiency	1				
1.052213636	1.276525837	1.132982503	1.455886992	1	1.282398741	
1.269036236	1.413602974	1	1.154727389	1.175053118	1.30208955	
1.132138269	1	0.964041936	0.684799529	1.044431559	1.137646793	1
1.07340135	1.361745322	0.999402651	0.73129196		1.208595416	
1.279357377	1.119441248	1.108201371	1.105187133	1	0.945492795	
1.025117791	0.986112811		1.098331497	1	1.16755164	1.267797062
1.203432436	1.359601879	1.302900938	1.068261305			
YGR296W	YGR296W::YRF1-3::Y'-helicase protein	1	1	2.312914809		
2.093547489	2.093304896	2.148882187	1	1.898844726		1
2.050973968		1				
	1	1.234496961	0.853366031	1.080855641	1.056446568	
1.211974811	1	1.312749672	1.302341291	1.078560893	1.823654684	
2.327192661	1	0.867770767	0.939776728	0.768718857	1.410047244	
0.806082344	1.539347006					
YPR131C	"YPR131C::NAT3::Non-essential gene, growth of null mutants is retarded on both YPD & YPG media. The mating efficiency of MATalpha cells, but not MATa cells, is reduced by nearly three orders of magnitude."	1				
0.798467915	1.018452361	0.875831649	1.22742282	1	0.847007908	
0.799380963		1.021825235	1	0.752087529	0.849001051	0.882377499
0.942797356	1	1.057548601	0.910445189		1	1.477767667
1.525447871	2.423109822		1	1.292080883	1.341908052	1.160364751
0.985476001	1.210916151	1	1.120763986	1.564667617	1.545109936	
1.394418751	1	1.277679107	1.369173998	0.945744102	1.650377599	
0.932697694	1.163704293					
YHL014C	YHL014C::YLF2::Protein with weak similarity to B. subtilis GTP-binding protein and to human glycogen phosphorylases	1		1.370346667		

1.40793519 1.523583757 1 1.249439928 1.287364441 1.404806566
1.38055201 1 1.079942977 0.932495741 1.093296304 1.166301417 1
1.029311211 0.857722819 0.798452876 1.243903542 1 0.822743335
1.09422121 0.932487224 0.749639152 1 0.826353886 0.748252463
0.71521844 0.820336862 0.917862555 1 1.02980627 0.948191782
0.81861047 1.821230523 1 1.077273944 0.936490028 0.881097482
1.240641323 0.922907714
YPR133C YPR133C::IWS1::Interacts with Spt6 1 1.205791559 1.943811365
1.164394187 2.386618237 1 1.256630717 1.287736245 1.811510527 1
1.170274588 1.241884447 2.026823076 1.058302764 1 0.897355083
0.611096871 0.528123699 1 1.619677825 1.936794766 1.662780361
1.146146171 1 1.037105298 1.381633014 1.293097237 0.999347653
0.986274927 1 1.326083206 1.993502542 1.76743771 1.241445292
1.608594172 1 0.847939925 1.243912546 0.839904119 1.042451074
0.924109414 1.042868171
YHL016C YHL016C::DUR3::Urea active transport protein 1 1.067863683
0.908264245 1.173535104 0.943638047 1 1.414360904 1.351642064
1.064841549 1.1624816 1 1.675341725 0.984610406 1.160411098 1
1.879997249 1.142001801 1.261965482 0.642170904 1 1.097582135
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1.082146195 0.907981142 1 0.655364796 0.7840865 1.071468847
0.863463786 1.081689374 1 0.77435427 0.83372812 1.15899041
0.872424811 1.040405988 0.962310756
YPR135W YPR135W::CTF4::May function in DNA synthesis 1 1.425804954
1 1.273817975 1.568440417 1 0.891709942
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 0.885618562 0.654405134 1.288165626 1.177039757
0.818125578 1 0.774177083 0.705311492 1.071596267 1.336592823
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1.031168948
YPR149W YPR149W::NCE102::involved in secretion of proteins that lack
classical secretory signal sequences 1 1.409247575 1.33310117
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1.339118443 1 1.337330072 1.414901808 1.065743593 1.042131618
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0.840974061 1 1.144581177 0.742840728 0.901917752 1.250613015
1.492813943 1.063883189
YHL020C YHL020C::OPI1::Negative regulator of phospholipid biosynthesis 1
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1.103243299 1.063251959 1.063490198 1 1.021875613 1.151026212
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0.951551137 1 1.23638935 0.703622148 1.00197536 1
1.106688632 1.052201403 0.891325517 0.883289617 1 0.951659398
0.898119196 1.024571245 1.020830958 0.892263925 1 1.109364562
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YPR151C YPR151C::YPR151C::molecular_function unknown 1 1.264326819
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0.577435112 0.996411918 1.036272607 0.539731093 0.676219312
1.113593945 0.730666271 1.259955435 0.898390244
YHL022C "YHL022C::SPO11::Dispensable for mitosis, premeiotic DNA synthesis, spindle pole body duplication, meiosis I, meiosis II & spores. Required for chromosome pairing seen by in situ hybridization, double strand breaks, synaptonemal complexes." 1 1.661237658 1.368275553 1.398671778 1
1.344650881 1.373665743 1.397171801 1 1.174593922 1.281348845
1.551721336 1.23880907 1 0.858420044
0.3806826 1 0.81025615 0.995827337
0.884432713 0.976751256 1 1
0.760036942 0.70837312 0.865116491
YHL024W YHL024W::RIM4::Regulator of IMe2 expression 1 1.272548824
1.21823038 1.382419603 0.938492595 1 1.317081896 1.340744335
1.038234375 0.9873378 1 1.206731604 1.452015751 1.464508802
1.048438199 1 1.272294505 2.809290969 1.598291984
0.577426823 0.484188825 0.371799836 0.923280166 0.958137449
0.937734578 1 0.80426434 0.530460474 0.974086995 0.910949302
0.78223488 1 0.836083805 0.665391814 0.864678454 1.211664717
0.912400256
YHL038C YHL038C::CBP2::Protein required for splicing of COB aI5 intron 1
1.424561731 1.493744336 1.527889336 1.467065248 1 1.242476179
1.594877938 1.573273286 1 1.433734224 1.559509867 1.866054988
1.594874527 0.685937681 0.778955919
0.748088544 0.283741982 1 0.891244478 1.049249169 1.115845092
1.320136904 1.235966877 1 1.057962012 1.054862208 0.823709516
1.072250731 0.933502929 1 0.768172983 0.628947819 0.877287513
0.793252183 0.773403579 1.34145592
YHL040C YHL040C::ARN1::Transporter that specifically recognizes siderophore-iron chelates and is expressed under conditions of iron deprivation.
1.05398168 1.038602017 1.057766094
1.186341921 1.127526306 0.810602901 1
1 6.790232289 9.35107061 8.332060432
1.269178765 1.753606761 1 10.92840475 15.91490546 13.52383301
4.606055862 0.328098534 1 13.74451271 17.65474736 3.899572774
0.576503723 0.472807972 1.525336994
YPR153W YPR153W::YPR153W::molecular_function unknown 1 1.121102658
0.96419535 1.098281417 0.814300685 1 1.128857544 0.994326692
1.534542887 1 1.004946695 0.826145043 0.821759362 0.879394185 1
1.016422179 0.976608562 0.258445077
0.33483727 0.779481295 1
0.513246153 0.830516405 1 0.561854888 0.522231705
1.105099499 0.351567184 0.875624
YPR155C YPR155C::NCA2::Regulates proper expression of subunits 6 (Atp6p) and 8 (Atp8p) of the Fo-F1 ATP synthase 1 0.897144311 0.927924884 0.977648615
0.982961586 1 1.02524735 1.05796634 0.861806101 0.907186955 1
0.944871023 1.046053332 1.155679977 0.874244757 1 1.238300007
0.626350576 1.378516334 1.190962599 1 1.305390341 1.418934637
1.925992121 0.833249118 1 0.934905 1.336423329 0.656943296
0.809002646 1 1.030041798 1.231073456 1.443440478 1.227859793 1
1.073426656 1.052944494 1.121297175 1.490300143 0.858109149 1.057753744
YPR157W YPR157W::YPR157W::molecular_function unknown 1 1.119417968
1.019577734 1.06522722 0.89099287 1 1.077969662 1.126807147
1.127679561 1 1.072239759 1.062069592 1.03349461 0.948151957 1
1.273423199 0.935147187 1.143960205 1 0.827989297

1.553158371 1.183666005 1 1.217694759 1.251032446 1.12635384
1.364255351 1.127030079 1 1.214821632 1.128588951 0.946981387
1.603212799 1.014675037 1 1.780727643 1.558612902 1.140624049
1.517428248 1.052336468 0.684737973
YPR159W YPR159W::KRE6::cell wall beta-glucan assembly 1 0.696460894
0.575395102 0.83500564 0.442211796 1 0.841384744 0.817743714
0.535110852 0.584384875 1 0.729335754 0.590450881 0.338146719
0.786294287 1 0.541241672 0.388632049 0.448826829 0.438086749 1
0.450481824 0.37725392 0.322835908 0.473068683 1 0.80301471
0.655091276 0.99655402 1.109951722 0.794557547 1 0.987563088
0.452816831 0.907128062 0.988676797 0.253639279 1 0.58119099
0.399810982 0.837986097 0.505617219 0.5315024 0.576160585
YHL042W YHL042W::YHL042W::molecular_function unknown 1 1.679454213
1.296099661 1.523502449 1 1.395584395 1.42934774
1.466119826 1 1.184152699 1.308609875 1.617796439 1
0.82483617 1.422798927 0.830836684 1
1.307009231 1.270345983 1 1.076094215 0.937390928
0.789556559 0.804147388 1.355253733 1 1.14598437 1.247951184
0.450033335 1.345569915
YPR173C YPR173C::VPS4::Defective in vacuolar protein sorting; homologous to
mouse SKD1 and to human hVPS4 1 0.731111928 0.87976261 0.946662597
1.100270161 1 0.928980767 0.899283181 1.194848912 1
0.688546879 0.839244215 0.884403441 0.984202774 1 1.155479328
0.672139489 1.012582804 1.291551144 1 1.073818336 1.303333276
1.056776753 1 0.902525155 1.043566957 0.976103263 0.854496807
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1.132429565 1 1.117485639 1.096349625 0.827288731 1.299884766
0.926068394 0.863365265
YHL044W YHL044W::YHL044W::molecular_function unknown 1 1.297121229
1.441724133 1.203390402 1.656935526 1 1.279138623 1.437217399
1.775954493 1.519685062 1 1.363429985 1.700306636 2.536594618
1.645080783 1 1.662219983 2.478095238 2.840220076 2.830467952 1
2.536127715 2.950303647 4.117360874 3.131434979 1 1.145164274
1.385944918 1.099881103 1.249609567 1 0.930951053 1.804825863
2.055766739 1.60597459 1 1.32976834 1.337842849 1.215430385
1.265163001
YPR175W "YPR175W::DPB2::DNA polymerase epsilon, subunit B"
0.994879931 0.991910469 1.09242864 0.944705059 1.129609258
1.026987173 1.132857925 1.102733122 0.80777346 0.80915349
0.986269683 1.271706735 1 0.609747531 0.396822321 0.532120641
0.879323496 1 0.817309035 1.845473848 1.271927669 0.988673397 1
0.943058046 0.949628935 0.9358314 0.875637312 1.137781712 1
1.835074711 0.867086684 1.166175067 1.349836578 0.875331443 1
0.652078911 0.589032703 0.780715421 0.621861996 0.45156652 1.119047469
YHL046C YHL046C::YHL046C::molecular_function unknown 1 1.271811803
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1.296174784 1 1.179576809 0.727633591 1.679367138 1.596253409 1
2.429519243 1.238994527 1.619404921 1 0.859508461 1.136011205
0.862046004 0.783461666 1 1.155897619 1.80770602 1.37715748
1.407208778 2.402884531 1 0.989861086 1.424000798 1.07325967
1.1987853 1.101535006
YPR177C YPR177C::YPR177C::molecular_function unknown 0.881601517
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1.05688916 0.986206998 0.964637905 0.79696199 1.056329127 1
0.480357353 0.613020941 1 0.880143503 1
0.872853426 1.119500106 1.059169588 1.133085714 1.13536234 1

1.094967651 0.874177496 1.288625506 1.322565722 1
0.734182045 1.362792026 0.706950822 1.04885394 0.904519585
YHL048W "YHL048W::COS8::Protein with similarity to subtelomerically-encoded
proteins such as Cos5p, Ybr302p, Cos3p, Cos1p, Cos4p, Cos8p, Cos6p, Cos9p" 1
1.842074985 1.29070921 1.562687347 1.53346093 1 1.671257476
1.679300126 1.228287629 1.539868457 1 1.504020346 1.32115065
1.41941809 1.293214606 1 1.464302837 1.445434309 1.579629128
1.376501989 1.054480538 1.232138165 1.400228579 1
1.049234052 1.078941135 1.510336944 1.230772291 1.108582073 1
0.861582832 0.961451338 1.122791685 0.651209979 0.832373118 1
0.992923501 0.966496435 0.877019923 1.151942297 1.282125849 1.048997512
YPR179C YPR179C::PLO1::Ploidy-related. Nuclear protein 1 0.632873723
0.749973606 0.792484956 0.709567834 1 0.819208224 0.771861239
0.674996275 1 0.706023839 0.678159018 0.65381681 0.776412801 1
0.763251565 0.780867349 1 0.848720938 1.217714912
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1.2172809 1 0.978067223 1.039625332 1.252415944 1.323626923
0.621764213 1 0.62587753 0.522816944 0.63378277 0.634886512
0.580915586 1.133057482
YHR012W YHR012W::VPS29::vacuolar protein sorting 1 1.033026917
0.996672069 1.046438059 1.180932266 1 0.908786415 0.960113745
1.135615575 1.089648906 1 1.039742796 1.262412396 0.964230952
1.165321504 1 1.260284774 1.12893646 1
1 1.156002856 1.444549389 0.969707253 1.051140488 1.163309516 1
1.268843981 1.853402745 1.843409067 1.250687833 1.429396136 1
1.195320454 1.494415793 0.986837728 0.929803236 1.334264716 1.061256299
YPR181C YPR181C::SEC23::cytoplasmic GTPase-activating protein 1
1.006906959 0.72714901 0.911276324 0.507412698 1 1.062437789
1.02719293 0.608505292 0.525126377 1 1.206231997 0.905385967
0.566711788 0.654344503 1 0.892396817 0.89409066 0.862492883
0.396747164 1 0.456955411 0.32566504 0.308492093 0.474033585 1
1.090933003 0.713869317 0.939651534 1.080495939 0.641249252 1
0.82890254 0.456008986 0.714519342 0.680442647 0.240901163 1
0.747595011 0.508522541 0.779973611 0.483076774 0.576009719 0.493851945
YHR014W YHR014W::SPO13::Spo13 acts as a transcriptional activator in a one-
hybrid assay (see Henninger et al (1996) SPO13 and control of meiotic chromosome
segregation in *Saccharomyces cerevisiae*) 1 1.456540227 1.210424414
1.174321111 1.40180047 1 1.13690121 0.977267395 1.281026445 1
1.368290935 0.999904316 0.877257366 1.234797411 1.336062318
1 0.889294974 1.048133725
0.988964271 1.160530402 1 0.88126483 1.098606241
1.247952147 1.488388596 1 0.823725463 1.004839326 0.279786092
0.973577684 0.959683866
YPR183W YPR183W::DPM1::dolichol phosphate mannose synthase 1
1.46415139 1.352094898 0.725618194 0.712907256 1 1.151763345
1.055013803 1 1.478098628 1.13685488 1.212910197
0.675922074 1 0.951399864 0.721070067 0.547915859 0.839188205 1
0.845470556 0.742730186 0.515098481 0.928906654 1 1.393291981
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1.148755591 0.964429053 1.02815012 0.797234716 1.058629408
YHR016C YHR016C::YSC84::SH3 domain in C-terminus 1 1.108494913
1.156917107 1.35525599 0.918221173 1 1.538248848 1.571020568
1.005225108 1.043029498 1 1.210696886 1.801413183 1.2797407
1.606283989 1 1.775873016 0.567896842 2.986045098
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0.979537608 0.699403456 1 1.111559951 1.533088146 1.264963874
 0.726123533 1.730511184 0.774051619
 YHR018C YHR018C::ARG4::argininosuccinate lyase 1 1.40560468
 1.171744038 0.884753131 0.499759235 1 1.043261482 0.968690465
 0.581934074 0.582351995 1 3.229093526 1.894514021 0.385698919
 0.448069154 1 1.243035166 1.179367315 0.433248021 0.522825899 1
 1.912544185 0.680575543 0.546026509 0.675028636 1 1.071677653
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 1.33745515 2.260248742 1.270263464 0.7466136 1 3.603015876
 1.49883828 2.506771552 0.653677706 1.16063975 0.980698884
 YHR020W YHR020W::YHR020W::not yet annotated 1 1.071584379 0.524334419
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 0.952138777 0.663247298 0.256556796 0.736811173 1 0.59772977
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 YHR022C YHR022C::YHR022C::molecular_function unknown 1 1.024630032
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 YPR197C YPR197C::YPR197C::molecular_function unknown 1 1.028696309
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 0.628691306 0.959412926 0.852303003 0.47674964 1 0.943409688
 0.71611161 0.958833535 0.80818871 0.737424808 0.829215951
 YPR199C YPR199C::ARR1::Similar to transcriptional regulatory elements YAP1
 and cad1 1 0.885708277 1.001896667 0.855018599 1.127584812 1
 0.811802509 0.927056555 1.101940259 1 0.869356197 0.851233373
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 YPR201W YPR201W::ARR3::Putative membrane protein involved in arsenite
 transport 1 1.027319439 0.92577032 1.105930236 0.767860893 1
 1.183090431 1.320392309 1 4.650739328 3.665971255
 1.22951469 1.718691972 1 2.130006104 2.231837042 1
 2.641250094 1 2.112292511 3.669111039 3.029825647
 1.290544289 1.029309515 1 2.202462329 4.020036554 8.162822006
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 0.664269916 1.670588077 1.495565744
 YPR203W YPR203W::YPR203W::molecular_function unknown 1 0.898383722
 0.61744598 0.990355726 0.498610385 1 1.233300654 1.26568999
 0.552411575 1 0.9237834 0.872850343 0.353440479 0.799108983 1
 0.574416329 0.467478585 0.637483653 0.439080832 1 0.516863674
 0.521067321 0.490295572 1 0.860153391 0.925666591 1.167423681
 1.142172973 1.03400217 1 0.706513456 0.435808561 0.706754006

	1.099671893	0.414293898	1	0.607295785	0.457317831	0.798032162			
	0.532080804	0.694940873		0.655842387					
YHR036W	YHR036W::YHR036W::molecular_function unknown						1	0.694063508	
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	0.692428957	0.674661855	0.836867351	0.745923246	1	0.590777956			
	1.0598746	0.794557604	0.692487731		1.56466889				
	0.890051473	0.497573422	1				1		
	1.183643361			8.550468661					
YHR036W	YHR036W::YHR036W::molecular_function unknown								
							1	1.000469582	
	1.121586943	1.086694376	1.319124256	1.191809557	1	0.850256794			
	0.71461371	0.760376162	1.079374487	0.670488623	1	0.785362339			
	0.64902661	1.032152176	0.560322468	0.781737858	0.490349442				
YHR038W	YHR038W::FIL1::Putative mitochondrial ribosome recycling factor						1		
	0.760340445	1.104605787		1.176986547	1	0.869047083	0.912719439		
	1.238706184	1	0.879752567	0.959785306	1.487303779	0.979708283	1		
	1.016995868		1.470587998	1.837625802	1	1.04322839	3.14652642		
	2.061528256	1.459401499	1	1.148988991	1.217342035	1.437247547			
	1.4007805	1.260856968	1	1.100740064	0.774731454	1.025111652			
	1.018219622	0.647484834	1	1.059202046	0.909744911	1.049808664			
	0.613772224	0.836806648	0.817832829						
YHR039C	YHR039C::MSC7::Meiotic Sister-Chromatid recombination						1		
	1.905959508	1.37108457	1.334690431	1.505312408	1	1.315276478			
	1.162550792		1.205769864	1	1.362909813	1.296765794	1.080512792		
		0.540745968						1	
	1.1504647	1.171874572	1.628613956	1.397542862	1.027180839	1			
	1.027011324	1.06420883	1.03463714	0.739083428	0.658933488	1			
	1.208052615	1.150055866	0.968463756	0.936493322	1.028540586	1.099783781			
YHR041C	YHR041C::SRB2::RNA polymerase II holoenzyme/mediator subunit						1		
	1.287581578	0.869307791	0.700811134	0.561901742	1	0.823765252			
	0.772175871	0.931477015	0.922960353	1	1.048607551	0.882733656			
	1.22101376	0.73335827	1	0.712638263	0.676790259	0.799711798			
	0.798932067	1	1.086596974	1.413753362	1.028013899	0.942745499			
	0.757797275		1.20632925	0.737831333	0.539675818				
	1.482552963	1		0.852222857	1.482924317				
YHR041C	YHR041C::SRB2::RNA polymerase II holoenzyme/mediator subunit								
								1	
	0.849081684	0.981661974		0.762280233	0.999925655	1	1.083063947		
	1.007083598	0.972304971	0.997166648	1.034448323	1	0.883183422			
	1.239578088	0.965284274	0.918899168	1.177063923	0.921156488				
YHR043C	YHR043C::DOG2::2-deoxyglucose-6-phosphate phosphatase								
	0.842200327		0.878862771	1.195321106		0.862038351	0.927034388		
	1.156707574	1.034586683		0.740258075	0.899059475	1.378907819			
	0.933955502	1	1.584377097	1.277665842	1.477162578	2.059238948	1		
	2.171782741	2.735063844	2.564160407	2.089748137	1	0.898366324			
	1.695038271	2.696452609	1.516042926	1.115124925	1	0.511629221			
	1.091652518	1.530427574	0.683143845	0.741876208	1	0.539341757			
	1.338627201	1.844965903	0.672354199	1.394923705	0.50348379				
YHR045W	YHR045W::YHR045W::molecular_function unknown						1	0.866641387	
	0.795343486	0.906409023	0.751618669	1	0.823859635	0.753404933			
	0.748470161	1	0.680370855	0.538362804	0.458156267	0.954613387	1		
	0.357338638		0.543751875	0.666582191	1	0.627353092			
	0.972806363	0.896450024		0.626552317		0.758192015			

	0.742532694		0.915203521		1	1.660128216
	0.951503553	1.296640405	0.809008308			
YHR045W	YHR045W::YHR045W::molecular_function unknown					
					1	1.412127827
	1.280633346	1.425835997	1.594740911	1.571502261	1	0.879526648
	0.685569226	0.99985281	0.909702831	0.572326176	1	0.748716341
	0.532295608	0.725457761	0.298617605	0.808074722	0.487722552	
YHR059W	YHR059W::FYV4::Function required for Yeast Viability on toxin exposure					
	1	1.232505454	1.778076928	1.408279533	2.161977002	1
	1.197223305	1.286207132	1.942315484	1.822762112	1	1.162902434
	1.539519394	1.980621709	1.407946221	1	2.03658345	1.997868203
	1.017969961	2.531505414	1	1.238243668	1.960605219	1.66364551
	1.266971312	1	0.84073109	0.872000859	0.786099326	0.675016749
	0.910155067	1	0.806938368	0.965545212	0.740580078	1.177016121
	2.247232042	1	1.021197737	1.066048468	1.001435279	1.886943693
	1.00052612	1.082271213				
YHR061C	YHR061C::GIC1::Gtpase-interacting component 1 1 1.119423427					
	1.022546776	0.991409307	1.091890964	1	0.983850307	0.948148559
	0.956232251	1.004522993	1	0.907389287	0.910071486	0.993399383
	1.061633222	1	0.73107726	0.52317965	0.899007707	0.820494159 1
	0.972749217	1.07176149	0.794608154	0.701324543	1	0.621178512
	0.714854115	0.670814326	0.62652767	0.873199904	1	0.938504938
	0.87867513	0.676983077	1.214251884	0.642556986	1	1.093331532
	1.039645105	1.231922819	0.965277193	1.052395569	0.750409762	
YHR063C	YHR063C::PAN5::ketopantoate reductase 1 0.791702648					
	0.908995332	0.870802491	0.900786463	1	1.035740954	0.899043477
	1.036779284	0.892829606	1	0.835352172	0.965428232	0.795635777
	1.08711594	1	1.219936077	0.802856548	0.79438542	1.059855405 1
	1.157014071	0.875903539	0.971473134	1.133824743	1	0.892552549
	0.997693235	0.68334975	0.865968633	1.070658157	1	1.155794717
	1.366548712		0.822636206	1.907262368	1	1.209981488 1.424652071
	0.830186174	1.853284005	1.134392788			
YHR065C	YHR065C::RRP3::Required for maturation of the 35S primary transcript of pre-rRNA and is required for cleavages leading to mature 18S RNA 1					
	0.895245617	0.82296429	1.118347272	0.950500021	1	1.047768818
	0.922300532	1.006837081	1.08434287	1	0.589027302	0.514885794
	0.56055674	1.117185781	1	0.381046112		0.5995983 1
	0.641348215			1	0.991952719	0.993021449 1.182811042
	0.909479949	0.999422072	1	1.163106947	0.982242206	0.787436481
	1.050863801	0.715246735	1	1.011890269	0.829937622	0.983051618
	0.851997961	0.87000316	1.088400659			
YHR067W	YHR067W::RMD12::Required for Meiotic nuclear Division					
	0.948090967	0.967995327	1.098019365	0.970158276		1.111448283 1.098382
	1.35942951	1.142381961		0.903018384	1.004831137	0.843704655
	1.109194553	1	0.863374077	0.415501677	0.706554647	1.336688635 1
	1.592094317	1.234953908	1.315819863	1.247707163	1	1.147885939
	1.13415738	1.249223171	1.126311131	1.050103205	1	1.066467286
	1.218373853	1.021535193	0.891017849	1.184272177	1	1.1050588
	1.157559059	1.096848482	1.527526291	1.075055958		
YHR069C	YHR069C::RRP4::Ribosomal RNA Processing 1 0.767884167					
	0.751044409	0.899623149	0.969661546	1	0.807553653	0.767418442
	0.965507314	1.08158817	1	0.608141948	0.578506366	0.606008091
	1.001514359	1	0.527548236		0.535951193	0.78523679
	0.379518448		0.249577652	0.568571084	1	1.276647372 1.364723809
	1.077102479	0.964259279	1.084251892	1	1.089276012	1.875472207

1.114527831 0.768281829 1.827977379 1 1.170854435 1.708547779
1.127971675 1.849483417 1.275218947 1.633038768
YHR082C YHR082C::KSP1::Serine/threonine kinase similar to casein kinase II
and other serine/threonine protein kinases 1 0.878595415 0.949351175
1.171860793 0.795106372 1 1.17439856 1.310348604 0.782951489
0.723658772 1 1.170489399 1.160236027 0.928048205 0.951292409 1
1.597819211 0.831958516 1.292177172 0.942441102 1 0.651262224
0.781947299 0.781768397 1 1.023806382 1.307681452 1.301390572
1.286442532 1.2909618 1 0.966046309 1.11722734 1.506549021
0.840408749 1 1.139711173 0.976983818 1.285064865 1.199599316
1.299340423 0.910648927
YHR084W YHR084W::STE12::Involved in pheromone and pseudohyphal growth signal
transduction pathways 1 0.650510707 0.61131734 0.772970379 0.50712351 1
0.825235286 0.85247416 0.618128429 0.545749706 1 0.601164449
0.624816934 0.345502945 0.615678292 1 0.497054518 0.216198187
0.522967792 0.605073088 1 0.483591388 0.945307857 0.65866672
0.598953749 1 1.021873037 1.14037001 1.199713735 1.089570875
0.940903177 1 1.082503377 0.917299086 0.801159417 0.712428735
0.951089663 1 1.004070129 0.777138611 0.954676381 0.780904064
0.999889738 1.133933042
YHR086W "YHR086W::NAM8::May be non-essent. part of mito. splicing. Assoc.
with spliceosomal snRNPs. Disp. for mitosis & premeiotic DNA synth. Required in
meiosis-specific splicing of MER2 & MER3, double strand breaks, synaptonemal
complexes" 1.182035494 1.077321805 1.248969064 0.844850223
1.24947123 1.315861586 0.997709968 0.950332966 1.358747233
1.0841599 0.746713672 1.21884131 1 0.978222306 0.458094492
0.953552135 0.750971823 1 0.799115957 0.680627684 0.706029164
0.491735681 1 0.951536656 0.939968354 1.043344497 0.922802787
0.961732316 1 0.625695053 1.546877534 2.301830387 1.908563403
2.192866681 1 1.273256486 1.416585994 1.745702397
1.45266025
YHR088W YHR088W::RPF1::protein that localizes to the nucleolus 1
1.220719354 1.215646816 1.187281619 1.557870166 1 0.942878159
0.914165405 1.589764504 1.795476364 1 0.747052838 0.810312031
1.010428325 1.527571219 0.66080834 0.593900097 0.790796909 1
0.821411784 0.659434158 1 0.82939304 0.808473285
0.876834461 0.872898515 1.027568601 1 0.984443144 1.018155907
1.000255208 1.311431039 0.82046012 1 0.997122883 0.795594245
1.012454145 0.880463864 1.189961181 0.851106531
YHR090C YHR090C::YNG2::Yeast homolog of mammalian Ing1 1 0.882924287
1.226873106 1.138317716 1.636124759 1 0.967560448 0.902822138
1.549780569 1.351779586 1 0.861778803 1.110561554 1.184318531
1.234373064 1 1.057193419 0.952273708 1.571093223 1
1.338418954 1.594041688 1.586766388 0.991185913 1 0.674719717
1.159941298 0.991620083 0.810852231 1.070013418 1 1.053239633
1 1.266728192 1.604766772 1.143002128
YHR092C YHR092C::HXT4::hexose transporter 1.129090174 0.800589064
1.085719784 0.846808194 1.178038332 1.095086831 0.768488378
0.812801078 1.132088461 0.640976509 0.813321913 0.682355359
4.48325889 1.448016076 1.300770345 1.065856692 1 2.630482656
0.744430022 0.705903568 1.056487928 1 0.899357651 0.882066857
0.945923804 0.926495871 0.867688362 1 1.095341499 1.017784361
0.679873933 0.951903157 0.764186309 1 1.008261887 0.89656339
0.921206298 0.962817558 0.962372623 0.799444701
YHR092C YHR092C::HXT4::hexose transporter
1 0.936814336 1.35153641

0.732439385 1 1.067754591 1 1.13587005
 1.371675666 1.601087549 0.736644902 2.880802927
 YHR106W YHR106W::TRR2::mitochondrial thioredoxin reductase 1
 1.10759709 1.17709463 1.02032876 0.957892299 1 1.00794417
 1.103235701 1.137441365 1.152067844 1 1.267010487 1.483230523
 1.396094153 1.115623382 1 2.301855768 2.501813139 2.16135036
 2.173999065 1 1.634332568 1.705835861 1.546380145 1.100831266 1
 1.05927071 1.171554794 1.255994278 0.803859821 0.975330144 1
 0.971644671 1.338774214 0.811276663 0.66597221 0.729295899 1
 1.321620864 1.418137848 1.236200469 1.057285378 1.041033598 1.099783781
 YHR108W "YHR108W::GGA2::Golgi-localized, gamma-adaptin homology, Arf-binding.
 Interacts with Arf1p and Arf2p in a GTP-dependent manner. Effector of Arf that
 facilitates traffic through the late Golgi." 1 0.852154804 0.846332065
 0.919409521 0.75899425 1 0.983565828 1.008134584 0.820931799
 0.757467922 1 0.898965991 0.900222229 0.647960044 0.875160072 1
 0.981428655 0.842523118 0.851525226 0.893687831 1 0.68590941
 0.73409275 0.5130596 0.744745752 1 0.677411948 0.682896663
 0.616521736 0.918293692 0.680254257 1 0.934421192 0.804232774
 0.563064437 0.893684808 0.937543179 1 0.970874205 0.764481634
 1.060295117 0.775627498 1.356375742 1.084898103
 YOL094C YOL094C::RFC4::RFC is a DNA binding protein and ATPase that acts as
 a processivity factor for DNA polymerases delta and epsilon and loads
 proliferating cell nuclear antigen (PCNA) on DNA 1 0.963470186
 0.891578178 1 0.907908637 0.890509798 1.115982756 1.085330307 1
 0.800575785 0.834550428 1.002020733 1.204399868 1 0.647702021
 0.372437022 0.68775288 1.131263389 1 1.157420171 1.533123257
 1.323515656 1.547160992 1 1.002142926 0.89573381 0.988636372
 0.850505943 1.000963131 1 1.039946858 1.169733116 1.013116885
 1.00006661 1.16244159 1 1.162371206 1.157693034 1.00016996
 0.686282972 0.935617018 1.47980461
 YOL096C "YOL096C::COQ3::3,4-dihydroxy-5-hexaprenylbenzoate
 methyltransferase" 1 1.276246122 1.327563482 1.444836981 1
 1.082012095 1.211698058 1.476091854 1.296065386 1 1.18733556
 1.39416254 1.478278818 1.105289519 1 1.326605544 2.334005461
 1.278216166 1.510776804 1 1.82051359 2.669202825 2.078850873
 1.718021012 0.917573867 0.980227118 0.933541249 0.787278637
 0.936777662 1 1.45557484 1.631837709 1.88755937 1.168572016
 1.548525615 1 1.568068542 1.135213407 1.013234687 1.066459623
 1.383337295 0.956181415
 YOL098C YOL098C::YOL098C::molecular_function unknown 1 0.918693806
 0.79407669 1.641246044 0.531748685 1 1.078723212 1.047074554
 1.062243456 1.022549373 1 0.872139039 1.05017356 0.432011751
 0.991793378 1 0.397904364 0.976943183 0.21054682 1
 0.649401728 0.319777851 0.24212231 0.383653237 1 1.164335958
 1.255653491 1.543951318 1.988772736 1.662461426 1 0.862902306
 0.384091181 0.643665746 0.767458829 0.267489864 1 0.395917572
 0.294455202 0.58254778 0.230189161 0.613852756 0.288080293
 YOL100W YOL100W::PKH2::Pkb-activating Kinase Homologue 1 0.864321989
 0.874293483 1.014409792 1.164765978 1 1.055038368 0.919495337
 0.851038249 1 0.93201561 1.045113438 0.990582802 0.757678786 1
 0.695845618 0.921338649 0.684422957 0.69384355 1.14170163
 0.496732216 0.741425368 1 1.009413894 0.959500328 1.617180394
 1.159407711 1.003783078 1 0.996546224 0.700616357 1.317478673
 1.523480943 0.788809058 1 0.916338245 0.936785646 1.260319019
 0.656413267 0.987510276 0.687364863
 YOL102C YOL102C::TPT1::Gene encodes a protein implicated in the last step of
 tRNA splicing in yeast: transfer of the splice junction 2'-phosphate from

ligated tRNA to NAD 0.912383663 0.818810121 0.846436555 0.967221348
 0.747019156 0.678800044 0.873161793 0.911923138 0.947626768
 0.871558809 1.001461054 1.096467685 1.068607337 1
 1.416323495 1 0.952760921 0.877233831 0.965953663
 0.937572743 1.140230665 1 1.032208135 1.126899657 1.161738206
 1.031366721 0.963172549 1 1.103879103 1.092783015 0.750174732
 0.948832316 1.429018341
 YOR046C YOR046C::DBP5::Dead-Box protein 5 1 0.715747735 0.806952345
 0.670528506 0.845616428 1 0.72687213 0.666900592 0.854988943
 0.687354625 1 0.645850992 0.612691538 0.458956904 0.780328628 1
 0.747438792 0.439178722 0.343762862 0.646946147 1 0.900310563
 0.696660674 0.805835551 1 0.948267757 0.969555494 1.06143729
 0.872048627 0.966649096 1 1.188054077 1.053770407 1.100461153
 0.97159457 0.942671083 1 1.029453634 0.792786462 0.870521323
 0.855265774 0.771488744 0.908022036
 YIL155C "YIL155C::GUT2::glycerol-3-phosphate dehydrogenase, mitochondrial"
 1 1.066347084 1.19446159 1.134778881 0.962555397 1 1.177658876
 2.019627113 0.925444618 0.836368609 1 1.078038202 1.488700461
 0.946294082 0.972900662 1 3.692454604
 1 0.729223431 0.756666346 1.097864581 0.74498995
 0.670599099 1 0.691712927 0.679856965 1.227954059 1.058084283
 0.648399965 1 0.748900385 0.490838876 1.344171154 0.540303874
 2.026319836 0.744280421
 YOR048C YOR048C::RAT1::RNA trafficking protein; transcription activator 1
 0.72555638 0.607063949 0.794091163 0.570204753 1 0.738185297
 0.811232285 0.645373492 0.578184938 1 0.722074033 0.55902816
 0.262701742 0.836984313 1 0.399281997 0.25956037 0.329122431
 0.382971334 1 0.623666515 0.549448323 0.53494636 0.618010073 1
 1.151858934 1.008572059 1.458113115 1.236844622 1.04590897 1
 1.210008895 1.243910792 1.067819342 1.050995079 1.236931438 1
 1.134377774 1.204320316 0.715652502 1.087707202 0.936980145
 YOR048C YOR048C::RAT1::RNA trafficking protein; transcription activator 1
 1.687285614 1.743466238 1.368283706 1.667932228 1 1.606274671
 1.365189837 1.635265918 1.468621376 1 1.253715253 1.54217859
 1.30737109 1 0.728466134 0.69822811 0.807832377 1
 1.293161387 1.587311207 1 0.92789121 0.832255442
 0.920357201 1.190341793 0.91115903 1 0.85959222 0.593632906
 0.639098713 0.832030494 0.480253812 1 0.74038984 0.714099099
 0.796576485 0.732228907 0.418041914 0.661096116
 YAL066W YAL066W::YAL066W::molecular_function unknown 1 1.626371013
 1.543100522 1.589508647 1 1.698391449 1.477062915
 1.680996984 1 1.357932229 1.406132707 1.940374053 1.473553092
 0.85319344 0.468976946
 0.811793709 0.845642875 1 0.800200815 0.55318521
 1.927487896 0.824588107 0.870646963 0.463988489
 0.808200933
 YOR050C YOR050C::YOR050C::molecular_function unknown 1 1.267316791
 1.122293857 1.204003416 1.136169053 1 1.118966514 1.086565591
 1.062168423 1 0.891103839 1.089990591
 0.306691684 0.604202666 1 1.040661153
 1.083143505 1.035249895 1.003508181 1.193409184 1 0.786407312
 0.922988877 0.993911545 1.054824911 1.009090328 1 1.091978788
 1.184672959 1.29483587 1.312415672 1.773138684
 YOR050C YOR050C::YOR050C::molecular_function unknown 1 1.21542374
 1.477622462 1.05607548 1.721444807 1 1.088680845 0.983270227
 1.106692739 1.57133069 1 1.068037842 1.007455159 1.539571143
 1.216773335 1 1.139340073 1.232894509 1.360203387 1

0.968438031 2.948449698 2.132678262 1.057773983 1 0.952686777
0.852727203 0.941979676 1.095475514 1.103645716 1 0.898481418
0.905295905 0.760172634 0.796584024 0.654089328 1 1.021711168
0.827323616 0.988127034 0.939101037 1.116055073
YOR052C YOR052C::YOR052C::molecular_function unknown 1 1.09100995
1.550174257 1.338960261 1.337300035 1 1.09222782 1.343503317
1.576006046 1.278856301 1 2.018503089 2.68769965 3.387671896
1.177036655 1 2.696696694 2.662175844 3.038455453 1.967204639 1
2.75585373 1.573802463 3.773685983 1.487411984 1.185770218
1.832518443 1.245731998 0.624393414 0.816211802 1 1.997648296
2.010159541 1.707699612 1.074050764 1.251676407 1 2.362320272
1.620093434 1.1440082 0.952766817 1.459477125 1.282789189
YOR054C YOR054C::YOR054C::molecular_function unknown 1 1.608323802
1.468492956 1.316540799 1.488318788 1 1.494397337 1.383284615
1.591097946 1.564553865 1 1.40946759 1.668185481 1.989592697
1.429404746 1 1.259991009 1.097660643 1.038354338 1.129873665 1
1.414409818 1.805952779 1.096485119 1 1.063146739 0.98847799
0.967137059 0.763042587 1.122931754 1 1.304575471 1.281348542
1.103682122 1.153407059 1.168881564 1 0.897168771 1.092576955
1.003479158 1.103934001 0.920899222 1.173336189
YAR003W YAR003W::SWD1::likely involved in chromatin remodeling
member of
Set1p complex 1 1.215132098 0.955350713 1.12648748 0.903763028 1
1.213827471 1.040913464 0.894670861 0.936201979 1 1.169727518
1.089449093 1.026114939 1.000683767 1 1.320860753 1.168891247
1.094180021 1.203751807 1 1.48397566 0.925506116 1.060045671
1.060146898 1 1.069003655 1.108274152 1.193702374 1.173911649
1.292234821 1 0.956043176 0.901325436 0.944730381 0.713876097
0.514815781 1 1.024457605 0.676044737 0.82416808 0.932339243
0.791338211 0.963186421
YAL015C YAL015C::NTG1::endonuclease III like glycosylase involved in DNA
repair 1 0.973232037 1.13592757 1.054027354 1.026560394 1
1.045454723 1.135725818 1.247387049 1.47732318 1 1.170268447
1.348741125 1.616754225 1.340159589 1 1.399538858 1.032123489
0.9936749 0.551815166 0.869974379
1.152321171
YOR056C YOR056C::NOB1::Nin1 (One) Binding protein 1 1.338714344
1.354547761 1.278162912 1.207099996 1 1.26687438 1.153807995
1.261863105 1.352192985 1 1.126846134 1.147118536 1.068320377
1.427208272 1 0.617906315 0.285186742 0.418004321 0.66567165 1
0.976622415 0.870479806 0.567968894 0.592799509 1 0.816729779
0.709289982 0.706213114 0.778740116 0.834330311 1 0.758081269
0.625613862 0.541723827 1.055261137 1.176217337 1 0.656368731
0.880596583 0.612218966 0.858987149
YAL017W YAL017W::PSK1::contains serine/threonine protein kinase domain and
shows homology with the SNF1 serine/threonine protein kinase 1
0.882094837 0.83134079 1.04338068 0.749273305 1 1.008999601
1.024938208 0.903557992 0.829212137 1 1.380851589 1.268030884
0.870012066 0.973009839 1 1.946922673 1.979816649 2.074807816
1.229568383 1 1.657733859 1.375331973 1.364988859 1.252042331 1
1.298695408 1.367465646 1.48356847 1.143352612 1.035319359 1
1.147323212 1.13722602 1.099444072 0.975152468 0.807026973 1
1.493811354 1.211354419 1.427291426 1.0689615 1.46158485 1.127803701
YOR070C YOR070C::GYP1::Gtpase activating protein for Ypt1p 1
1.261545339 1.154391212 1.291873843 1.06971736 1 1.342754882
1.418689956 1.124664873 0.918343352 1 1.333817854 1.387782845
0.966423931 1.244472237 1 1.077087835 0.834006991 0.564944669 1

1.058090872 0.75914511 0.618507645 1 1.099465171 1.121151138
1.072881987 1.113945546 1.088339957 1 1.054197825 0.795696888
0.795286637 0.883419986 0.715077374 1 0.784416963 0.830231508
1.091425608 0.869986023 0.886802173 0.68386236
YAL019W YAL019W::FUN30::Shows homology to SNF2 transcriptional regulator 1
1.261480375 1.301104487 1.095757782 1.853912738 1 1.122351624
1.110770452 1.45637003 1.321617466 1 0.895553546 0.890098972
0.976347366 1.254039115 1 1.133645052 0.573325586 0.445072627
0.749784627 1 1.61207128 1.206657727 0.750283847 0.897172364 1
0.734234109 0.531622114 0.818991098 0.890179539 1 0.870958977
0.632330132 0.672564908 0.967049817 1.168200918 1 0.742238533
0.716077764 0.874406347 0.901791052 0.980387352 0.95530575
YOR072W YOR072W::YOR072W::molecular_function unknown 1 1.412096207
1.256248375 1.653005209 1 1.755487564 1.355070147 1
1.307842773 1.624844456 1.313790135 1.534285859 1
0.779742231 0.520972411 1 0.611025942 1.002859343 0.610812428 1
0.567329393 1.11450157 0.871254399 1 0.760039747
1.325381373 1 0.840257321 0.868618994
YAL023C YAL023C::PMT2::Transfers mannosyl residues from dolichyl phosphate-
D-mannose to seryl and threonyl residues in proteins; acts in complex with Pmt1p
1 1.28075096 0.866135128 1.08907043 0.500936276 1 1.303376058
1.45782228 0.639781061 1 1.296766466 0.967118462 0.603398472
0.78472493 1 0.739266232 0.664590842 0.302806824 1
1 0.993128074 0.821688728 1.162688277 1.540052378
0.85744464 1 0.679009118 0.435773658 0.671001572 0.709413875
0.424513423 1 0.657230344 0.517202605 0.781845444 0.542207951
0.750666735 0.521871918
YOR074C YOR074C::CDC21::cell division cycle blocked at 36 degree C 1
1.52795951 1.612765357 1.385776565 1.910381657 1 1.415656101
1.492510976 1.627341947 1.464533864 1 1.184990918 1.152499375
1.433372484 1.607872427 0.901863787 0.476626346 0.836181765 1
0.824696136 1 0.8733642 0.974196075 1.078162958
0.866026197 1.295716704 1 1.296602661 2.073919546 2.066925276
1.655649136 1.2993797 1 0.768963956 1.021748218 0.922669395
0.97931998 1.109485526 1.221495463
YAL025C YAL025C::MAK16::putative nuclear protein 1 0.709887776
0.715244639 0.772572265 0.927096011 1 0.629240192 0.67986269
0.835176793 1.139580113 1 0.402808967 0.433523372 0.482498004
0.970874788 1 0.43682446 0.423641348 0.470003774 0.58016396 1
0.654087612 0.49083726 0.49634761 0.776233367 1 0.668771463
0.538778822 0.520698701 0.568152873 0.793070158 1 0.682037684
0.824221417 1.044663973 1.783262159 1 0.522587774 0.636239597
1.302428677 0.761370437 1.199604884
YOR076C YOR076C::SKI7::Antiviral protein. Ski7p G protein appears to
function as a signal-coupling factor between the two multi-complexes operating
in the 3'-to-5' mRNA-decay pathway. 1 1.016684393 1.027540144 1.321606185
1.213601273 1 1.076299203 1.178782831 0.945527615 0.895190244 1
1.081135329 1.031839812 0.613434637 1.013709195 1 0.910738259
0.931078822 0.617765572 0.594107338 1 1.255255153
1.859882581 1 1.002564098 1.019889328 0.948187054 0.871124858
1.04206866 1 1.006575868 0.882844358 0.898777714 0.791221835
0.67587554 1 1.126833794 0.966037632 1.006786594 0.945559013
1.003149564 0.756539156
YAL037W YAL037W::YAL037W::molecular_function unknown 1 1.21406583
1.179493889 1.724526118 1 1.047519183 1.190037419 1.408411741 1
0.903715561 1.147353151 1.42699438 1.728376777 1 0.866117
1.057226873 1.133820157 1 1.048709893 1.460850993 1.241387422

2.199981664 1 0.69044119 0.92076644 1.031807727 1
 0.82722723 1.504750094

YOR078W YOR078W::BUD21::part of small (ribosomal) subunit (SSU) processosome
 (contains U3 snoRNA); 1 0.909539127 1.268127649 0.90362816 1.438753357 1
 0.824939919 0.841638292 1.370248865 1.329170013 1 0.732408952
 0.676370636 1.007505165 1.051293642 1 0.364070615 0.249129471
 1 0.49782124 0.494016255 0.35005353
 0.376804648 0.735992962 1 0.901837396 1.375956613 1.006955318
 1.909673519 2.889823958 1 0.7050094 0.924973667 1.271502444
 1.555434735 1.164340133 1.238132366

YAL039C YAL039C::CYC3::cytochrome c heme lyase (CCHL) 1 1.377781471
 1.351033211 0.96045376 0.884186773 1 1.147035555 1.209408145
 1.238540151 1.159497926 1 1.05717666 1.008754504 1.467511357
 0.953251169 1 0.858018815 0.669251503 0.850875317 1.106509866 1
 0.960799019 0.81970755 0.81155584 0.917832891 1 0.736135207
 0.385559628 0.899530565 0.748843764 1 0.67837266 0.614176271
 0.719676273 0.808709387 1.324279845 1 0.744043952 0.603597511
 0.789960819 0.900885463 0.826157993 1.594511286

YOR080W YOR080W::DIA2::Digs Into Agar 1 1.342160244 1.356560569
 1.316742879 1.441057941 1 1.215559222 1.160805125 1.498300847
 0.997046698 1 1.243206766 1.148170121 1.021503089 1.330234438
 0.703708753 0.665985833 0.968210491 0.771842707 0.874447264
 1 0.870900689 0.726471575 0.64557388 0.968817865 1
 1.099839808 1.218575534 1.268232531 1.266211728 1.364324918 1
 1.10058989 1.158432008 1.212349022 1.4089134 1.189972988

YAL041W YAL041W::CDC24::calcium-binding protein involved in bud emergence
 and schmooing 1 0.712558174 0.747444382 0.804396979 0.552290939 1
 0.84330993 0.791701192 0.595975738 0.514377299 1 0.749517513
 0.836430208 0.406566423 0.717178703 1.201554364 0.800899288
 1.232988306 0.856811312 1 0.925847127 0.761713507 1
 0.971074376 0.983149156 0.858056276 0.931471427 0.878920274
 0.932241883 1.002599379 1.01515617 0.867682729 1 1.020906425
 1.035123201 0.971301676 0.661177641 1.021416442 0.889634012

YOR094W YOR094W::ARF3::GTP-binding ADP-ribosylation factor 1
 1.264779896 1.200001607 1.067676686 1.457645674 1 0.942964164
 0.757470148 1.218849078 1.19206343 1 0.867771066 0.795738093
 0.958028059 1.107125177 1 1.077372887 0.372348368 0.900862836 1
 1.376046565 1 0.930004749 0.94254807 0.796010012
 0.79008286 1.044111175 1 1.166465463 1.360106534 1.186837947
 1.22536597 2.136674351 1 0.966795151 1.068838101 0.937633464
 1.417509774 0.794845836 0.963186421

YOR096W YOR096W::RPS7A::Homology to human S7 and Xenopus S8 1
 2.118213329 1.916913899 1.341112603 2.270328516 1 1.654156158
 1.254285944 1.793059218 1.607832826 1 1.338763955 1.217652929
 0.881678193 1.277652966 1 0.613761968 0.28634001 0.135254739
 0.450507568 1 1.308822916 0.491373465 0.440898643 0.967969263 1
 1.118351024 1.044460965 1.063413764 1.128234158 1.094219844
 1.492172309 1.841360352 1.053003285 0.702942528 1.578416933 1
 1.319899136 1.145142878 0.996658985 1.644105767 1.244974118

YOR098C YOR098C::NUP1::nuclear pore complex protein 1 1.016210415
 0.848331147 1.115630762 0.70744473 1 0.987514395 1.252318051
 0.957487029 0.961385768 1 1.06978129 0.864762156 0.681450775
 0.995753508 1 0.668848009 0.463842567 0.540173472
 0.664222066 0.685732754 0.538131335 1 0.946351881 0.797063338
 0.912097525 0.922837076 1.050472798 1 1.031065977 0.946893727
 0.819736673 0.98712403 1 0.676202557 0.469487154 0.690567325
 0.757762548 0.758290381

YAL043C YAL043C::PTA1::pre-tRNA processing 1 0.944739972 0.767456198
0.840679955 0.538119575 1 0.881779967 0.968510671 0.773498354
0.687103772 1 1.02098711 1.060614691 0.787503552 0.796465033 1
0.913617349 0.686888634 0.704477653 1 1.083601614
0.771180252 1.226107811 1 1.118118649 0.99224315 1.117442244
1.259528685 0.825248661 0.837313916 0.921514839 1.201745408
0.875338731 1 0.868204861 0.684477695 1.087440658 0.506666887
0.978602513 0.746907259
YAL045C YAL045C::YAL045C::molecular_function unknown 1 1.072918761
1.278918349 1.049163223 1.52134498 1 1.140895283 1.029148348
1.433003464 1.424623614 1 1.105431615 1.359149562 1.643926905
1.225225327 1 1.485383984 1.225188846 1.219828693 1
1.533573226 2.192765025 2.005595807 1.208841955 1 0.997007886
0.900008373 0.869574533 0.925961587 1 0.872024159 1.282039226
1.254958311 1.118311272 1.759989498 1 1.173110633 1.323399569
1.205376351 1.674935005 1.225644567 1.36772472
YAL047C YAL047C::SPC72::Spc72p interacts with Stu2p in the two-hybrid assay;
Spc72p localizes to the spindle pole bodies. Molecular weight is 72 kD 1
0.85403086 0.972115223 0.900111278 1 0.889388498 1.061331575
1.033213271 0.870168168 1 0.884671746 0.899940136 0.862189932
1.009978625 1 0.805490703 0.853655802 1.239580525 0.866183973 1
0.681103775 0.904242634 0.623039998 0.487491885 1 1.033671842
1.056321249 0.744241163 0.658396709 1.049982207 1 1.143291235
1.268725983 1.212462755 1.808253443 1 1.083419612 1.217775008
1.306607256 1.397937143 1.610492325 1.036738829
YOR100C YOR100C::CRC1::carnitine carrier 1 1.312228596 1.2092835
1.444947497 0.965200539 1 1.545888311 1.384063286 1.163090605
1.232763527 1 1.54869245 1.532949171 1.389776907 1.23487716 1
1.743304575 2.180508013 1.097394591 1 1.058880484 1.083645971
0.648236269 0.763932815 0.93659015 0.874580984 1
1.069530045 1.335933158 1 0.663538245 0.6067314
0.908216063 0.44630104 0.670629169 0.810827823
YAL064W YAL064W::YAL064W::molecular_function unknown 1 1.398290355
1.164411796 1.385788157 1.184283758 1 1.167804426 1.128985716
1.369037025 1.281894073 1 1.19374787 1.3279933 1.127137182
1.193539711 1 1.071150194 0.536046895
0.970071877 1.135348909 1.11762648
0.850962043 0.63407058 0.746196891 1.178652705 1.106295447 1
0.797867676 0.839035534 0.841311961 0.533983972 0.852857756
YOR102W YOR102W::YOR102W::molecular_function unknown 1 1.633405687
1.746489892 1.045563603 2.005930237 1 1.063934922 1.20496584
1.785686222 1.764068604 1 1.134162013 1.240790236 2.165673636
1.206340044 1 1.091810177 0.633466172 0.737045719 1.256191824 1
1.566236762 2.300543645 1.33835876 1.187156394 1 0.987506005
1.061169585 0.784489413 0.785211778 0.941984512 1 0.974414358
1.352977259 0.931789121 0.808786193 1.519332103 1 0.977947352
1.415346589 0.888266027 1.703397259 1.013650788 1.583128164
YAR008W "YAR008W::SEN34::tRNA splicing endonuclease 34kDa subunit;
homologous to the 42-kDa subunit, SEN2; contains active site for 3' splice site
cleavage" 1 0.870806132 1.001758785 1.090404932 1.276133158 1
0.973271452 0.920352662 1.155330298 1.310337071 1 0.581240166
0.671388118 0.707100535 1.210577344 1 0.652834614 0.335615153
1 0.723696316 0.770351189
0.838665084 1
0.893586568 1.030134128 0.868209357 0.929037055
YOR104W YOR104W::PIN2::[PSI+] induction 1 1.395021169 1.347346731
1.390155047 1.416235006 1 1.350918194 1.428513233 1.413873693

1.417986931 1 1.036122369 1.230185254 1.245292027 1.417666246 1
0.957668831 0.863105037 0.86833093 0.77637497 1 1.161122137
0.991040042 1.005626043 0.691326218 1 0.869732404 0.964859397
0.879174798 0.899541842 0.820788792 1 0.914210821 0.937949244
0.746827502 1.034822752 1.095863255 1 0.937844094 0.899790475
0.974022538 1.016364415 0.908123581 0.950927634
YAR010C YAR010C 1 0.979042359 0.83561721 1.481799446 0.814831912 1
1.271207868 1.238032641 0.924158899 0.811202238 1 1.596617287
1.496148737 0.591191571 1.305578627 1 0.944018582 1.290028417
0.891948917 0.81613286 1 0.413677003 0.327595583 0.37146781
0.664224843 1 0.924821711 1.081082329 1.744857373 1.405586316
0.960316014 0.878132007 0.917637614 2.375557797 3.657887675
1.048875322 1 1.105960317 1.65761394 1.116585366 1.288173848
1.045584034 0.940420177
YOR118W YOR118W::YOR118W::molecular_function unknown 1 1.17253129
0.915549435 1.280026104 1.12069969 1 1.059729982 1.008656743
0.988698475 1.130796873 1 0.831383152 0.843162498 0.81243902
1.10298609 1 0.635790075 0.810245288 1 0.510187857
0.46599988 0.604783085 0.610880951 1 0.85370313 0.740661005
0.736921679 0.967496802 0.988381418 1 0.729900894 0.571337194
0.490112779 0.658212339 0.733569504 1 0.715610985 0.663207971
0.885115836 1.037385884 0.665146085 0.890509573
YAR037W YAR037W 1 1.273320258 1.312072629 1.271948595 1.308317788 1
1.33713531 1.40819777 1.35615834 1.401242209 1 1.249986406
1.600069728 1.665503299 1.357667012 1 1.640296118 1.215478846
2.119964426 1 1.137611767 1.401000485 0.955660852 0.71266422 1
1.025117837 1.280389333 1.294016322
1.296256837 1 1.230798443 1.368879492 1.17002108
1.530283087 1.217716307 1.086649433
YOR120W "YOR120W::GCY1::Galactose-induced transcript, product is homologous
to mammalian aldo/keto reductases, as well as to gamma-crystallin, a vertebrate
eye lens protein" 1 1.425987227 1.663905781 1.485768625 1.672499717 1
1.448607093 1.592188985 1.68946969 1.6083794 1 1.336170977
2.717651201 4.342366076 1.779531083 1 3.081319168 5.655528896
8.076890101 5.575493462 1 2.00172676 2.292315833 6.465524673
3.375187384 1 0.833141456 1.136859626 1.204364391 0.848156894
0.92941382 1 0.774501982 1.120200234 3.086613146 3.05078695
2.707479668 1 1.425062331 1.673795848 1.418782334 2.645052093
2.059467646
YAR042W YAR042W::SWH1::Similar to mammalian oxysterol-binding protein 1
0.941057727 0.968406423 1.154907866 0.799990151 1 1.189011534
1.254094308 0.90585569 1 1.367796762 1.470915551 0.87009601
1.07412038 1 1.439528866 1.782955205 1.357549403 1.307847782 1
0.83974011 0.9825323 1 1.020815345 1.030604925
1.157236586 1.099295185 0.828149149 1 1.052721628 0.575676787
1.248123447 1.69471841 0.422724057 1 0.874837289 0.810575336
0.602519727 0.927074448 0.732897299
YOR122C YOR122C::PFY1::profilin (actin-binding protein) 1 1.405547482
1.287740377 0.932903686 1.399532458 1 0.859638547 0.979433813
1.331950829 1.224810227 1 1.106773759 1.16569052 1.871720162
1.105840472 1 0.725681188 0.559858423 0.827722201 1.284341734 1
1.685167862 1.86062088 3.350797195 1.638553377 1 1.43635135
1.365344105 1.21234368 1.375233082 1.336848982 1 0.978067223
1.327206249 0.998606493 0.716193083 1.443485043 1 1.118675405
1.287699979 0.892226327 1.344576487 1.259955399 1.50519764
YAR044W YAR044W::OSH1::May be involved in ergosterol synthesis
0.871751201 0.942941314 1.14386336 0.708773534 1.19377781

1.195039681		1.23215585		0.580777312	0.937871466
				1	
0.912358492	1.160364751	1.186717953	0.958140378	1	0.948641094
1.073299213	1.13869184	1.410105888	0.778176319	1	0.95832572
1.050626901	1.044711763	1.064359034	0.908312285		
YAR050W	YAR050W::FLO1::cell wall protein involved in flocculation				1
1.50663296	1.460803706	1.435939454	1.620334924	1	1.445692043
1.356992746	1.21791652	1	1.19907858	1.247355345	0.95153041
1	0.712016245	0.476628452	0.421525153	0.798478972	1
0.797908478	0.753285928	0.836934332	1	1.010933645	0.973627871
1.082510508	1.045064185		0.882479139	0.832445803	0.763728718
0.878447236	0.78601846	1	0.891214245	0.826988041	0.893953978
0.949162265	0.906798675	0.857235872			
YOR124C	YOR124C::UBP2::Ubiquitin-specific protease				1
				0.79803175	
0.906685	0.91040614	1	1.120189163	1.103797809	0.927909935
0.878296523	1	0.974752852	1.032820934	0.886013202	0.929004818
1.690156983	1.424180928	1.662744377	0.788854992	1	1.384993891
1.639771939	1	1.011609823	1.087787118	1.267597615	0.850984671
0.985371736	1	1.203890123	1.031627956	1.337434417	1.102038586
0.704107446	1	1.121035728	1.130525826	1.2263974	0.841785865
0.979006375	1.06651008				
YOR126C	YOR126C::IAH1::isoamyl acetate-hydrolyzing esterase				1
2.085026036	1.713184098	1.653760807	1.924830469	1	1.755302353
1.725126112	1.825413047	1.73113917	1	1.665687012	1.692174063
1.764766854	1.560499122				
	1.067079038	1.179033698	1.1265135	0.786309095	0.879365396
1.302210563	1.802298599	1.416649054	1.518851208	2.002157415	1
0.960615298	1.350900714	0.859807484	1.217247434	0.691102315	1.308182219
YOR128C	YOR128C::ADE2::phosphoribosylamino-imidazole-carboxylase				1
0.892760226	0.768847011	1.145736627	0.924908943	1	1.339754654
1.276865969	0.911732557	0.747405433	1	1.436461886	1.587696119
0.706069654	0.746981905		4.334344472	3.887621706	1.19640746
0.691775426	1	2.479769459	1.684273914	0.745643714	0.751452842
0.971571569	1.172770411	0.631990006	0.97073727	1.251117188	1
0.756837684	0.992141491	0.689425201	0.788111321	3.166647831	1
1.022268391	0.968544715	0.793026573	1.531334958	5.414700867	1.06738564
YOR142W	"YOR142W::LSC1::alpha subunit of succinyl-CoA ligase (synthetase; ATP-forming), a mitochondrial enzyme of the TCA cycle"				1
				1.340587283	
1.487891868	1.515423068	1.586016406	1	1.651445051	1.745034548
1.431056562	1.616657528	1	1.594088131	1.798353609	1.966464749
1.231319607	1	1.67004212	1.891631593	1.489199249	0.962351897
0.942529688	0.492385301	0.852590704	1.103846149	1	1.026486468
1.162042372	1.23159078	0.960959898	0.805687703	1	0.973625505
1.08929864	0.979843274	0.730120642	0.808326281	1	1.251230902
1.177127902	1.010608307	1.048188522	1.702586249	1.008718805	
YAR053W	YAR053W::YAR053W::molecular_function unknown				0.928390408
0.938386033	0.857618004	0.889882801		0.737014326	0.955310601
0.874752319		0.688415848	0.871558809		0.725430846
1.471967765					
0.968930563		0.914345001	0.943377005	0.976966338	
1.021084798	1.189970344	1.255320501	1.389568339		
0.974916087	0.921811005	1.335246904	2.575210171		
YDR235W	YDR235W::PRP42::Required for yeast pre-mRNA splicing				1
0.852633215	0.853934226	0.874572875	0.851935638	1	0.843288117
0.824501148	0.882182969	0.887025827	1	0.767649747	0.860639107
0.692116724	0.898624576	1	0.626872433	0.638306041	0.529200609
0.602268997	1	1.520155557	1.569249503	1.693394986	1.470557033

0.865779635 0.912721003 0.996886179 0.775902119 1.078885262 1
0.973570978 0.77904801 1 1.086177988 0.868858377
0.887589267 0.892720242 0.96273648 1.80641228
YAR061W YAR061W::YAR061W::molecular_function unknown 1 1.094962915
0.951797314 1.388019601 0.912485976 1 1.246409561 1.311767092
0.880521623 0.92682279 1 1.092791445 1.185100811 0.710298184
1.10841546 1 0.975445248 0.897761582 0.826406457 1
0.344674154 0.384926
0.899459678 1 0.653421598 0.57076006 0.838695572 0.744936271
0.5528349 1.002026077 1.019226366
YDR237W YDR237W::MRPL7::Mitochondrial ribosomal protein MRPL7 (YmL7) 1
0.882321418 0.983759222 1.051708282 0.953287782 1 0.870100308
0.918074523 1.470220966 1.254064091 1 0.912698061 0.763428206
0.953712486 0.988840507 1 0.756882707 0.682082946 0.722528047
1.261109652 1 1.473251041 1.299388366 2.102605133 1.633575589 1
1.297174707 1.212935913 0.88179429 1.061961455 1.277573893 1
0.98794212 1.147161379 0.702841553 1.193066802 1 1.156773462
1.048416939 0.711807152 1.197807438 0.78370132 1.562988811
YBL005WA YBL005WA 1 0.8443106 0.771780629 1.408057024 0.735598726 1
1.092079298 1.09104905 0.726541919 1 1.442894346 1.317555878
0.598168147 1.140279711 1 0.849223097 1.146575027 0.82887776
0.710226453 1 0.407254914 0.349141092 0.370203316 0.679160715 1
0.827645974 0.915414806 1.26402273 1.181223784 0.756059966 1
1.022447173 1.393455198 3.6553292 5.771192857 1.861801607 1
1.096058993 1.660142591 2.3602148 1.37502969 0.998926526 0.983325775
YOR144C "YOR144C::ELG1::Enhanced Level of Genomic instability, Repressor of
Ty1 Transposition" 0.813880723 0.892833289 1.172935182 1.061202388
0.950421512 1.013806562 0.92803049 0.818624152 0.650495965
0.620508567 1.304992283 1 0.612728284 0.580230999
0.479636805 0.856661579 0.923280166 0.971943451
0.921417312 0.909442613 1.309000925 1 0.91341008 0.890694796
0.699488198 1.173234534 0.786851151 1 0.992815997 1.127091454
0.767225762 1.107861615 0.983325775
YDR239C YDR239C::YDR239C::molecular_function unknown 1 0.805556974
0.830722023 1.02297626 0.781762918 1 0.883177481 0.899217201
0.980426517 0.742345957 1 1.001783147 0.844647714 0.575435981
0.959027789 0.940023151 0.784335444 1
1.243430739 1 0.915215845 1.060996521 0.982122166
1.099447964 1 1.060878406 0.701773105 0.857489377 1.161340732
0.802790237 1 0.645849942 0.765586352 0.959232241 0.799773924
0.616745652 0.858111537
YBL006C YBL006C::YBL006C::molecular_function unknown 1 1.207639051
1.347453893 1.367926614 1.388526899 1 1.326223913 1.237490166
1.563777477 1.552690759 1 1.259633915 1.523832712 1.652225417
1.620223951 1 0.978890634 0.707128364 0.767011504 1.0783751 1
1.062758411 0.92027827 1.015515173 0.854096107 1 1.075999282
1.015805822 1.259378064 1.18496013 1.082382765 1 0.877049908
0.926022682 1.12348964 0.921812934 0.887231984 1 1.004265076
0.898289309 0.956602433 0.813902459 0.877713771 1.541973897
YOR146W YOR146W::YOR146W::molecular_function unknown 1 0.783896748
0.70872305 0.838984598 1.033818361 1 0.632144061 0.652109154
0.952894812 1.128977978 1 0.479219576 0.410627649 0.413314181
0.951396217 1 0.246325173 0.20996835 0.192368794 0.534563883 1
0.660572835 0.437100659 0.27061697 0.845003955 1 0.638390193
0.786726891 0.955743887 1 0.638171501 0.737082919 0.464693007
1.17368259 1 0.407206151 0.457936193 0.846675601 1.042711218
0.499190057 0.880877781

YDR241W YDR241W::BUD26 1 1.307704632 1.130351375 1.528663771 1
0.983141614 1.522819277 1.314060049 1 1.160754607 1.252246718
1.620801568 1.680386384 0.604034674 0.719781146 0.635388155 1
1.109330865 1 0.935314695 0.880605045 0.821360755
1.050649996 1.125937991 1 0.517451016 0.825487706 0.645720008
0.68998252 1.519838857 1 0.558910106 1.016373341
1.269054223
YBL008W YBL008W::HIR1::Involved in cell-cycle regulation of histone
transcription 1 0.955086915 0.911093812 1.066003575 0.931550751 1
1.041789802 1.079854049 0.855672353 0.933151217 1 0.938449036
0.919669227 0.542807207 0.885653609 1 0.853066253 0.59465964
0.474465061 0.645738504 1 1.163719754 0.862045132 0.523087729
0.939961069 1.02992868 1.14672 1.172191987 1.017154901
0.680334908 0.830011709 0.805366711 0.721416746 0.435117352 1
1.043446464 1.169591581 1.168827125 0.900166522 0.86344705 0.934290836
YOR148C YOR148C::SPP2::Required for final stages of spliceosome maturation;
promotes step 1 of splicing 1 0.88534308 1.244711072 1.049187991
1.32083236 1 0.9348393 1.085154095 1.338078567 1.548720663 1
0.954559742 1.201237367 1.511900175 1.202219264 1 0.910247087
0.589682548 0.806464382 1.11503315 1 1.994636507 2.250050131
1.874357284 1.254866301 1 1.173509288 1.402366105 1.298001477
0.824358473 0.997357538 1 1.625164902 1.974472807 1.922845172
1.902266651 1.383590041 1 1.613376922 1.662265639 1.410067454
1.110635518 1.410477557 1.217117347
YEL076WC YEL076WC::YEL076W-C::molecular_function unknown 1 1.137888111
0.707670665 1.21777757 1 1.315204805 1.174633585 0.727730048
0.550455376 1 1.13564914 0.986406482 0.380054671 0.905645659 1
0.535747215 0.668771167 1
0.73161932 0.88792819 1.097480416 1.089555793 1.065998764 1
0.795494644 0.464736974 0.863912168 1.187285636 0.40800017 1
0.707006147 0.56495836 0.880715527 0.532209264 0.90448299 0.918529598
YBL010C YBL010C::YBL010C::molecular_function unknown 1 1.284778437
1.354833221 1.275734118 1.45357221 1 1.272896907 1.205430501
1.65486066 1 1.111876534 1.138505916 1.134656728 1.233046504
0.986605797 0.858186594 1 0.975604449 1.136935559
1 1.021326687 0.726796204 0.838508267 1.01426641 1
0.97494571 1.084780716 1.217759507 1.650440191 1 1.069906795
1.034352154 1.052627255 0.860726066 1.132691109 0.962310756
YOR150W YOR150W::MRPL23::mitochondrial ribosomal protein of the large
subunit 1 1.145535259 1.553602801 1.20698434 1.285906548 1
1.041566455 1.193838244 1.716697111 1.727255563 1 1.035384835
1.051864708 1.620319902 1.258199883 1 1.351222391 0.950667824
0.892277577 1.524341189 1 2.102409448 1.71981854 1.738103519
1.73393619 1 1.071366452 1.324355127 1.036062258 1.033358088
1.11825458 1 1.09112333 1.221870746 0.910121968 0.651032504
1.324300736 1 1.353960584 1.371646376 0.918175334 1.473306712
1.775710314 1.47980461
YML032CA YML032CA 1 0.91164561 0.653979787 1.076238726 1
0.934685731 0.95407252 0.863772601 0.661181689 1 0.956877952
0.743022529 0.329200701 0.934341671 2.152746074 1.420195976
1 0.984841732 0.888654972 1.230557483
1.299467166 0.962559143 1 0.751032125 0.597973233 0.859758515
0.610542956 0.270825983 1 0.879609532 0.552728889 0.963517184
0.581979301 0.63936533 0.696121095
YBL012C YBL012C::YBL012C::molecular_function unknown 1 0.886772475
0.762456793 0.951538266 0.478571825 1 1.067935541 1.092750462
0.605477701 0.659384045 1 1.038801089 1.029812718 0.420322783

0.800303696	1	0.862711041	1.047170033	1.030260747	0.833484312	1	
0.737517485	0.923008095	0.458768092	0.692080927	1	0.763116106		
0.787281401	0.872048627	0.88020114	1	0.895219235	0.54548608		
0.720829128	0.663080427	0.618755191	1	0.84162919	0.686434861		
0.684552445	0.750211895	0.698747933					
YOR152C	YOR152C::YOR152C::molecular_function	unknown			1.06875708		
0.916748498	1.095783101	1.043580939		0.816030702	0.992937311		
0.902311372	1.046977005		0.933159155	1.024927754	0.89044732		
0.857594351						1	
0.849381391	0.652942605	0.747666962	1.135096128	1.221261883	1		
0.894583666	0.539843021	0.433229439	0.505733747	1.435671142	1		
0.764637044	0.565628024	0.560359597	1.240246439	0.843584173	1.260022945		
YBL014C	YBL014C::RRN6::involved in the transcription of 35S rRNA genes by RNA polymerase I	1	1.06571693	0.835323866	0.997701669	0.83887993	1
0.954936292	1.073902744	0.783215953	0.863919794	1	0.892655065		
0.785876434	0.60302602	0.955481014	1	0.698787689	0.934353418		
1.002750732	0.767879662	1	0.664255917	0.68947576	0.25967741		
0.959712629	1	0.910921754	0.825488351	0.736776213	1.023852746		
0.843542281	1		0.784115747	0.748475596	1.110922058	1	
0.745535473	1.088031882	0.95800524	1.361006768	0.991531745	0.898390244		
YBL028C	YBL028C::YBL028C::molecular_function	unknown	1	0.887887267			
0.947949869	0.905031441	1.383065161	1	0.699340576	0.672837401		
1.065131539	1.121393444	1	0.634297936	0.618741246	0.566430137		
0.920261326		0.610549713	0.487182957	0.594975989	1.030098969	1	
0.910693244	0.53689715	0.24686987	0.875894724	1	0.744375196		
0.649781702	0.426874154	0.636940667	0.865783137	1	1.004317487		
0.921069715	0.745956059	1.110597556	1.795572813	1	0.82255856		
1.046911624	1.056276066	2.070191084	0.725699264				
YOR166C	YOR166C::YOR166C::molecular_function	unknown	1	1.079579036			
1.069824919	1.14940903	1.191329724	1	1.007952605	0.996257976		
1.287629602	1.122487479	1	0.867018038	0.963942333	0.8403624		
1.133213501	1	0.784154317		0.630853735	1	1.133379877	
1.35631761	0.914795281	0.95883312	1	0.95143403	1.062500714		
0.957389731	1.219806323	1	0.897473716	1.059612632	1.049312334		
1.09852792	1.373808257	1	1.101220287	1.243143488	1.159017773		
1.116263741	1.317614981	1.14881872					
YBL030C	YBL030C::PET9::the major mitochondrial ADP/ATP translocator; highly homologous to AAC1 and AAC3	1	1.22908777	0.85134331	0.800042455		
0.729705481	1	1.234148303		0.567661817	0.689726341	1	
1.094550645	0.777613266	0.713510386	0.425848557	1	0.870018996		
0.70535059	0.640899415	0.867120686	1	0.73857509	0.36494174		
0.439731187	1.096644729	1	0.967830056	0.827162137	0.84492358		
0.824352885	0.736989839	1	0.732746494	0.568468972	0.364986802		
0.315494051	0.498389222	1	0.957116565	0.662601742	0.459088857		
0.802859814	0.990148914	1.159326177					
YOR168W	YOR168W::GLN4::glutaminyl-tRNA synthetase	1	1.074430381				
0.907637272	1.127876436	0.814198931	1	1.130800109	1.124549859		
0.841506553	0.862962956	1	0.937294744	0.714103626	0.44280531		
0.92393872	1	0.690023737	0.385641186	0.495999259	0.491763632	1	
0.798141083	0.388837515	0.372759574	0.649401007	1	0.987270098		
0.916393673	1.011134643	1.114423169	0.950239845	1	1.011793748		
0.764798758	0.691979191	0.834162123	0.915706025	1	0.818763042		
0.76668968	0.87326278	1.031218476	0.735411658	0.672479238			
YOR170W	YOR170W::YOR170W::molecular_function	unknown	1	1.52158117			
1.858538533	1.118485637	2.063454096	1	1.179638779	1.08444657		
1.792278576	1.702166261	1	1.182504691	1.1713995	1.903291795		
1.265441488	1	1.51951969	1.224344908	1.270183358	1.346322422	1	

1.676035247	2.828416013	1.814909473	1.320129718	1	1.023014675		
0.811038532	0.824711469	0.811093672	0.929531214	1	1.038796868		
1.190118965	1.163355336	1.442542333	0.889404339	1	1.379034888		
1.509752536	1.630872165	1.37317687	1.421673419	1.419386549			
YOR172W	YOR172W::YOR172W::molecular_function unknown				1	0.939081571	
0.911395885	1.206104924	0.814770658	1	1.172754138	1.27671815		
0.999325245	0.929836252	1	1.201832055	1.081240261	0.823110698	1	
1.379318829			0.975571945		1.036038712	1	
	0.986909368	0.884950022	0.990485752	1.174073752	1		
0.51670732	1.09707901	0.646505144	1	0.965170336	0.613583598		
0.98959988	0.380629478	0.876744015	0.626946802				
YOR174W	YOR174W::MED4::Member of RNA Polymerase II transcriptional regulation mediator					1	
1.071119483	1.086221702	1.669761207	1.515077564	1	1.084334209		
1.020563488	1.353959514	1.512408104	1	0.930481491	0.727525099		
0.960908628	1	1.445049522	1.416639332	1.271170775	1		
1.032023068	1.190407729	0.802849163	0.781739368	1.064892509	1		
0.916867231		1.048029687	2.033222373	1	1.491671382		
0.959090551	1.418510884						
YML035CA	YML035CA::YML035C-A::molecular_function unknown					1	
0.945998395	0.781859022	1	0.916918144	1.180230267	1.060940502		
0.858979817	1	1.159696809	1.25565274	0.685774944	1.23603007	1	
	0.606858716				1	1.179815744	
0.854838637	1.283711309	1.36603473	1	1.016422789	0.544807897		
0.880276168	1.220777661	1		0.410280046	1.084187814		
0.278463848	0.805014703						
YPR180W	YPR180W::AOS1::along with Uba2p forms a heterodimeric activating enzyme for Smt3p					1	
0.764668545	0.812945314	1.224335714	0.964837363	1	0.811203867		
0.889125461	1.048352243	0.898477962	1	0.935956361	0.71058373		
0.720666934	1.152740694	1	1.588394217	2.259624134	1.893452137	1	
0.889409077	1.168057078	0.910600744	0.73573459	0.960425547	1		
1.046961092	1.243242218	1.200188137	0.960885537	1.168235285	1		
1.155204456	1.041266425	1.009324403	0.662296312	1.322693045	0.858111537		
YPR150W	YPR150W::YPR150W::molecular_function unknown					1	1.238614692
1.08908616	1.209286451	1	1.288933918	1.226311144	0.986200787		
0.874715481	1	1.080921047	1.174945684	1.2242808	0.956109804	1	
1.692417224	1.145928491	1.675761826	1.164952242	1	1.233214882		
1.316825467	1.991332513	1.182790265	1	0.834533523	0.771544958		
1.084102162	1.041226065	0.964778754	1	0.7459835	0.645093878		
0.865982533	1.04968676	0.628913435	1	0.809188031	0.673950908		
1.118408468	1.095960663						
YPR182W	YPR182W::SMX3::Sm or Sm-like snRNP protein					1	1.191477981
1.500783202	1.151913799	1.564068904	1	1.044772465	1.086909022		
1.487201549	1.547616238	1	1.357010929	1.240128857	1.835926841		
1.35749272	1	0.777417	0.710164954	0.538804261	1.019962666	1	
1.624765037	2.190417394	1.319787201	1.017768797	1	1.204863032		
1.109373409	1.229386877	1.073791166	0.982672296	1	1.096620865		
1.349297938	1.322862347	1.100643104	1.217941522	1	0.911775608		
0.889274842	1.26130516	1.041834212	0.947033988				
YBL032W	YBL032W::HEK2::Heterogeneous nuclear RNP K-like gene					1	
1.290525197	1.426466753	1.287056552	1.338227806	1	1.303601362		
1.19520192	1.191689753	1.18879282	1	1.211918258	1.188762972		
1.355118661	1.023289278	1	0.732230752	0.397880537	0.473818739		
0.782321871	1	1.123796996	1.229600908	0.583229742	0.699623521	1	
1.029039935	0.82852442	0.708288739	0.885064283	0.757878057	1		

0.975679735 0.984760325 0.810393777 0.650696774 0.923160834 1
 1.1234522 1.125187772 0.923699511 1.084898294 1.269700405 0.833594067
 YPR152C YPR152C::YPR152C::molecular_function unknown 1 0.655361279
 0.81596305 0.692447392 1 0.872614597 0.904845472 1.029785462
 1.102924166 1 0.721706717 0.70633503 0.508140826 1.044912024 1
 0.501559342 0.386979981 0.708114219 1 1.043272422
 1.154625114 0.935866418 1 0.802907586 0.873662925 0.930589909
 1.149089417 1.166163647 1 0.939878033 0.615345429 0.695198818
 1.344318553 1 1.219237703 0.740819115 1.564485312 0.293045823
 1.524993481 1.081395653
 YBL034C YBL034C::STU1::Suppressor of cold-sensitive tub2 mutation; shown to
 be a component of the mitotic spindle 1 1.460351646 1.246190519
 1.46949033 1.425278238 1 1.362454174 1.145624185 1.135252097
 1.288973785 1 1.047634763 1.067530689 0.933435319 1.342087419 1
 0.628879826 0.793189113 1 1
 1.1185607 1.238031132 0.945895856 1.047131274 1 1.130026839
 1.129301075 1.224284129 1.021507228 0.655270218 1.029466077
 1.005769191 0.95197687 0.766120544 0.86114602 3.097957806
 YPR184W YPR184W::GDB1::Glycogen debranching enzyme; the enzyme that
 debranches the glycogen having a glucanotranferase + 1-6amyloglucosidase
 activity 1 0.995485212 1.282951006 1.726552535 0.775027432 1
 1.576020995 2.287030143 1.23646904 0.973964129 1 1.386939772
 2.025991799 1.465466723 1.4540634 1 1.845934298 2.228035848
 2.717608363 1.00912573 1 0.935368729 1.375888723 0.969975446 1
 0.993525896 1.096505547 1.21614171 1.143063773 0.971182246 1
 0.920285142 0.921665852 1.63262775 1.934498977 0.838920525 1
 1.012545823 1.11343933 1.326642562 1.028836462 1.928298376
 YBL036C YBL036C::YBL036C::molecular_function unknown 1 0.81882221
 0.907848234 0.816081189 1.142553086 1 0.804143778 0.759656169
 0.950518191 1.016571416 1 0.730604941 0.726256188 0.854823086
 0.961912637 1 0.964180453 0.559842972 0.669265401 0.949106817 1
 0.967191352 0.898524804 0.810526513 1.033631417 1 0.877464494
 0.917975005 0.840153099 0.817077046 0.9083175 1 1.000747089
 1.135480024 1.184288206 1.044139318 1.272610128 1 1.127907802
 1.21282626 1.00671085 1.216339784 0.880385376 1.246888598
 YOR176W "YOR176W::HEM15::Performs last step in heme biosynthesis pathway,
 inserting ferrous iron into protoporphyrin IX" 1 1.221666259 1.080583541
 1.250005308 1.086140247 1 1.284422677 1.332364289 1.019221042
 1.030345409 1 1.001301825 0.955571739 1.285380382 1.080990239 1
 1.025903622 0.613595107 1.169366114 0.844552003 1 0.911411465
 0.452776376 0.797020291 1.026238227 1 0.626566713 0.308801646
 0.247210012 1.181569997 0.889177858 1 0.538007298 0.192078513
 0.141750776 0.280417866 1.112579492 1 0.454098551 0.168516922
 0.563464837 0.974756329 1.16412948 0.794190973
 YPR154W YPR154W::PIN3::[PSI+] induction 1 1.684034703 1.470404341
 0.87381314 1 1.220275411 1.073198879 0.960085982 0.720459486 1
 1.452414864 1.198526454 1.569212914 0.599420809 1 1.903550619
 1.395054438 1.059264128 1 1.266045316 1.586110984 1.255452365
 1.472771891 1 1.17492922 1.006237857 0.978290583 1.086351691
 0.919210307 1 0.775383401 0.81991094 0.727109671 0.795907071
 0.918675833 1 0.819724213 0.624481537 0.658096008 0.494826014
 0.87503805 0.866867768
 YBL038W YBL038W::MRPL16::Mitochondrial ribosomal protein MRPL16 1
 1.251433175 1.609829179 1.261362783 2.120613175 1 1.147875764
 1.198162786 1.702341761 1.7207213 1 1.017702353 1.306440524
 1.686332798 1.418834644 1 0.936956472 0.747930737 0.576726229
 1.524770551 1 1.903893827 2.085012612 2.223759095

	0.949217008			1.338990617	1.097366259
	0.88315928		1.47053625	1.305555433	
YOR190W	YOR190W::SPR1::Sporulation regulated genes			1	1.262872582
	1.021876606	1.329468065	1.058076111	1	1.200692951
	1.135519146	1.157790768	1	1.175179088	0.983881575
	1.187893811	1	1.28811541	1.338448119	1.267736168
	0.924903933	0.896820167	1.509959728	1.250527337	1
	1.092356466		1		
		0.919405158			
YBL052C	"YBL052C::SAS3::SAS3 for Something about silencing, gene 3. Influences silencing at HMR." 1				
	1.177716429	1	1.208052116	1.11089928	0.865342834
	0.948703832	0.863492187	0.602866386	1.071177712	1
	0.4395779	1	0.575754752		1
	0.832829204	0.662950296	0.7623853	0.994073826	1
	0.687555419		0.899708447	0.7527428	1
	1.341290577	1.140839738	1.352304993	0.860738375	
YOR192C	YOR192C::YOR192C::not yet annotated 1				
	1.206871352	0.882859372	1	1.096778377	1.344873744
	1.06082486	1	1.394249328	0.937781703	0.908035509
	1.169909984		0.847813915	1	
	0.971202624	0.709747541	1.308185589	1.666666455	1.073609127
	0.670432234	0.713943253	0.74118894	0.974653428	0.747296005
	0.770383235	0.573361208		0.967897679	0.840090688
YBL054W	YBL054W::YBL054W::molecular_function unknown 1				
	1.35692174		1.542153677	1	1.602893068
	2.26327743	1	0.870808967		1.161284948
					1.047677578
	0.931520563	0.988946082	0.958785719	1	0.925376755
	0.888718951	0.844357419	1.047816365	1	1.206078382
	0.936971942	1.104027773	1.000170753	1.478928945	
YOR194C	"YOR194C::TOA1::Transcription factor IIA, large chain"				
	0.643963103	1.059100748	0.957132983	0.988758681	0.866881273
	0.83477031	1.058659053	1.022196435		0.843942386
	1.073912189	1.060245033	1	1.183335963	1.158381415
	1.017261575	1	1.454592076	1.292056697	1.161496097
	0.956151302	1.26683052	1.130710441	1.253082845	1.202504532
	1.090126078	0.917393022	0.895070132	1.383335019	1.042324087
	0.776282928	0.714023961	0.995894654	0.700792627	1.294383046
YBL056W	YBL056W::PTC3::protein phosphatase type 2C 1				
	1.102554463	1.416324129	1.183616182	1	1.444286587
	1.099533062	1.186718969	1	1.126943314	1.333684965
	1.040339732	1	1.14831001	1.241863587	1.015044371
	1.214839238	0.897706341	0.873574994	1.131984325	1
	1.193857982	1.216255331	1.141469754	1.061707933	1
	1.293568345	1.279870685	0.742915686	0.828017057	1
	1.454771535	1.103245956	1.176619843	1.471709998	1.032360714
YBL058W	YBL058W::SHP1::isolated as a suppressor of the lethality caused by overexpression of the phosphoprotein phosphatase 1 catalytic subunit encoded by GLC7 1				
	0.966903671	0.988554687		1	0.851607373
	0.945648591	1	1.249713861	1.035649496	1.233334085
	1.5215581	1.343435255	1.19797981	1.242491345	1
	1.515720983	1.419811326	0.954917363	1.042279198	1
	1.444988199	1.56522633	0.971267304	1.065814897	1
	1.122006411	1.078498898	0.735076066	0.863686782	0.995584457

YOR196C YOR196C::LIP5::Involved in lipoic acid metabolism 1
0.884176357 0.963070173 0.911851761 0.929160714 1 0.853757436
0.81525066 1.089663228 0.969841724 1 0.751428491 0.757713618
0.71623817 1.249877513 1 0.685725506 0.55273916 0.736742347
0.906986575 1 1.291849104 0.750168936 0.907413936 0.98532485 1
0.502085774 0.355430412 0.321015004 1.252554345 0.917438128 1
0.344228251 0.214324946 0.201294729 0.355767957 1.172055301 1
0.430375438 0.295320999 0.782318013 1.16213446 1.142140745 1.008718805
YBL060W YBL060W::YBL060W::molecular_function unknown 1 0.868868787
0.874553137 1.08575081 0.920534171 1 1.008290766 0.986895454
0.877324864 0.894417261 1 1.011247956 0.997289281 0.662080337
0.977356575 1.285318835 1.272088888 1.092044575 1.373923719 1
0.615275823 0.437322372 0.29793695 0.649261799 1 0.851328133
0.898863161 0.8576093 0.813025285 1.050983109 1 1.08597143
0.972216029 1.161776694 0.983587583 1.080931886 1 0.882536493
0.964071203 1.07085863 0.901378874 0.988217562 1.12430125
YOR198C YOR198C::BFR1::Multicopy suppressor of BFA (Brefeldin A)-induced
lethality; implicated in secretion and nuclear segregation 1 0.86285421
0.816109827 0.912094358 1.060096788 1 0.900275222 0.901196725
0.784613496 0.773984907 1 0.898397388 0.850223934 0.616954793
0.762881675 1 1.509717017 1.582936214 1.405879906 1.068223875 1
0.642606256 0.382180329 0.334597907 0.651700953 1 0.966276255
1.178709621 1.052291802 1.04117814 0.861455304 1 1.012231216
1.295301145 1.144560096 0.839591893 1.102502739 1 1.168809182
1.334698239 1.279392627 1.226971742 1.515521105 1.074390646
YBL062W YBL062W::YBL062W::molecular_function unknown 1 1.069875358
1.273184269 1.033171441 1.557435881 1 1.01309948 1.038863801
1.329225781 1.353927385 1 1.125079778 1.148520116 1.094514177
1.079889219 1 1.007247894 0.891533055 0.530063065 0.870885591 1
1.423133171 1.212601866 0.609514821 0.845401479 1 0.67807575
0.694382953 0.531612263 0.476112164 0.681250527 1 0.947986098
0.990360379 0.689759045 0.726105247 1.215953888 1 0.957999496
1.014385047 1.425040909 1.101229913 1.198729219
YOR200W YOR200W::YOR200W::molecular_function unknown 1 1.102505245
1.298316329 0.946487503 1.346001443 1 0.961173013 1.112484686
1.304714533 1.477730846 1 1.316971939 0.931563129 1.337948456
0.971200626 1 1.268554061 0.823762453 0.728951944 1.011874151 1
1.782251443 2.587834984 1.632205426 0.979174711 1 0.961723911
0.940131493 1.021473216 0.957327882 0.997293955 1 0.990724537
1.189331395 1.026717416 0.836185507 1.999470924 1 0.87966314
1.200844957 1.103891701 1.449216503 1.677840651 1.234629811
YOR214C YOR214C::YOR214C::molecular_function unknown 1
1.605886735 1 1.571984202 1.811634747 1
1.705753269 1.387629232 1 1.143079513 1.930945891
0.308504238 0.250481064 0.227211013 0.800023933 0.983908674
0.739558625 1.000580707 0.947303289 1 1.031394345 1.042336221
1.228058728 1.122731156 1 1.315685204
YOR216C YOR216C::RUD3::Relieves usol-1 transport defect; golgin-160 related
protein 1 0.761477398 0.830321795 0.958750261 1.057005454 1
0.814068483 0.915245272 1.070792133 0.92988664 1 0.686186618
0.88037677 0.859618588 1.031534581 0.781169858
0.750324953 1 0.978893808 1.185491836 0.965215101
0.73513057 1.112757289 0.937905785 1.073416967 1.00150359
1.283031855 1.441884514 1 1.29856608 1.424311642 1.346657516
1.327244618 1.631004267 1.280162299
YOR218C YOR218C::YOR218C::molecular_function unknown 1 1.526864394
1.603741175 1.270303913 1.692980225 1 1.244045252 1.140364053

1.884137526	1.574351683	1	1.404721005	1.230763061	1.670648876
1.383152671	1	1.025226903	0.644269924	1.101616255	0.978512349
1.157770887	1.390617641	1.563401438	0.901985587	1	1.151373857
1.001887105	0.954300853	1.027472448	0.897381437	1	0.955220303
1.392536788	0.982822154	0.844241184	1.416589952	1	1.286077925
1.488170728	1.170492938	1.521519807	1.217993012		
YBL076C	YBL076C::ILS1::cytoplasmic isoleucyl-tRNA synthetase 1				
0.952826121	0.747657545	1.17788703	0.821923675	1	1.183738693
1.136046099	0.744191168	0.771175886	1	1.108532577	0.983091769
0.436587198	0.839861926	1	1.025563934	0.991661529	0.790366642
0.613165884	1	0.554084329	0.405739251	0.26406064	0.573515564
0.978458205	0.762522237	1.027102948	1.19766673	0.802212286	1
1.103151329	0.502067873	0.963321319	0.721139314	0.322031978	1
0.843526508	0.635441205	0.843967078	0.564260518	0.46282702	0.490349442
YBL078C	"YBL078C::AUT7::Forms a protein complex with Aut2p to mediate attachment of autophagosomes to microtubules. Defective in maturation of the vacuolar protein, aminopeptidase I" 1				
0.708563564	1.199648498	1.07825795			
1.53923083	1	0.976591722	1.150440867	1.083105469	1.188859069
1.123433473	1.68087366	2.093378822	1.076069253	1	2.327230751
2.505594183	2.775783679	1	3.489541952	3.15352769	3.04488024
2.750750716	1	1.051746779			1
1.062589611	0.849152708	0.721824503	1.236951713		1.092793179
0.85083584		1.274908518			
YBL080C	"YBL080C::PET112::May serve important general function in mitochondrial gene expression, probably in translation; required for translation of COX2 mRNA" 1				
1.002274957	1.005142945	1.082216173	0.959724249	1	
0.840792569	0.986581547	1.08129656	0.91840825	1	0.899922343
1.035824553	1.153117479	1	1.30808865	0.817630368	1.245889495
1.479133637	1	1.322668441	1.272915852	0.890284446	
0.67334396	1.04557557	1.021910989	0.873624124	1	
1.273566692	3.1983691	1.114838247	1.151905624	1	1.11844952
0.880454923	0.798440955	1.181608405	0.714946345	0.785434741	
YOR220W	YOR220W::YOR220W::molecular_function unknown 1				
1.259680568					
1.419396851	1.696687997	1.240718728	1	1.626880217	1.840705325
1.63372214	1.36928962	1	2.027341924	2.307554955	2.578382959
1.633148161	1.624099424	1.264707276	0.863952489	1.166253538	
0.659749181	0.913502678	1.221938565	1	1.358629155	2.1114109
1.683059931	0.933334591	1.126519965	1	1.441754552	1.666275588
2.385611281	1.594161236	1.158847927			1.067715635
1.550533374	1.111166903				
YBL082C	"YBL082C::RHK1::Resistance to Hansenula Killer 1, hypothetical F-458 protein" 1				
1.43092885	0.859618876	0.944843556	0.641753986	1	
1.14697392	0.981561129	0.758495683	0.942791578	1	1.243534653
0.901282286	0.693819059	0.854036258	1.202485123		0.65845446
0.782545139	1	0.681011345		1	0.931753819
0.940867641	1.348718763	1.499350357	0.934628001	1	0.779820788
0.513379459	0.840889556	0.939897066	0.362778749	1	0.743269723
0.459729831	0.771866503	0.42879473	0.44228884	0.61293679	
YOR222W	YOR222W::ODC2 1				
0.769530714	0.815665936	0.80317895			
0.726217792	1	0.739103977	0.837581698	0.915109488	0.885725639
1.293614092	1.265067894	0.546940581	0.760750676	1	2.238462415
1.924105109	1.225417206	0.65510193	1	1.592459586	1.046340208
0.660503652	0.536644235	1	0.930540854	0.800510791	1.090898191
0.974144362	1	0.892052831	1.264606572		1
0.773351222	0.919396649	0.659139189	1.076406305	0.838677759	1.697834945
YOR222W	YOR222W::ODC2				
0.960403825	0.898527373	0.980614013			
1.009317057	1.009747142	0.824884868	0.861236968		

	0.76919323	0.962522498	0.962898385						
			1	1.262412794	1.309630763	1.415599128			
	1.281114481	1.167186605	1	1.235321427	0.968998255	0.757900515			
	0.467825568	0.49915244	1	1.185245634	0.803596404	0.698430912			
	0.69882405	0.502987217	1.315187225						
YBL084C	YBL084C::CDC27::Protein required for cell cycle	1		0.910469671					
	0.892972577	1.05109635	0.901520589	1	1.038775129	1.074579252			
	0.79249862	0.768200663	1	0.950859214	0.926783352	0.762871906			
	0.964914504		1.318824623		1.036097477	1	0.697399622		
		1	0.997303291	1.071379931	1.205260588	0.994933063			
	1.187237991	1	1.071324746	0.82272408	0.829022722	0.842894976			
	0.944046259	1	1.00744994	0.656424044	0.966916185	0.867500519			
	0.780726492	0.922032049							
YOR224C	"YOR224C::RPB8::16-kDa RNA polymerase subunit (common to polymerases I, II and III)"	1	1.174928766	1.094801859	0.773683358	1.445391473	1		
	0.916776465	0.917745465	1.201431083	1.242605657	1	0.94439766			
	0.687933104	0.918136851	0.884216549	1	0.824362494	0.409559854			
	0.38965055	0.632657249	1	1.059559673	0.711361804	0.590129723			
	0.998578424	1	0.997773587	0.69179471	0.486133094	0.762280296			
	0.714994176	1	0.885359428	0.88157775	0.520318581	0.77285534			
	1.469445925	1	0.925561885	0.840523601	0.832015051	1.320242052			
	0.719166804	1.034987604							
YBL086C	YBL086C::YBL086C::molecular_function unknown	1		1.275862577					
	1.225208255	1.270196965	1.407650431	1	1.25610811	1.302544951			
	1.22548274	1.201459732	1	1.267786675	1.369334552	1.348401954			
	1.069535621	1	1.016944398	0.938650629	0.804668313	1			
	1.236317917	1.059615929		1.239849302	1	1.227581771	1.226023156		
	1.218268468	0.817226804	1.243148245	1	0.861390534	1.085588899			
	1.182173512	0.890061615	1.427397593	1	0.755230348	0.725412785			
	0.626658455	0.787243463	0.818488979	1.318689781					
YBL100C	YBL100C::YBL100C::molecular_function unknown	1		1.096061927					
	0.773676555	1.272656997	0.45957302	1	1.532457926	1.6967178			
	0.510514781	0.718838682	1	1.105260987	0.894710609	0.58791066			
	0.739667564	1	1.341422174	1.032179753	1.441313295	0.564996696	1		
	0.611979369	0.123937629	0.104353326	0.344633985	1	0.940401087			
	0.642409308	0.908719362	1.249751276	0.894444551	1	0.726858413			
	0.283616591	0.458801967	0.488276771	0.174064907	1	0.746246514			
	0.291942349	0.591743392	0.468587837	0.842600332	0.528876872				
YOR238W	YOR238W::YOR238W::molecular_function unknown	1		0.843148571					
	0.993114967	0.832205817	0.96353561	1	0.905836152	0.822853118			
	1.134779646	1.246082454	1	0.773834955	0.863580122	1.027036164			
	1.129718481	1	0.71857455	0.726743009	0.601681394	0.905012945	1		
	0.822760419	1.079075888		0.86341472	1	0.961125651	0.98943052		
	0.825246186	0.935768248	1.020551518	1	1.010004097	1.232362016			
	1.438248897	1.533655351	1.484255142	1	1.010233162	1.097056298			
	1.167114887	1.146327614	1.091294784	1.31080911					
YBL101WA	YBL101WA	1	0.737500344	0.659437803	1.23615546	0.696314612	1		
	0.987487645	0.976343706	0.803117471		1	1.221481713	1.42293232		
	0.566833704	1.338853987	1	1.177504911	2.223672253	1.116558861			
	0.918055364	1	0.388570403	0.354261599	0.362208075	0.652255186	1		
	0.976123559	1.118799672	1.318899474	1.173103732	1.056415865	1			
	1.308633506	1.442547169	2.432640673	4.763294508	1.486446263	1			
	1.201007316	1.533477954	1.597042069	1.209783804	0.958025655	1.158450512			
YOR240W	YOR240W	1	0.860872713	0.951156466	0.884526716	1.150176398	1		
	0.781047659	0.930248918	0.901309992	1.080621711	1	0.946130039			
	0.870077965	0.999165369	1	0.763687479		0.490061387			
	0.464001938	1	0.678433843	0.451109468	0.58650913	0.535817152	1		

0.932187272 1.064702624 1.115681323 1.093190142 0.829345101 1
1.054755242 1.01599586 1.252565463 1.185273057 0.750787554 1
0.808054525 0.844673576 1.022732512 0.842765597 0.739417563 0.765295387
YBL102W YBL102W::SFT2::similar to mammalian syntaxin 5 1 1.141527294
1.142011008 1.006485946 1.206076504 1 1.035833657 0.9374384
1.227016138 1.089596644 1 1.04647708 1.062876349 1.080954963
0.909652097 1 1.050803653 0.710556285 0.696303153 0.764407701 1
1.390357914 1.073517263 1.005102201 0.846755074 1 1.047088936
1.069249946 1.142604686 1.205630392 0.991718716 1 0.978067223
1.137952705 1.021923826 0.767236524 0.853375837 1 1.057186345
0.888362701 1.040201838 0.97892874 1.133933042
YOR242C YOR242C::SSP2::Sporulation SPCific 1 1.296213679 1.364118187
1.229599252 1.519424957 1 1.076495415 1.151612762 1.590879703
1.496489518 1 1.063388698 1.200764791 1.655762956 1.18381089 1
0.950074789 0.821132254 1.442554857 0.928737263 1 1.053039884
1.44301581 1.032423952 0.827693087 1 0.791497416 0.562382479
0.524203394 0.740880957 0.852817096 1 0.722201513 0.91272278
0.892494473 0.703268987 1.021154694 1 0.753270793 1.031130682
1.029645517 1.114153939 1.236178891 1.196102433
YBL104C YBL104C::YBL104C::not yet annotated 1 1.447601497 1.31669591
1.363971436 1.140781721 1 1.324341065 1.456868406 1.308169664
1.215258123 1 1.223226763 1.178956894 1.143113618 1.24509261 1
1.340356444 1.182439536 0.881979699 1 0.635940647 0.520040285
1 1.211310894 0.987213958 1.101535104 1.181295508 1
0.979438969 1.290356974 0.939089227 1.015509687 1 0.852451518
0.877491935 1.21466248 0.885294209 0.943047067
YOR244W YOR244W::ESA1::contains amino-terminal chromodomains; Essential SAS
family Acetyltransferase sharing homology with acetyltransferases from many
different organisms 1 0.668078408 0.7274084 0.850517529 0.721119535 1
0.669396585 0.694036427 0.805366622 0.786096594 1 0.675894619
0.773677776 0.870740242 1 1.046307196 0.874551346 0.95563845
1.112712204 1 1.464521623 2.271422651 3.116523558 1.504865717 1
0.853581446 0.9496307 0.827341461 0.724227985 1.098280846 1
0.902831219 1.083601749 0.960438852 1.099867935 1.084472305 1
1.220228313 1.231366884 1.297485829 1.181528156 1.301248388 1.160201842
YOR246C YOR246C::YOR246C::molecular_function unknown 1 0.977115827
0.722777495 0.888363178 0.511892699 1 0.892955164 0.884995761
1.007294971 1 0.942277268 0.8032207 0.721146124 1.126006095 1
1.080657979 0.521598409 0.779015835 0.583947409 1 0.833712523
0.330916705 0.262266687 0.600798094 1 0.824974487 0.773965634
0.8604252 1.1728203 1.07906852 1 0.738218143 0.551654463
0.548805825 0.692135904 0.426624417 1 0.732354278 0.487986714
0.68354191 0.550289928 0.613917388 0.783683463
YOR248W YOR248W::TOS11::molecular_function unknown 1 1.771771046
1.450890459 0.778491966 1.01859552 1 1.128401491 1.257126357
0.92103037 0.965512823 1 1.426584312 1.08414018 1.471975163
0.73145323 1 0.997946169 0.718409741 0.846991607 0.964822578 1
0.461725745 0.874306785 0.466758282 0.37915038 1 1.10132145
0.606041771 0.549869053 0.832313701 0.416203119 1 0.585275446
1.075114402 0.677656745 0.557300528 0.723916554 1 0.983802431
1.650395592 1.221491603 1.262499125 1.464190662 1.020977592
YOR262W YOR262W::YOR262W::molecular_function unknown 1 0.936742157
0.733244294 0.753525215 0.759090393 1 0.599299432 0.833743005
0.920497716 1 0.831081541 0.636368805 0.62431005 0.931593895 1
0.755951682 0.419008797 0.544591117 1.004808563 1 1.051427405
1.049433106 0.930454543 1.143826973 1 0.950450401 0.877863278
0.84406388 0.84060048 0.833798521 1 0.949215709 1.106036903

0.804792182 0.793695194 1.065916957 1 0.909781365 0.979262028
 0.893453582 0.883414451 0.656858415 1.072639421
 YIL092W YIL092W::YIL092W::molecular_function unknown 1 1.301263349
 1.110408156 1.208421165 1.384400871 1 1.279535942 1.14560412
 1.025205852 1.3515314 1 1.002635011 0.819741317 1.353636719 1
 1 0.664245693
 0.668126441 0.677870625 0.880012475 1 0.731690942 0.820409314
 0.733960352 1.095223951 1 0.703949545 0.897899952 0.905182888
 1.041668005 0.919155396 0.892260903
 YIL094C "YIL094C::LYS12::homo-isocitrate dehydrogenase, an NAD-linked
 mitochondrial enzyme required for the fourth step in the biosynthesis of lysine,
 in which homo-isocitrate is oxidatively decarboxylated to alpha-ketoadipate." 1
 1.19625114 1.020345081 1.071632821 1.055123969 1 1.172298722
 0.974491075 1.071038566 1.032772113 1 1.09341379 1.055424829
 0.62589508 1.110905231 1 1.199014887 2.189627705 3.034374565
 1.918596879 1 1.276150122 1.149335633 3.463009943 2.387258627 1
 0.972011122 0.865741018 0.865221867 1.186022436 1.036172443 1
 0.991585193 0.989302368 0.631753554 0.678553385 1.23330361 1
 1.167061192 1.203377546 1.313354042 1.217959763 1.401873981
 YIL096C YIL096C::YIL096C::molecular_function unknown 1 1.062020081
 1.011565204 1.043238489 1.313128308 1 0.888524645 0.752010426
 1.360727107 1.136614806 1 0.659542308 0.545493332 0.749077788
 1.263870794 0.567736773 0.697276633
 0.318530276 1 0.854936653 0.614641332 0.565148734 0.811522899
 0.980109084 1 1.000474239 0.932169032 1.493094308 2.671578595 1
 0.831220288 0.822679915 1.100159958 1.822478861 0.793938227 0.889634012
 YIL098C YIL098C::FMC1::Formation of Mitochondrial Complexes
 0.600868063 1.021519763 0.764811881 1.189447368 0.674375473
 0.810605889 1.195131973 1.146099065 0.645013152 0.983676818
 1.452527574 0.809623924 0.620787568 0.455108246 0.766041517 1
 3.061604537 2.40397761 1 0.985475212 1.249052823
 0.864938515 0.736783712 0.996159245 1.083536586 1.159825789
 0.814132559 0.824872143 1.638389186 1 1.530691588 1.429843204
 1.646333875 1.126052476
 YIL100W YIL100W::YIL100W::molecular_function unknown 0.928390408
 0.963841839 0.882620679 0.968772956 1.086483591 0.961484204
 0.965711231 1.190989391 1.097283486 0.862489292 1
 0.875429221 0.808962123 1
 0.952437813 0.875045319 1.027248662 1 1.116031346 1.012501529
 0.843287901 1.446278038 1 1.147789511 1.412288981
 0.833499347 1.082271213
 YOR264W YOR264W::DSE3::Daughter Specific Expression 3 1 0.978683821
 1.035612167 0.874525355 1.029201284 1 0.886492972 0.81821069
 1.066125307 0.97755805 1 0.960652406 1.043655393 1.230814504
 0.92093358 1 0.985255579 0.667336968 0.814725985 0.986180124 1
 1.389865647 1.778737758 1.4360641 0.978072271 1 0.968509004
 0.853132997 0.826261455 0.798570442 0.869406857 1 0.839132021
 1.26115449 0.843251699 0.542727307 1.18399426 1 0.879158189
 1.34000401 0.889117179 1.344475574 1.046440933 1.424640225
 YOR266W YOR266W::PNT1::Involved in targeting of proteins to the
 mitochondrial inner membrane; Pentamidine resistance protein 1
 1.041636374 1.007975914 1.324290925 1.2304418 1 1.15941634
 1.109985815 1.038546452 1.160845242 1 1.044910877 0.930105768
 1.045066113 1.257510222 1 1.312063411 0.953702687 1
 1.103252351 1.163380986 1.394169267 1 0.830225646 0.981563012
 0.98996662 0.902036515 1.203950482 1 1.022875964 1.254453103

1.359994451 1.208211106 1 1.118005063 0.848915976 0.944608342
0.518742185 0.974019643 1.373854061
YIL114C YIL114C::POR2::Mitochondrial porin 1.056444222 0.950913006
0.942597072 0.820376022 0.9286284 0.817196227 0.927485984
0.980069577 0.88855077 0.940310411 0.944201361 0.809623924 1
1.411291427 1.331715645 1.169591158 1 1.3571102 1.030711582
0.821126088 1 1.223162304 1.376470633 1.556271236 1.222241297
0.936314269 1 1.071931545 1.124698685 0.898100776 0.663759947
0.796788137 1 1.433255367 1.37801928 0.978688253
0.750409762
YIL116W YIL116W::HIS5::responsive to control of general amino acid
biosynthesis 1 1.097062247 0.873006869 0.782327176 1
1.073801709 0.987613519 0.738345594 0.715738796 1 1.878933929
2.424582497 0.669073484 0.578514292 1 3.327822022 2.505234626
1.245858225 1.084999178 1 1.387593465 1
1.03100347 1.412515617 0.858734845 0.976617743 1.063256366 1
1.177938235 1.43166132 1.081504596 1.104708286 2.549408665 1
1.767876583 1.820082944 1.352462754 1.868172378 2.735889562 0.961435195
YOR268C YOR268C::YOR268C::molecular_function unknown 1
1.351031575 1.146051786 1 1.034925009 1.276575487 1.244408123
1.230902625 1 0.923006057 0.98957174 1.501849832 1.19800854
0.421614356 0.800899288 0.714401557 0.506110033 1 0.741309519
1.113779785 1 0.943257806 0.934114413 1.124642506 1.035095364 1
0.915784685 0.82920006 1.00123012 0.905798475 0.877508779 1
0.720554701 0.855202358 0.563458084 0.81025558 0.73902664
YIL118W YIL118W::RHO3::ras homolog--GTP binding protein 0.918540092
1.045434904 0.786056648 1.164973166 0.846298873 0.706259633
0.910261229 0.911457771 0.709728111 0.839972543
0.85642118 0.745412052 1.180839258 1
1.083114082 1.142445396 0.826759616 0.820122819 0.911134115 1
0.920801237 1.050479408 0.842228367 0.79112146 1.303093856 1
1.125383131 1.068111748 1.001725118 1.482505791 1.382035543 1.272281628
YOR270C YOR270C::VPH1::vacuolar ATPase V0 domain subunit a (100 kDa) 1
0.971793081 0.640172594 0.928238191 0.647673648 1 1.178447148
0.952890427 0.49436694 0.849436903 1 1.031478137 0.774374906
0.492053152 0.930790964 1 0.839621769 0.612700238 0.377327867 1
1.202089575 0.461658069 0.385425155 0.728611326 1 0.982411357
0.912960296 1.179795031 1.261268056 1.050273978 1 0.874743156
0.63581669 0.955770848 0.760528839 0.425182016 1 0.881350343
0.791168394 0.977212216 0.713605844 0.806907861 0.717136061
YIL120W YIL120W::QDR1::Quinidine Resistance 1 1.45822607 1.269194511
1.541620311 1.360455772 1 1.389120935 1.397071336 1.229952817
1.306232803 1 1.432794577 1.438030748 1.44634241 1.249232193 1
1.839323512 1.320361783 1.215367826 1
0.995229297 1.107145113 1.179896285 1.014380566 1.005304335 1
0.951950556 1.332160919 1.295507365 1.194224249 1.668089712 1
1.330228812 1.148109844 1.043209893 1.154350382 0.968440097
YOR272W YOR272W::YTM1::microtubule-associated protein 1 0.651089297
0.42342638 0.581077923 0.576408979 1 0.46547248 0.648813116
0.91473176 1 0.39594908 0.237436576 0.583489794 0.576420755 1
0.198993484 0.227094964 0.116089646 0.466185428 1 0.209405136
0.20665557 0.908237 1 0.908196184 0.621272693 0.850734434
1.109578084 0.970475391 1 0.870008766 0.642267222 0.637853889
0.919213469 0.79375673 1 0.631777236 0.474678126 0.834617349
0.824460454 0.402590692 0.647961768
YIL122W YIL122W::POG1::Promoter of Growth; weak similarity to human
transcription adaptor protein p300 1 1.101636526 1.210038591 1.157031456

1.12790498	1	1.248852111	1	0.891548973
0.946342877		1.208229578		
	1	0.705980177	0.899793525	0.805961261
0.800359977	1	0.799055479	0.798998684	1.430517255
0.888956712		0.996051534	0.907289757	0.885255897
YOR286W	YOR286W::YOR286W::molecular_function	unknown	1	0.974814398
1.120429384	0.893399129	1.814410531	1	1.110195785
1.476000273	1	0.966232864	0.869556523	1.198015551
0.891835644	1.665065373	0.733904006	1.340182758	1
1.884828559	2.168592605	1.842939893	1	1.206923482
0.881209236	0.771558627	0.798446316	1	1.188727923
1.525371687	1.019645024	2.010807998	1	1.22114766
0.873927989	1.51112543	1.640919335		1.732738399
YOR288C	YOR288C::MPD1::Disulfide isomerase related protein		1	
0.973316973	0.951662636	1.045504307	1.15084449	1
1.255359885	1	0.923084404	0.855223231	0.695441878
0.797145584		0.759782045	0.917386972	1
2.071731165	1	1.058993987	1.265452685	1.442218433
1.056670277	1	0.892925311	1.179885337	1.524772865
0.829707178	1	1.283548439	1.002999884	1.155484144
1.376816852	0.985077			0.91029073
YOR290C	YOR290C::SNF2::involved in the coordinate regulation of phospholipid synthesis		1	
0.918450967	0.877402839	0.757912216	0.872088518	1
1.061171126	0.97785548	1.212966895	1	1.053274654
1.005377182		0.831215222	0.524444724	0.563367034
1.281463023	1.241756893	1.232013748	1.287110212	1.140625354
0.908376454		1	0.655716364	0.865258823
0.574704906	0.891892594			0.897451162
YOR292C	YOR292C::YOR292C::molecular_function	unknown		0.640269217
0.66848618	0.527764915	0.528643281	0.546038334	0.579945693
0.473017851	0.501805531	2.329281073	3.348731905	4.459247838
2.007906555	1	2.47872094	2.510798917	3.141210413
0.637155913	1.216854511	0.743932547	1	1.169987645
1.276098312	1.50906137	1.166309576	1	1.040414107
1.34755657	1.198920186	0.850964695	1	0.9344412
1.154831268	0.904753864	0.944055546	1.229376134	1.100676899
YOR294W	YOR294W::RRS1::Regulator for ribosome synthesis			0.933315566
0.994188143	0.921352305	1.124835429	0.783341034	
1.333191945		0.853587461	0.472799496	0.79696199
0.328658238	0.494323646	0.257719441	0.47289888	1
0.520483869		0.446324319	1	0.776653804
0.834367584	0.860641133	1	0.765873047	0.868698419
1.157606299	1.347653883	1	0.454580432	0.666953345
0.795082419	0.348925789	1.025355707		0.814303347
YMR075CA	YMR075CA::YMR075C-A::molecular_function	unknown		0.804030407
0.973689412		1.111129806	0.652438888	1.151055179
0.693238386	0.78799917	1.284254007	1.188492633	1
0.626247986	1.394742447	1	1.091531695	2.054539448
0.895752838	1	0.643089392	0.624770046	0.563872044
0.861376758	1	0.769911083	1.30147047	1.034544019
1.674734837	1	1.048067388	1.702509244	1.292498588
1.393062579	1.640043775			0.830782456
YMR050C	YMR050C	1	1.047747087	0.754067786
1.154108143	1.082767752	0.831743024	0.739761159	1
1.420406802	0.688998966	1.271892095	1	0.989960683
1.025185149	0.716183823	1	0.359093288	0.278371694

0.756286643	1	0.931228478	0.759624078	1.693852835	1.305282421		
0.793166834	1	1.016260005	1.204980039	2.549829961	4.205875678		
1.742988577	1	0.903826924	1.558123068	2.806562437	0.981296332		
1.018333325	0.671603625						
YAL043CA	YAL043CA::KRE23::molecular_function	unknown		1	1.169595153		
0.977321017	1.048090795	0.506541341	1	1.265774015	1.465354141		
0.834866445	1	1.412910341	1.310018092	0.883275449	0.951674483	1	
0.436927499	0.344358356	0.402930602		1	1.149355002	0.859937859	
0.522986322						0.626768373	
1.341225488	0.682662173					0.705752939	
YML024W	YML024W::RPS17A::Homology to rat S17			1	1.121616584		
1.208961234	0.90710826	1.685971801	1	1.091663415	0.873253009		
1.346701916	1.290929962	1	0.72378088	0.870342908	0.771952665		
0.990500372	1	0.850613364	0.391661654	0.27998288	0.704718876	1	
1.288939115	0.85730954	0.532089714	0.625992283	1	1.427858066		
1.856781337	0.756006111	1.242052606	1.085467522	1	1.601047997		
2.227326603	1.267677346	0.86888645	1.750706497	1	0.92092908		
1.271730124	0.685770507	1.813970665	0.946330194	1.196977994			
YML026C	YML026C::RPS18B::Homology to rat S18 and E. coli S13			1			
1.168718996	1.183095889	0.897557866	1.638366603	1	1.018613225		
0.907881771	1.113231705	1.171844381	1	0.870595434	0.892283371		
0.627565262	0.84476501	1	0.830942521	0.456095622	0.219668523		
0.681052971	1	1.214335635	0.736800038	0.506752132	0.788174337	1	
1.343640078	1.236256337	0.818149322	1.22984928	1.429636438	1		
1.384636298	1.330069782	1.098258992	0.800869037	1.493598833	1		
1.506523692	1.639427376	1.025219688	1.986936621	1.084422046	1.194351103		
YMR225C	YMR225C::MRPL44::Mitochondrial ribosomal protein MRPL44 (YmL44)					1	
0.936643151	1.53719708	1.136766749	1.83796351	1	0.972940126		
1.141802653	1.604707808	1.553757477	1	1.191231133	1.530565624		
1.398448692	1	1.113843552	0.865125727	0.748750967	1.299502143	1	
1.375103736	2.215372755	1.90010672	0.734392436	1	0.923264393		
1.246844277	0.75337404	0.801895025	0.811599012	1	1.219188006		
1.602969421	1.718849399	3.176530445	1.545082005	1	1.295590972		
2.034370538	1.595526654	2.393207406	1.490220772	1.090151884			
YIL124W	YIL124W::AYR1::Subcellular location of Ayr1p: lipid particles and endoplasmic reticulum of the yeast			1	1.56128804	1.367931463	1.749287929
1.742916233	1	1.543517456	1.537685298	1.779989283	1.636917632	1	
1.187885594	1.48800587	1.842184376	1.34034506	1	1.533201546		
1.226811065	1.644500951	1.937020795	1	1.620401718	1.497919991		
2.522578694	2.222649265	1	0.990150668	1.354263371	1.33723054		
1.023086086	1.024935416	1	1.081903122	1.47911099	1.342959544		
0.953712356	1.41314573	1	1.355782405	1.333123855	1.034712481		
1.434999377	1.947101782	1.168082408					
YIL138C	YIL138C::TPM2::Tropomyosin isoform 2			1	0.774382643		
0.880408225	0.847116708	1.175502931	1	0.738023359	0.886344244		
1.149693295	1	0.843404732	0.929262271	0.927150144	0.929244069	1	
0.874102822	0.755737442	0.766327041	0.897490538	1			
1.238594057	1	0.869510542	1.08653734	1.19269419	0.997289704		
1.326440347	1	1.028926686	1.436990767	1.362150514	1.417636039		
1.342797819	1	1.452931907	1.08230323	1.15029121	1.091923479		
1.706591177							
YIL140W	YIL140W::AXL2::involved in polarity establishment/cellular polarization during budding			1	1.233507518	1.05386796	1.679554737
1.160475473	1	1.381495648	1.541590772	0.942056827	0.93590728	1	
1.277630214	0.788527459	0.58173685	1.377640334				
1.427727286	1.049353153				1	0.699066034	
0.622599242	0.890174102	0.870730354	0.619947873	1	0.766381316		

0.860410357 0.936708351 0.837959243 0.578774996 1 0.891389575
 0.877041737 0.961048512 0.861381033 1.028028153 0.62957364
 YIL142W YIL142W::CCT2::cytoplasmic chaperonin of the Cct ring complex
 related to Tcp1p; subunit beta 1 1.052685888 0.855966624 1.245409124
 0.957010296 1 1.1107146 1.174759093 0.962794954 1.126827542 1
 0.815841055 0.895886156 0.666041759 1.015941062 1 1.07735078
 1.088740732 0.877828834 0.713294405 1 0.7422593
 0.952640957 1 0.938501936 0.995770851 1.1077722 0.928524225
 0.857362542 1 1.143172157 1.103305998 0.772605768 0.709270488
 0.668989833 1 1.158175982 1.132020873 1.051065274 0.885243957
 0.785809098 0.980698884
 YOR296W YOR296W::YOR296W::molecular_function unknown 1 0.992712066
 1.050821837 1.106014668 0.96034478 1 1.059027826 1.186357086
 1.176565543 1.025539653 1 1.185159662 1.077585282 0.772581944
 1.10341875 1 0.90741095 0.711754973 0.746633657 1
 1.065332989 0.76705639 0.990214021 0.609279933 1 1.060855401
 0.935013343 1.059834447 1.079354765 1.035458783 1 1.0417497
 1.022608285 0.964306869 1.054948738 0.832338324 1 0.759950076
 1.006899601 1.049788798 0.674637588 0.800099385 0.820459668
 YIL144W YIL144W::TID3::Product of gene unknown 1 0.952969209
 1.083852591 1.258106 1.186402699 1 0.96724265 1.026318218
 1.041282847 0.866286392 1 0.839017808 1.020424448 0.872758014
 1.130183113 0.959958721
 0.358754234 1 0.714783821 0.880243134 0.680415982 0.588266197
 0.947471391 1 0.940896016 1.022422948 0.87836651 1.205477204
 1.256087363 1 1.346337079 1.507058765 1.287238113 1.759896415
 0.929037055
 YIL146C YIL146C::ECM37::ExtraCellular Mutant 1 1.267701194
 0.914308486 1.336767427 0.943853493 1 1.249364045 1.24510753
 1.062221622 1.041096544 1 1.129980198 1.022249039 0.985989184
 1.070866571 1 1.42639121 1.056014379
 1 1.19909168 0.969805751 1.471356287 1.09443071 0.950730499 1
 0.847658239 0.880214807 0.72585105 0.729566221 0.699494027 1
 0.940959484 0.858832142 0.968569417 0.903294348 0.937636066 0.875624
 YOR310C YOR310C::NOP58::part of small (ribosomal) subunit (SSU) processosome
 (contains U3 snoRNA); 57 kDa nucleolar protein involved in the pre-rRNA
 processing steps that lead to formation of 18 S rRNA; interacts with Nop1p 1
 0.884575222 0.606803583 0.899185217 1 0.801718813 0.687176036
 0.649182369 0.815231332 1 0.539009557 0.3048442 0.24807601
 0.877430219 1 0.38466238 0.223821065 0.227653507 0.319753393 1
 0.44984843 0.181427453 0.133185391 0.376165879 1 0.810722311
 0.601256155 0.791674967 1.024930119 0.982270193 1 0.740603766
 0.463382317 0.352606454 0.555529212 0.454093063 1 0.745380061
 0.438283623 0.678081879 0.776348826 0.380675595 0.621693021
 YIL148W YIL148W::RPL40A::Homology to rat L40 1 1.235451366
 1.442658082 0.973916105 1.77147323 1 1.07859594 1.014859644
 1.439957301 1.376066805 1 0.841051393 1.002489111 0.991535806
 0.856596755 1 0.771674791 0.39124537 0.24847184 0.669940449 1
 1.439575282 1.423829248 0.754376502 0.766280535 1 0.881845168
 0.74505415 0.518796151 0.744412411 0.926362811 1 1.314454568
 1.938876518 0.906311779 0.924996494 2.177208796 1 1.239374562
 1.754662766 1.09460681 2.272101452 1.344824655 1.239007927
 YOR312C YOR312C::RPL20B::Homology to rat L18a 1 1.314114137
 1.386088929 0.952941281 1.821742656 1 1.140708732 1.009095809
 1.51252761 1.516128129 1 0.956801763 0.843549917 0.960887362
 0.946611108 1 0.480361948 0.189861955 0.130796456 0.321371501 1
 1.27528087 0.499363556 0.765480391 1 1.218952659 0.904959648

0.758694953 0.932721838 1.198605171 1 1.107985938 1.494669339
 0.883547185 0.716705971 1.279296438 1 1.266295654 1.714363476
 0.879186738 1.966923444 1.005826839 1.215366122
 YIL162W YIL162W::SUC2::invertase (sucrose hydrolyzing enzyme) 1
 1.221496541 0.944660399 1.074786798 0.748964546 1 1.373009948
 1.266126128 0.70796826 0.697920792 1 1.189288167 1.034485965
 0.678972261 0.683135441 1 2.108034872 1.597772895 1.69993481
 1.71092056 1 0.809989462 0.492998299 1 1.32769483
 1.252943914 1.385884656 1.570136494 0.930422805 1 0.805999843
 0.744007353 0.708042289 0.7711176 0.622503426 1 1.461395224
 0.997692152 1.081257687 0.818623773 1.113245587 0.732021686
 YOR314W YOR314W::YOR314W::molecular_function unknown 1 1.223391826
 1.367376649 1.743954012 1 1.602811139 1.339800442 1
 1.225645572 1.066684451 1.380949214 1.517376997
 0.704718399 0.428330789 1 1.081200701
 0.965011635 0.986639681 1.363144393 1.115941389 1 0.96727179
 0.701164477 0.729244577 1.075362464 1 0.713085737 0.553878069
 0.683513 0.637570812 0.843862847 1.705715512
 YIL164C YIL164C::NIT1::nitrilase 1.051519064 1.05568427
 0.969432564 0.882051091 1.006114932 0.928132821 1.010959755
 1.065562378 1.339457082 1.157142379 1.099620588 0.852699411 1
 1.300745723 0.896666432 1.028039695 1.18321825 1 1.499880726
 1.722911858 1.319135122 1 0.928779382 0.91297669 0.874915817
 0.778546702 0.997176147 1 1.136877086 1.146078626 0.93146991
 0.997340358 1.31852469 1 1.211959507 1.165624542 1.455793875
 1.366599595 1.119047469
 YOR316C YOR316C::COT1::Protein involved in cobalt accumulation; dosage
 dependent suppressor of cobalt toxicity 1 0.79868163 0.775731042
 0.807330223 0.781932486 1 0.782317565 0.869985097 0.680494844
 0.767545311 1 1.430390003 1.373070747 0.899269249 0.742769433 1
 1.853693851 1.238973576 1.136735162 0.986840858 1 2.067225877
 1.215633332 1.326939804 1.497194324 1 1.73670413 2.249332672
 2.663939386 1.013461875 1.417344079 1 1.828080564 2.178172722
 2.361773609 1.478692754 0.510663496 1 1.856529519 1.995521963
 1.353038699 0.898920629 0.778742585 1.093654335
 YIL166C YIL166C::YIL166C::molecular_function unknown 1 1.361795947
 1.309075697 1.509732919 1.791732083 1 1.464806906 1.638751829
 1.422647426 1.372094242 1 1.600782863 1.530575263 1.42363773
 1.407033125 1.35419182 1.175965316 1
 1.445552384 1 0.939706221 1.199765186 1.033188042
 1.183901316 1 0.904271577 1.076766203 0.776230684 0.833167801
 0.8392745 1 1.199179899 1.101619338 1.037567167 1.302512953
 1.315139353 1.659307463
 YOR318C YOR318C::YOR318C::molecular_function unknown 1 1.955304449
 1.895968473 1.892237463 1.889542921 1 1.776401199 1.597460424
 1.498363799 1 1.530768879 1.418433015 1.537154459 1.359424127
 1 1.165777418
 0.969521695 0.877614058 1.047950811 1.114204098 1 1.20002972
 1.043951717 0.947130301 1.467851175 0.882695418 1 1.202587857
 1.177312878 0.822528027 1.212973811 0.947698833 1.787148487
 YOR320C YOR320C::GNT1::GlcNAc transferase 1 0.842410295 0.773309448
 0.907306391 0.858758835 1 0.899699951 0.978519679 0.964230295
 0.841355258 1 0.772338858 0.861885775 0.566935238 1.118834373 1
 1.394670568 0.820311139 0.736867874 1.662531136 1 1.268907535
 0.882740954 0.652967292 0.985268242 1 1.074740093 1.174539274
 1.416152328 1.16894262 1.222306502 1 1.075525869 1.23428701

0.942831465 0.988087915 0.933115301 1 1.089058705 1.020128173
 1.156565664 1.256649218 0.837422542 1.068261305
 YOR334W "YOR334W::MRS2::mitochondrial magnesium ion transporter similar to
 bacterial CorA, essential for splicing of group II introns" 1 1.129155767
 1.048332774 1.436600222 1.402475638 1 1.177934736 1.487903456
 1.241290865 1.284773182 1 1.025653105 0.89981912 1.104275953
 1.213377103 1 1.262897976 1.101557597 1.52976834 1
 0.843996127 1.189765695 0.865853663 1 0.88877518 0.760886282
 0.614747374 1.140881887 0.933521294 1 0.977141856 0.74503042
 0.680109919 0.944546718 1.137480626 1 0.851500156 0.76597476
 0.982168465 0.972849985 1.332235041 0.795066585
 YOR336W "YOR336W::KRE5::appears to function early in (1,6)-beta-D-glucan
 synthesis pathway" 1 1.287175065 1.05474915 1.345771352 1.002083444 1
 1.267070685 1.31442982 1.037321859 0.967188253 1 1.250681763
 1.294864146 0.819762684 1.214195349 1 1.002596535 0.982628946
 1.196147235 1.017750396 1 0.938148428 1.037303403 0.580772581
 0.708462688 1 0.965041857 0.909455773 1.230824162 1.249731617
 0.87680338 1 0.942741989 0.827013419 0.979434866 1.201907027
 0.623424235 1 0.934636455 0.967155092 1.341373352 1.064643756
 0.975829962 3.082196463
 YOR338W YOR338W::YOR338W::molecular_function unknown 1
 1 1 1
 0.431777174 1.149519837 1.138299635 1 0.697528386
 1 0.74431378 0.631629576 0.917570528 0.822028492 0.767498134 1
 2.227913702 1 0.923248901 1.055497219 1.438189054
 0.918495645 1.679446817
 YIL168W YIL168W::SDL1::L-serine dehydratase 1 1.186079685 1.34758338
 0.946782691 1 1.315191023 1 3.110858383
 3.029585258 1.700737077 1 1.85369582 1.300375309 1.105895767
 1.647904931 1 4.641766165 4.003174589 2.834139945 2.481338359
 0.892466108 1.195600922 0.8941385 0.668023405 0.63919048 1
 3.255401264 3.613086025 3.136305682 3.135804119 1.545848822 1
 4.785588104 3.054178944 1.967475324 0.946549518
 YIL170W YIL170W::HXT12::molecular_function unknown 1 1.631550905
 1.374288107 1.354010853 1.339450981 1 1.670031317 1.807071243
 1.444027475 1.321032645 1 1.610980805 1.133612366 1.256357118 1
 1.054405582 1.009586462 0.822316036 1
 1.014550591 0.998218484 1.215147939 0.92274914 1.032769288 1
 1.309389443 1.681299024 1.103141026 1 1.212194994 1.230375751
 1.043183574 0.664720784 0.855484646
 YIL172C YIL172C::YIL172C::alpha-glucosidase 1 0.925248993 0.94251189
 1.421483858 1.012771461 1 1.108041296 0.926095055 1.183599679 1
 1.094611033 1.065929838 0.978528557 1.494729846 1.106003727
 1.57512637 1 1.044108589
 1.215109813 1.276627191 1.167721752 1.180765147 1 1.039747093
 1.109363413 1.243745896 1.1415603 0.827635888 1 1.403177376
 1.181600934 1.175757044 0.932558327 1.220907041 0.718011674
 YIR009W YIR009W::MSL1::involved in splicing 1 1.180831182 1.602815987
 1.374261337 1.877705396 1 1.272074397 1.364350861 1.719544364
 1.654632135 1 1.23909701 1.658310611 1.62556024 1.647031138 1
 0.686319881 0.744780824 1.171309185 1 0.875406301 1.34241812
 0.923609678 1 1.040452257 1.271604068 1.152280833 1.101035492
 1.20606847 1 1.388466012 1.65044882 1.16581793 1.521283638
 1.633709573 1 1.565140971 1.140632771 1.691298374 0.79465395
 1.966170497 0.712757945
 YIR011C YIR011C::STS1::restores protein transport when overexpressed and
 rRNA stability to a sec23 mutation 1 1.208154419 1.120188525 1.234281343

1.285128036 1 1.086532733 1.053737138 1.113440915 1.209729457 1
1.024860077 1.175282759 1.033085803 0.981995783 1 1.400167983
1.424762164 1.687439153 1.499549104 1 0.662126539 0.615879138
0.553125047 0.555923535 1 0.911956702 1.208522552 0.722048157
0.74474227 0.912692394 1 0.989168997 1.320288263 0.810381007
0.9171615 1.343863267 1 1.410483471 1.251383598 1.24304073
1.243559822 1.449381566 1.106788787
YOR340C YOR340C::RPA43::DNA-dependent RNA polymerase I subunit A43 1
0.735137082 0.68941267 0.76500255 0.815277409 1 0.787237466
0.660711912 0.714684808 0.888979153 1 0.534458484 0.357763917
0.313660912 0.814039782 1 0.444415048 0.205405631 0.280276635
0.724018281 1 0.927498208 0.590627853 0.343197191 0.818007459 1
0.756267557 0.688588519 0.658038154 0.841977979 0.871498664 1
0.868340598 0.625867064 0.533249088 0.829953673 1.324442936 1
0.666497608 0.710174207 0.943645073 1.413400278 0.699738569 1.72147675
YIR013C YIR013C::GAT4::very short and so far mRNA can't be detected 1
1.473631452 1.473994887 1 1.320717922 1.432521914
1 1.226573158 1.425817805 1.758527052 1.348741171
0.49510766 0.188595055 1 0.952820912
1.046971548 1.076565111 1.151104134 1.012518952 1 0.803238967
0.851632901 0.704991448 1.140362303 1 1.054056043 0.830815429
1.021245182 1.259632558 1.279506089
YOR342C YOR342C::YOR342C::molecular_function unknown 1 0.591483378
0.684610633 0.804932069 0.769236063 1 0.685465728 0.675377593
0.891997322 0.848586639 1 0.385554603 0.415193696 0.773954607 1
0.527526033 0.380031936 0.629130064 1.116004006 1 0.498848225
0.845880634 0.967078026 1.056126887 1 0.824241963 0.750901368
1.000773622 0.99199584 1.113394471 1 0.61082068 0.702592441
0.720006802 0.913335432 1.205009369 1 0.495824074 0.632856597
0.93012195 0.946912279 0.81926863 1.337077805
YIR015W YIR015W::RPR2::RNase P Ribonucleoprotein - name given to subunits
that are unique to RNase P (not subunits of RNase MRP) 1 1.168224411
1.136310114 1.175708725 1.157323614 1 1.175564185 1.154927265
1.109052792 1 1.02147518 1.170184262 1.066440002 1.228181978 1
1.204758831 0.628584459 1
0.796961527 1.128636221 1.015959554 1.117594418 1.062882831 1
1.019520243 0.799181318 0.76584701 1.452148497 0.890526225 1
0.792750754 0.719710282 0.918339881 0.893397521 0.877334681 0.933415171
YOR344C YOR344C::TYE7::may be involved in glycolytic gene expression 1
0.731156634 0.7908461 0.978132975 1.405522413 1 0.817864057
0.867823576 1.033655786 0.959193669 1 0.696702882 0.918947749
0.648504936 1.186086144 1 1.536645684 0.921796241 0.958184138
1.437344226 1 1.14766183 1.397716016 1.050139972 1.128340317 1
1.39009472 1.020449833 0.612716756 0.748653338 0.898237996 1
1.913609779 1.867544736 1.914438257 2.310027411 1.955876609 1
2.326304718 1.859433254 1.133570712 1.351863384 1.565353771 2.209199354
YIR017C YIR017C::MET28::Transcriptional activator of sulfur amino acid
metabolism 1 1.993353353 1.958881937 1.136670298 1.351164468 1
1.517905672 1.502085103 1.253676265 1 2.447399253 2.5083363
1.936152402 1.177843191 1 2.483940275 1.335426592 1.980162251 1
1.607430723 1.384946066 1 1.213931805 0.921419648
1.506630438 1.25120022 0.99659752 1 1.721336082 1.271136973
1.522282262 1.592545542 1.380204517 1 3.044469675 2.915714573
2.524250175 1.841505496 2.668076497 1.14969428
YOR358W YOR358W::HAP5::Regulates respiratory functions; subunit of a
heterotrimeric complex required for CCAAT binding 1 1.093850205
1.371211212 1.103563132 1.039729024 1 1.199200182 1.407598226

1.269396623	1	1.178589133	1.555332421	1.051239276	1
1.322957386		1.239017549	1.437841711	0.894080264	1.200967207
0.696636636	0.4696419	1	0.87386736	1.052168098	0.882569176
0.987067047	1.047422958	1	0.917962524	1.151560397	1.057729941
1.106226809	1.28819905	1	1.045477676	0.943448052	0.96492284
0.792875554	1.370566817	1.315187225			
YIR019C	YIR019C::MUC1::Required for invasion and pseudohyphae formation in response to nitrogen starvation				
	1	1.99421831	1.722423585		
1.640589022	1	1.946032903	1.836846453	1.624602969	1.745569999
1.620162896	1.843162552	1.531350333	1.716290715		
	1.007515345		1	0.996611966	1.175741905
1.105485057	1.193863972	0.967845548	1	0.584680573	0.49580713
0.664926236	0.756557636	0.456439896	1	0.672745042	0.663723558
0.640479671	0.576997196				
YIR019C	YIR019C::MUC1::Required for invasion and pseudohyphae formation in response to nitrogen starvation				
	1	1.36417792	1.530786323		1
	1.240494326	1	1.013757714	1.337955032	1.57077325
	0.799485069	0.852117547	0.585877373	0.467995146	
	1	1.210727605	1.069585478	1.271171481	1.396271489
	1.168363222	1	1.68363222	1	1.171031993
1.084561612	2.151305911	1.287436152	1.523448807	1	1.171031993
1.769137009	0.906099021	1.204875975	1.058789268	3.479729756	
YOR360C	YOR360C::PDE2::low-Km (high-affinity) cAMP phosphodiesterase				
	1				1
1.425477439	1.002228686	1.420615472	1.224374433	1	1.509728159
1.331516112	0.95912748	0.987519244	1	1.084939608	0.926921764
0.735819246	1.056939512	1	0.871798805	0.775135531	0.714814226
0.820360215	1	0.765891234	0.618061085	0.487012752	0.876547729
0.923242154	0.772595333	0.76283206	0.882169084	0.952198709	1
0.838616212	0.836424816	0.574911448	0.612918064	0.726686914	1
0.904075181	0.960587782	0.880630327	1.285741726	0.982618358	2.02531828
YIR033W	YIR033W::MGA2::Product of gene unknown				
	1				0.760688992
0.827500344	1.154672296	0.774633555	1	1.059071259	1.147744383
0.807730509	0.752289853	1	1.046721235	0.999660073	0.484799451
1.29134931	1		0.754844561	0.785287317	0.881274453
0.812945211	0.890362752	1	1.027678656	1.3605002	1.133524499
1.114115573	0.987588173	1	1.609610536	1.518591452	1.648562853
1.114344018	1.477701321	1	1.500771637	1.618926648	1.115065416
1.316997479	0.764082315	0.742529143			
YOR362C	YOR362C::PRE10::proteasome component YC1 (protease yscE subunit 1)				
	1	0.840887281	1.063290015	1.158109309	1.0003892
	1	1.003810378			
1.044911629	1.517582825	1.155290898	1	0.966164494	1.364736064
1.687396254	1.168172585	1	2.003679179	2.03472181	2.383351154
1.969626695	1	1.405927105	1.800582839	1.926279248	1.574119167
1.185377476	1.474649949	1.629889786	0.918115059	1.179945381	1
1.057796008	1.280061345	1.025370436	0.90615156	0.577982126	1
1.963534105	1.444297387	1.473074866	1.027498895	1.288542812	1.809039171
YOR364W	YOR364W::YOR364W::molecular_function unknown				
	1				1.30709886
1.428264337	1				1.224795826
1.629286886	1.768603346	1	0.608413309	1.1739549	
1.203747119	1	0.980464453	2.991495015	1.193759013	1.18487739
0.850726609	0.878039779	1.037301482	0.952928293	1.114433008	1
0.936348769	1.02648872		1.099363335	1	
1.210529056	1.023174215	5.253744			
YOR366W	YOR366W::YOR366W::molecular_function unknown				
	1				1.48391491
1.520988982	1	1.549794218	1.929898077	2.018968823	1
1.257400491	1.706558023	2.329153282	1.593498257	1	1.594912083
2.636714267	2.343923811	1	1.150626322	3.736245536	1.381673431

1.148442037 1 0.987376539
1

YOR368W YOR368W::RAD17::DNA Damage checkpoint control 1 1.327345196
1.17932908 1.183683514 1.451838278 1 1.189198724 1.061535571
1.323912745 1.254555019 1 0.869870457 0.946561116 0.913978071
1.028060162 1 0.673478126 0.534139249 0.467123716 1
1.414009887 0.997462757 1.085416801 1 0.928882534 1.01622421
0.762120439 0.962421191 1.186140001 1 0.797061239 0.88723768
0.658742582 0.583661243 0.960993118 1 0.947602013 1.041361099
0.856622503 1.376725185 0.967617431

YOR382W "YOR382W::FIT2::FIT1, FIT2, and FIT3 code for mannoproteins that are incorporated into the cell wall via glycosylphosphatidylinositol anchors." 1
1.25525446 1.542679453 1.124295875 2.002885895 1 1.225841177
1.280824118 2.377727466 2.431119748 1 5.126862949 7.274871906
9.122517203 2.091793744 1 6.685126706 7.806882352 5.180586258
5.821827379 1 5.849939988 12.84165243 5.219310851 3.130831021 1
10.02582003 30.35783939 33.69730636 3.930191769 4.66868345 1
16.8134416 122.6699417 139.8871521 77.98344072 2.788837368 1
33.8111761 126.6172596 81.23288399 1.667955527 1.182019954 5.691556

YIR035C YIR035C::YIR035C::molecular_function unknown 1 1.147557726
1.058028601 0.796650193 0.829888589 1 1.0168623 1.038760556
1.272536208 1.295625817 1 1.031487013 1.062497902 1.133765366
1.173380936 1.011688304 0.723392879 0.738071505 0.843058254 1
1.202879652 1.404215847 1.041125921 0.579715146 1 0.8021477
0.766058958 0.804090657 0.712142013 0.686310846 1 0.903328147
0.936143649 0.920992212 1.036766776 1.341180175 1 1.294027078
1.413394598 1.291570692 1.150153659 1.049364466 1.292420981

YIR037W YIR037W::HYR1::Hydroperoxide resistance conferring gene 1
1.425057711 1.572499258 1.31167856 2.570256104 1 1.192024925
1.457225063 2.072416226 2.418142407 1 1.262774119 1.587916206
3.433183306 1.796139922 1 1.426103538 1.377451933 2.117456109
2.90753114 1 1.413315924 2.425203733 3.391807118 2.15347623 1
1.011650139 1.129957713 1.268266833 0.983910299 0.956267946 1
1.298419692 2.3365703 2.339516873 2.131249066 2.178526626 1
1.23097254 1.677946854 1.437557864 1.669956825 1.712532867 1.073514981

YIR039C YIR039C::YPS6::Gpi-anchored aspartic protease (Yapsin 6)
0.687058181 0.818810121 1.087956047 0.705836664 0.806344858
1.137923767 1.00830975 0.911923138 1.042871691 1.54426686
2.129127283 1.280517581 1 3.795713997 3.450391594 7.123998515
3.694761419 1 1.933258122 2.10049035 3.2157909 3.482420726 1
1.113944924 1.574005672 1.761747394 1.147089318 1.298037095 1
1.529715799 2.635123934 2.863544073 2.061746439 1 1.030199366
1.262070326 1.874828378 1.199419748 1.016599476

YIR041W YIR041W::YIR041W::molecular_function unknown 1 2.267568287
1.852337841 1.921423678 2.017836732 1 2.01270317 1.766880171
1 1.831800732 1.859957017
1 0.786331208 0.598200761 0.826190056
0.686964242 0.666933173 1 1.606493222 0.804813822 1
1.350983357 1.088191774 0.882642084 1.37586475 0.793923385 4.143452658

YIR043C YIR043C::YIR043C::molecular_function unknown 1 1.632168156
1.382259619 1.203526904 1.644545454 1 1.319488507 1.211847044
1.402950577 1.560639258 1 1.339921034 1.484730815 1.967767371
1.223872768 1 2.51279644 2.026912509 2.733245329 2.536313934 1
1.330983803 1.551487993 1.903707431 1.239789669 1 1.066887555
1.087291585 1.434610836 1.336039534 1.142921422 1 0.857205316
1.207864939 0.944128768 0.673323464 0.760793353 1 1.435135059
1.280304709 0.99846103 0.941650962 1.490011022 0.915902707

YOR384W YOR384W::FRE5::similar to FRE2 1 1.16037697 0.870037436
 1.100046377 0.592542158 1 1.293772134 1.354542578 0.68572587
 0.554521254 1 1.634178124 1.254345054 0.411247605 0.781708366 1
 1.740061954 2.0794966 0.463005174 1
 1.175814935 1.190076287 1.639442149 0.986923249 0.97204139 1
 1.443145778 0.953942456 1.506855806 1.124284957 0.316926706 1
 1.246519365 0.983609131 0.714806816 0.719028239 0.624498243
 YJL013C YJL013C::MAD3::checkpoint protein required for cell cycle arrest in
 response to loss of microtubule function 1 0.99191682 1.138285846
 1.328915438 1.404480515 1 1.258327912 1.29996398 1.304594236
 1.296980566 1 1.143616109 1.416205087 1.290051865 1.486053393 1
 1.485332938 1.466218082 1.156707494 1.120455505 1 1.278650848
 1.070942737 0.950050592 0.840099103 1 0.860607642 0.695553194
 0.705366855 0.901766429 1 1.340695683 1.02609252 0.671248725
 0.946996277 1.196696102 1 1.559872443 1.100867509 1.261269002
 0.977701886 1.612107766 1.164579958
 YOR386W YOR386W::PHR1::photolyase 1 0.861184414 1.175049271
 1.2892236 0.863230022 1 1.1570208 1.203050502 0.722164328 1
 1.196678432 1.761570553 0.726952827 1.185270701 1.655743805
 1.556278882 1.282479986 0.8155523 1.363239561 1.160711308
 0.594662288 1 1.134461886 1.619682934 1.368814301 1.03104767
 1.281908717 1 1.416826376 0.875921348 2.053853007 1.461703912
 0.821779466 1 1.530767536 1.274850232 1.623930041 1.039489275
 2.560159757 1.738113653
 YJL015C YJL015C::YJL015C::molecular_function unknown 1 1.243871715
 1.835893864 1.253616341 1.920182352 1 1.285972301 1.215902598
 2.014038239 1.748856286 1 1.340319039 2.738726343 10.57218088
 2.287628701 1 1.897670068 1.761639229 4.312050036 3.606860031 1
 1.632089388 4.615926657 5.494740342 1.706464133 1 0.738859097
 0.859759695 0.639296095 0.567167849 0.744118949 1 1.004986478
 1.756447017 1.422173686 1.487180081 2.321974191 1 1.388988849
 1.764188233 1.435766403 2.139036662 1.935544589 0.976320768
 YOR388C YOR388C::FDH1::Protein with similarity to formate dehydrogenases 1
 1.508262853 1.258461861 1.352185787 1.365031354 1 1.293749882
 1.33401035 1.275549777 1 1.121767513 1.286000181 1.129918268
 1.150732139 1 1.077084301 0.669813155
 1 0.741790245 0.626983742 0.741878798 1
 0.614669792 0.766326065 1.645744521 1 0.680469274 0.829032217
 1.003705362 0.943649442 1.986993902
 YJL017W YJL017W::YJL017W::molecular_function unknown 1 0.9004513
 0.881617509 1.305662721 0.876866514 1 1.150799908 1.335113255
 0.916164915 0.857966003 1 1.075084628 1.78520359 2.086393035
 1.645499533 1 1.010266517 1.016453058 2.131681559 1.631589745 1
 1.22995411 2.44079993 1.563043967 1.497308109 1 0.975706223
 0.941921676 1.425694038 1.181220173 1.018780162 1 0.804491955
 0.708702358 1.072631122 0.931581382 0.637714877 1 1.019037603
 0.750830127 1.192669398 0.960505991 1.238306597 0.88002116
 YOR390W YOR390W::YOR390W::molecular_function unknown 1 1.128830052
 0.705226565 0.915957188 0.801946877 1 1.061762823 0.80541584
 0.624953067 0.721805862 1 0.731538106 0.602966964 0.523800974
 0.592489507 1 0.600044495 0.507023508 1 0.515003778
 0.423206093 1 0.811581629 0.630733634 0.747567107
 1.233612283 0.756064053 1 0.548359 0.421947227 0.414921764
 0.47651859 0.502008654 1 0.471817088 0.391749279 0.758197115
 0.817815899 0.80134285 0.915902707
 YJL019W YJL019W::MPS3::MonoPolar Spindle 1 0.809737787 0.811411866
 1.018422015 0.560163709 1 1.034418445 1.067574653 0.882777832

0.654581144 1 0.951628373 0.785960982 0.385619071 1.227013745 1
0.944676145 0.465240746 0.874240142 0.646728259 1 0.631786274
0.797041112 0.356143884 0.597462612 1 0.87668061 0.807418528
1.161815889 1.187527733 1.118037465 1 0.86688211 0.473738533
0.692648535 0.921954408 0.470163334 1 1.079518177 0.76448155
1.442259732 0.846686015 1.057251149 0.67072796
YOR392W YOR392W::YOR392W::molecular_function unknown 1.122933745
1.231668587
1 0.914533216 1.4364803 1.769806852 1 0.726059674
0.97235437 0.820384688 1.642426176 0.779850678
1 1.265444456 1.333195482 1.473493579
1.079027374 3.900904853
YOR392W YOR392W::YOR392W::molecular_function unknown
1.41099546 0.991220815
0.724536148 0.772422296
1 0.649752227 0.822917733 0.96002899 0.881119007
0.869592861 1 0.430870718 0.587755263 0.750609192 0.852651331
1.066398233 1 0.694262503 1.324501859 0.983707401 1.33997755
YJL021C YJL021C 1 0.984413021 1.239204374 1.065782362 1.133368536 1
1.141457569 1.264772114 1.107471473 1.089660411 1 1.16168952
1.524355617 2.160948969 1.063253545 1 2.196845662 2.171893452
3.516623381 2.053793341 1 0.831251636 1.516770722 1.240240614
0.876578964 1 1.013437885 1.444331638 1.438163856 1.058652272
0.763089655 1 0.96767332 1.425826267 1.485980841 1.171411137
1.270379353 1 1.07120229 1.641334959 1.201775418 1.09946807
1.2136378 0.948300744
YPL012W YPL012W::RRP12::Required for normal pre-rRNA Processing 1
0.791978002 0.517851183 0.956388801 0.767313344 1 0.716996134
0.692143471 0.664320464 0.773833237 1 0.461235959 0.311217411
0.250060429 0.842843911 1 0.29793434 0.257855498 1
0.247299529 0.17619396 1 0.673166832 0.428316153
0.70129433 1.050881783 0.730921344 1 0.684707531 0.366443807
0.334192829 0.741842572 0.516293555 1 0.364996818 0.379221235
0.710114705 0.778246411 0.325165352 0.836220905
YPL014W YPL014W::YPL014W::molecular_function unknown 1 0.852763497
0.621845079 0.653331897 1 0.790942496 0.819358249 0.722136164 1
1.123757124 1.247064861 0.997357832 0.596722025 1 2.007614487
1.697372619 2.471140631 1.069127738 1 1.783345819 2.085675164
1.936128901 0.895958807 1 1.152206917 0.948169766 0.925842006
1.204201812 1.008907738 1 1.050332021 0.795289611 0.601717227
0.949900745 0.610012437 1 0.935113673 0.738313541 0.874319402
0.834366183 0.540434529 6.810603365
YPL014W YPL014W::YPL014W::molecular_function unknown 1.244831203
0.75161991 1.32053042 1.00490422 1.122546355 0.898336405
0.726069267 1.199603846 0.894828599 0.548057468 0.762632416
1 1.527719389
1.600142338 1.200757153 1.101964773 1.484975175 1 1.105426146
1.05926609 1.316479281 1.178106612 1.263034102 1 1.282907248
1.287529566 1.11084992 0.921172675 1.439168762 0.919405158
YPL016W "YPL016W::SWI1::Global transcription activator that acts in complex
with Snf2p, Snf5p, Snf6p, and Swi3p to assist gene-specific activators; involved
in the regulation of expression of many genes, including ADH1, ADH2, GAL1, HO,
INO1 and SUC2" 0.913614934 1.035185539 0.778229594 0.985821753
0.829348683 0.769965755 1.057334011 0.924313386 0.669125769
0.8271347 1.153374629 0.728367833 1 1.087925514 1.126825935
1.11657754 1.188560344 1 1.26242809 1.371172957 1.402736096
1.498101149 1.335275321 0.712390364 1.097214001 0.736861791

0.771238827	1			1		1.432542105	
1.315330755		9.806988633					
YPL018W	YPL018W::CTF19::Chromosome Transmission Fidelity					1	
1.848892935	1.732337238	1.670244893	1.554343072	1		1.75402349	
1.857908213	1.54860533	1.576706486	1	1.586138575		2.294385315	
3.923507369	1.54287517		0.608688249	0.638504932		1	
1.696167324	2.509882551		1	0.874924742		1.091746054	
1.080501852	1.293441237	1.249566196	1	0.694611509		0.730178215	
0.974408185	1.489918387	0.887099189	1	0.604107003		0.650290161	
1.278260358	0.618227564	1.011035896	2.099746354				
YPL020C	YPL020C::ULP1::Ubl (ubiquitin-like protein)-specific protease 1; initially processes Smt3; also acts as a deconjugating enzyme for Smt3					1	
0.9804764	1.296222067	1.333057696	1.264024287	1		1.250068609	
1.087127964	1.013357837	0.997787468	1	0.985811242		1.338340428	
1.064591162	1.193580407			0.60896278		1	
1.213769175	1.165863448			0.884477248		1.111844357	
0.993150438	0.668023405	0.970268264	1	1.274291816		2.074726785	
1.823778344	1.54489853	1.146286743	1	1.877932906		2.30496958	
1.467055922	1.32051473	2.001712248	1.164579958				
YJL023C	YJL023C::PET130::Nuclear gene encoding mitochondrial protein					1	
0.849792049	1.026508	1.062204575	1.137733936	1		1.01929151	
1.103318498	1	0.803393245	0.934525847	1.07997398		1.146494168	
1.212574263	1.052261025	2.083819733	1	1.315304668		2.691849142	
2.06356306	2.05534777	1	1.033338841	1.214678074		0.990006639	
0.996626992	1.149053562	1	1.00915489	1.191672224		1.170556887	
1.429868887	2.147882003	1	1.039610544	1.048965407		1.292498574	
1.143314915	1.219760063	1.003465128					
YJL037W	YJL037W::YJL037W::molecular_function unknown					1	
	1		1			2.098202078	
2.000801203	1	0.901471005		2.320556816		0.1268942	
	1	0.99834816	1.076552418	1.107999912		0.902646829	
0.939910703	1	0.888533841	1.307213607	1.418037182		1.337008399	
1.178949594		0.884022725	0.95298414	0.95823306		0.911020622	
1.183487623	1.20660989						
YJL039C	YJL039C::NUP192::large yeast nucleoporin					1.297776523	
1.059100748	1.581058482	1.042602041		1.647800738		1.673934221	
0.902311372	0.893337765		1.38285985	1.243875191		0.424189464	
1.214925404			0.621635137				
1	0.958139966	0.937037704	1.106217388	1.348607799		0.977411516	
0.903834429	0.832403141	0.611895646	0.763086638	0.509982858		1	
0.777799416	0.772335806	0.908916905	0.765214057	0.702735157		0.87825089	
YJL042W	YJL042W::MHP1::Similar to a 250 kD Drosophila microtubule-associated protein (MAP) (which can rescue MHP1 null mutant) and to mammalian MAP4 proteins						
1	0.95921061	0.858591376	1.069678638	0.710669898	1	1.099809224	
1.098485487	0.790458243	0.681767705	1	1.180141008		1.241607138	
0.760316322	0.870399433		1.637129392	1.776495447		1.33089571	
0.497802888	0.471779924		1	1.079679747		1.053928148	
1.352897293	1.567000564	1.330739222	1	1.239263712		0.907688838	
0.923138947	1.182394239	0.723340524	1	1.034613533		0.874950186	
0.990485746	0.732815711	0.930097515	1.085773768				
YJL044C	YJL044C::GYP6::GTPase-activating protein for Ypt6					1	
1.098744665	1.015013882	1.058652289	0.901801426	1		1.110122636	
1.068078038	1.17245193	1.02233001	1	0.935578797		1.040954138	
0.916794055	1.03139769	1	1.263834222	1.020817377		0.998317356	
1.794109165	1	1.118367163	1.216243266	1.765544347		1.187743689	
0.994614785	0.913812561	0.911638123	0.903793418	1.084555285		1	

0.966537977 0.826292048 0.91152469 0.831295538 1.141576517 1
0.92340527 1.118291235 1.064385577 1.169078635 1.159226126 0.851982143
YJL046W YJL046W::YJL046W::molecular_function unknown 1 0.784187374
1.019645872 0.986970081 1.026195112 1 0.863134 1.002924614
1.083362699 1.006803457 1 0.923658129 1.082832568 0.916976425
0.925330938 1 1.054727125 0.831367444 0.836993828 1.295063574 1
1.433938336 2.368489539 2.0892081 0.774551141 1 1.001310641
1.228374889 0.746628928 0.753442201 1.057331674 1 1.255927187
1.583435694 0.800594126 0.903719019 1.35568485 1 1.686841529
1.031017068 1.214878049 1.56664543 1.157574951
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1.188167519 1.189957676 1.263389866 1 1.525949159 1.171473851
1.231701598 1.156112631 1 1.4579619 1.833934144 2.00443215
0.955514947 1 2.098366484 1.635841649 2.290704519 2.346408826 1
2.331133194 2.539951224 4.183332958 1.561807301 1 0.765777072
0.624175167 0.532364797 0.7632355 0.921571512 1 0.655278575
0.668616757 0.414363006 0.87926932 1.830724691 1 0.805257457
0.623088451 1.19981228 1.181437425 1.745239447 1.336202244
YJL062W YJL062W::LAS21::Local Anesthetics Sensitive: involved in the
attachment of glycosylphosphatidylinositol (GPI) anchors to proteins. 1
0.780039803 0.720736289 0.806313215 0.679850109 1 0.860778732
1.035396714 0.633331703 0.73853815 1 0.954350994 0.791608073
0.568951882 0.653763226 1 0.923426551 0.671379186 0.872597247
0.657911468 1 0.893336545 0.648880851 0.611770326 0.644341645 1
0.96962861 1.030907913 1.095676405 1.240361867 0.843615557 1
0.882076491 0.692410325 0.844865836 0.729864203 0.475177138 1
0.873459474 0.779291629 0.933818435 0.769645279 1.060377016 0.633951756
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1.621375933 1 1.322863061 1.449121214 1.709590574 1.441047655 1
0.884609512 0.611349951 0.545189551 0.995296151 1 1.541462672
1.08509653 2.137042436 1.396457113 1 1.194593483 1.021732229
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1.037169831 1.388771502 1.306788682 2.161039975
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1.420578334 1.296567005 1.42228489 1 1.287746837 1.521550725
1.357337072 1.569022505 1 1.205745542 1.543840502 2.289973389
1.349544311 1 1.895057802 1.549124972 1.951437667 2.27339015 1
1.495148466 2.014878846 2.584473626 1.798109679 1 1.160576969
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YJL068C YJL068C::YJL068C::not yet annotated 1 1.054771052 1.090173115
1.190769632 0.814566203 1 1.143425681 1.326541718 1.248225464
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1.313040755 1.277411107 1.7255988 2.502674393 1 1.252181119
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1.81610818 1.29977375 1.076116359 1 1.249137828 1.181996626
2.158516092 1.614631718 0.545593666 1 1.278186836 1.406120005
0.83752465 1.019917619 1.139186823
YJL070C YJL070C::YJL070C::molecular_function unknown 1 1.612197959
1.908469327 1.5484807 1.862338899 1 1.600886285 1.693044324
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1.422473741 1 1.09641571 1.22170808 1
2.274902205 1 0.632765654 0.669074521 0.692654011
0.726138379 0.758745318 1 0.943662823 0.604323401 0.559953501

	1.08256025	1	0.897705205	0.66564953	0.436210083	1.408014414
	0.65869353		0.964937646			
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	1.256437176	1	1.204161673	0.969199108	0.972022485	1.024641517
	1.014907779	0.769107509	0.846139503	1.252373464	1	0.983578549
	1.49505538	0.947098057	0.98477824	1	1.056708991	1.272659444
	0.869542234	0.86196186	1.04435324	1	0.833570547	0.953097742
	0.916217586	0.806448983	0.995362901	1	1.268904308	1.122408307
	1.148628716	0.803167418	1.209236781			
YJL086C	YJL086C::YJL086C::molecular_function	unknown		0.889756387		
		0.109493142	0.501372186	0.44009567	1	0.330173507
	0.417721594	1	0.626792629	0.714808268	0.698484638	0.857716589
	0.96291705	1	0.816847317	0.536801343	0.817064886	1.244250491
	0.50645115		0.513316177			
YJL088W	YJL088W::ARG3::Sixth step in arginine biosynthesis		1			
	2.103642428	1.573753169	0.780280531	1	1.059230815	1.002476448
	0.602367069	0.636763023	1	2.124050593	0.96990714	0.862665963
	0.434975315	1	1.678437877	1.940493088	1.120039811	1.185864151
	1.754492759	1.948686188	1.225655323	1.056484117	1	0.909894662
	0.971428988	1.101823025	0.989143405	1	0.964877508	0.678293157
	1.721605657	1.817812294	1.257937888	1	0.943376788	
	1.065567694		0.935166396			
YJL090C	"YJL090C::DPB11::Part of the DNA polymerase II complex, acts in a checkpoint pathway during S-phase"		1	0.908489954	0.953117307	1.223253296
	1.093085706	1	1.103583805	1.114338079	1.11357355	1
	0.91676804	0.838540165	0.78768573	1.032593305	1	0.967973265
	1.053346276	0.704690179		0.462174316		1
	1.053738393	0.894585968	0.896210005	0.876335981	1.111132567	1
	0.923075497	0.830247821	1.127693332	0.967340932	0.797845963	1
	0.903253824	0.958480366	1.164402174	1.040319199	0.983829895	1.042868171
YJL092W	YJL092W::HPR5::Required for proper timing of committment to meiotic recombination and the transition from Meiosis I to Meiosis II		1			
	0.862281511	0.987173779	1.063337806	1.138630615	1	0.897759365
	0.955010308	1.135772	1.114219558	1	0.799933067	0.751853663
	0.690329044	1.007369749	1		0.643185304	0.656689552
	1.589827016		1.527474924	1.010479775	1	0.791327724
	0.627016349	0.822103959	0.937316378	1	0.893714269	0.85493024
	0.837549953	0.893914966	1.397821459	1	0.917851224	0.872075284
	0.987115667	0.966767087	1.095046642	0.746907259		
YJL094C	YJL094C::KHA1::putative K+/H+ antiporter		1	1.000287617		
	0.897100826	1.07567879	0.816847888	1	1.038998977	0.87698276
	0.760111183	1	1.14074128	0.985892036	0.657230956	0.931466846
	0.917000511	0.774631051	0.675191716	0.73217757	1	0.972509926
	1.161489212	0.704640722	0.974985734	1	1.764402547	1.488335274
	1.380718201	1.280639054	1.068024553	1	1.29767603	0.81875721
	1.153159273	0.803131411	0.444277654	1	1.13665551	0.931648921
	0.9693263	0.668837806	0.845191055	0.797693476		
YJL096W	YJL096W::MRPL49::mitochondrial ribosomal protein of the large subunit		1	0.686103953	1.243109626	0.883441768
	0.845827265	0.924920179		1.454253672	1	0.725703394
	1.443229843	0.965850373	1	0.6717897	0.520792584	0.407830635
	1.276760686	1	1.389702854	2.530934502	3.039285076	1.50332961
	1.18914821	1.168424805	0.667228952	0.727851578	1.130014988	1
	1.256932074	1.733538605	1.323503283	0.971193668	2.015592684	1
	1.232578864	1.760319563	1.061784653	2.0400059	1.548908802	1.407127762

YJL110C YJL110C::GZF3::Dal80 homolog 1 0.617390469 0.800950687
0.844296946 0.968714994 1 0.806756249 0.992648667 0.802535361
0.837524564 1 0.724005279 0.704016653 0.658535484 0.855064069 1
0.70185324 0.687214421 0.808092447 0.955099456 1 0.562488901
0.798245459 0.915479968 0.778029968 1 0.939031957 0.899080484
0.742928939 0.754224536 0.893229977 1 0.861239854 0.871456511
0.943280637 1.002806651 1.115470194 1 0.822710798 0.983220609
1.004246804 1.054925734 1.011207876 0.880002116
YDL066W YDL066W::IDP1::Mitochondrial form of NADP-specific isocitrate
dehydrogenase 1 1.236692641 1.266414721 1.794406023 1.176660815 1
1.253666901 1.329940033 1.221980423 1.386100997 1 1.875930229
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1.527457437
0.570906857
YCL073C YCL073C::YCL073C::not yet annotated 1 1.158715049 0.958709396
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YDL068w YDL068w::YDL068W::molecular_function unknown 1 1.396267378
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YER119CA YER119CA::YER119C-A::molecular_function unknown 1 1.168198558
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YDL070w "YDL070w::BDF2::bromodomain protein, homolog of BDF1" 1
0.597800848 0.752392417 0.907610623 0.669063239 1 0.856723351
0.764820224 0.706660013 1 0.508851145 0.817710723 0.666474202
0.777776556 1 0.986886357 0.922217583 1.212657205 1.353834922 1
1.348895683 1.414148386 1.438582895 0.965723419 1 0.998464576
1.304796358 1.381357879 1.200319845 1.467788916 1 0.888167351
0.817508532 1.496095858 0.854310342 0.779551871 1 1.100043403
1.023333425 1.162257977 1.05322665 1.340472541 0.870370271
YMR060C YMR060C::TOM37::Translocase of the Outer Mitochondrial membrane 1
0.841000841 1.185749895 1.017495044 1.386813759 1 0.938956078
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1.481450224 1 1.790351199 1.162565004 1.17778129
1.194680478 0.915355374 0.716501167 1.087006628 1 1.161804837
1.368770413 0.93641179 0.996983327 1.475879506 1 1.380063959
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YDL088C YDL088C::ASM4::Suppressor of thermosensitive mutations in the DNA
polymerase delta gene 1 0.733826164 0.946554691 0.917119281 0.859906349 1
0.901201221 0.852761359 0.789617344 1 0.813053706 0.87290431
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YDL092W YDL092W::SRP14::Signal recognition particle subunit 1
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 YJL112W YJL112W::MDV1::WD repeat protein that regulates steps in the Dnmlp-
 dependent process of mitochondrial fission. 1 0.625515139 0.755337135
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 1.013184933 1.183650653 1 0.80994826 0.589306788 0.730977107
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 0.964859756 1.010019862 0.674230463
 YJL114W YJL114W 1 1.218743318 1.716514281 1.373658132 1
 1.649110348 1.553522575 1 1.544599805 1.665888081
 1.667438155 1 0.870133016 1.858505895 1 0.818872246
 2.779152317 1.191637965 1 0.692206587 0.893718284 0.864948582
 1.03550064 0.993116799 1 0.454684401 0.473479055 0.783320582
 0.836111162 0.57791427 1 0.785455425 0.750036456 0.610821761
 0.97241752 0.563901851
 YJL116C "YJL116C::NCA3::With NCA2, regulates proper expression of subunits 6
 (Atp6p) and 8 (Atp8p) of the Fo-F1 ATP synthase" 1 1.080077662
 1.01251886 1.505183138 1.285205806 1 0.945319565 1.058928498
 1.315235668 1.892061648 1 0.747619675 0.8346631 1.823409207
 2.054273842 1 1.0261064 1.620954079 2.600114834 2.182382747 1
 0.702277901 1.437455299 0.569894155 0.808049323 1 1.067491297
 1.100109606 1.151931914 1.44335085 1.408426028 1 0.617248962
 0.747119714 0.736724655 1.7947111 1.482723695 1 0.971158705
 0.683382996 0.965782749 0.989648939 1.259184441 0.776678509
 YJL118W YJL118W::molecular_function unknown 1 1.087991455
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 2.285120447 1.668864582 3.450583371 2.878613866 1 1.714715259
 3.513680893 3.294849316 1.192817042 1 1.249866916 1.422980522
 1.068804609 0.959027526 0.928645147 1 1.482175839 0.814360281
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 YJL120W YJL120W::molecular_function unknown 1 1.513811551
 1.323147313 0.879871316 1 1.318681568 1.21733101 0.986864795
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 0.458103752 0.349436623 0.89903925 1 1.120949137 0.93931848
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 1.293947394 1.113442804 0.997335787
 YJL134W YJL134W::LCB3::Protein involved in incorporation of exogenous long
 chain bases in sphingolipids 1 1.170657589 0.970639849 0.882327049 1
 1.113322014 0.984522384 0.8090736 0.887478027 1 1.071006025
 0.825331221 0.873482669 0.722375307 1 1.289313343 0.818363392
 1.028887044 0.832313654 1 0.881384934 1.236546048 0.850543024
 0.625195788 1 0.959240767 0.882070082 0.922726625 0.98294496
 0.78850646 1 0.854325597 0.904497165 1.296302459 0.840660227
 0.629897966 1 1.051306014 0.987119183 0.849542586 0.915395117
 0.786973721 0.991206341
 YJL136C YJL136C::RPS21B::Homology to rat S21 1 0.954429269
 1.224279635 0.691822956 1.682530341 1 0.963825114 0.843747813
 1.236954607 1.080173037 1 0.757964688 0.804079312 0.740483193
 0.837868473 1 0.845018416 0.347345155 0.215534975 0.731476336 1

1.410949036	1.03103574	0.66392652	0.792758366	1	1.201335849
1.314086361	0.821984036	1.306152115	1.454622573	1	1.566508833
2.244326786	0.862344205	0.819954545	1.972395748	1	1.195660875
1.532979805	0.969974992	2.191669533	1.193750505	1.027106933	
YJL138C	YJL138C::TIF2::translation initiation factor eIF4A				1
1.069097077	0.713082976	0.777366454	1.025368161	1	0.984164855
0.745285593	0.868928828	1	0.94799562	0.648653348	0.446121396
0.665759908	1	1.034073402	0.627024108	0.45894915	0.846552938
0.828225428	0.415820352	0.457267751	0.709272516	1	1.175754271
1.216023342	1.241948427	1.541936324	1.24334988	1	0.923179105
0.763502806	0.826094496	0.479442255	0.509340248	1	1.049088068
0.706632888	0.800787161	0.816936052	0.667999757	0.820459668	
YJL140W	YJL140W::RPB4::fourth-largest subunit of RNA polymerase II				1
0.651082898	0.943117399	0.712236007	1.167525975	1	0.679609324
0.650501692	1.095132576	1.421226103	1	0.722846198	0.795930003
1.149325909	0.813939907	1	1.074357436	0.808857396	0.689825095
1.299379153	1	1.974340337	2.282919632	1.838402234	1.478261905
0.818590508	0.989214015	0.723908122	0.679977208	0.848294411	1
1.020453692	1.349207948	1.377139196	1.160931747	1.588771716	1
1.105692108	1.192448876	1.008622287	1.167159199	1.262176045	1.063007524
YJL142C	YJL142C::YJL142C::molecular_function unknown				1
1.810637612	0.905879804	1.641882922	1	1.132899675	1.293429326
1.259268564	1	1.373515713	1.518136779	3.169145786	1.055794921
1.407339896	1.056055088	1.147342835	1.548345342	1	1.957217645
3.624719875	3.780724584	1.297630577	1	1.092556963	0.983829821
0.720533078	0.704472098	0.976249588	1	1.20864781	1.387527726
1.444680841	0.795760893	1.558892885	1	1.289711285	1.526787237
0.885297586	1.661474816	1.38612582	1.187346097		
YMR062C	YMR062C::ECM40::ExtraCellular Mutant				1
1.26123224	0.917714168	0.579921316	1	0.921979493	0.958072054
0.814466828	0.735037508	1	2.334061946	2.560764413	0.687218532
0.51689696	1	2.039653812	1.356682774	0.670611873	0.704435018
3.340889787	2.316554616	1.18557473	1.012904994	1	0.973392321
1.048594735	1.193869231	1.112613774	0.928898883	1	1.406347576
1.634144266	1.414277384	0.953995987	0.906811028	1	2.194526147
2.250147558	1.604632927	1.226293563	1.03144994	1.447406469	
YMR033W	YMR033W::ARP9::involved in transcriptional regulation				1
0.721006121	0.875943175	0.962235226	0.756159492	1	0.855852907
0.95588748	0.934473311	0.853809767	1	0.747913283	0.864891763
0.678607714	0.935123158	1	0.780797069	0.567426536	0.758678878
0.964802301	1	1.042047318	0.59454082	0.863598185	0.660586673
0.808595529	0.944718765	0.955615382	0.810911845	0.955336832	1
1.134047895	0.756909942	0.775438756	1.017232298	0.686472955	1
1.093890354	0.891991536	1.129534998	0.685759135	1.051479186	0.824837783
YDL110c	YDL110c::YDL110C::molecular_function unknown				1
1.977473952	1.415048749	1.911760807	1	1.276495843	1.686679418
1.913070062	1.735339515	1	1.243989012	2.325566193	4.699568172
1.706721958	1	3.129741723	2.265179615	3.178781701	3.560823568
3.437933209	4.038193208	6.329384578	2.6951426	1	1.15217865
1.894453669	1.435405675	0.85781107	1.192017227	1	1.458741044
2.239843291	1.61722546	2.020612624	1	1.557110879	1.823628661
2.062304764	3.045852057	1.706591177			
YDL112w	YDL112w::TRM3::Trna ribose methylase				1
0.741728442	1.206752219	0.817659714	1	1.151347469	1.00903764
0.761940952	0.770313747	1	0.903140282	0.707884315	0.358536475
1.055689666	0.841367249		0.954328648	0.860937156	1
0.479024092	0.63649614		0.355065857	1	0.825509212
				0.630913985	

	0.792323437	0.974173177	0.825207542	1	0.984550595	0.646166263	
	0.761062446	1.009992589	0.510013002	1	0.769171588	0.71922957	
	0.930317358	0.831771558	0.589967629	0.748658537			
YDL114w	YDL114w::YDL114W::molecular_function unknown						1
	1.104934597	3.128582226		1	0.444374685	2.32280152	
			1.058300381		0.85530924	1.722091744	
	1.778381179	1.089052929		1			
	0.746031646						
YDL116W	"YDL116W::NUP84::component of nuclear pores; Part of complex with Nup120p, Nup85p, Sec13p, and a Sec13p homolog"						1
	0.988611307	0.87270441	1	1.052790433	0.963118304	0.812515502	
	0.711564426	1	0.841034425	0.861397729	0.504272669	1.015661333	
	0.734198871	0.490956457	0.662760292	0.642170914	1	0.597135593	
	0.680073196	0.845872354	0.64976865	1	0.935496015	0.788089557	
	0.740065138	0.859970402	0.928983898	1	1.042506627	0.746323821	
	0.82057398	0.878562313	0.833275463	1	0.901194374	0.714549196	
	0.927645629	0.831882214	0.971578813	1.016599476			
YDL118w	YDL118w::YDL118W::molecular_function unknown					1	0.985620949
	0.935425851	1.341965181	0.998150774	1	1.305105103	1.169488906	
	1.040195748	0.979537536	1	1.088541114	1.171611714	1.003607862	
	1.124289967	1	0.904371955	0.831162448	1.176694789	0.755651856	
	0.76035343	1.270565571	1.137958331	0.692008047	1	0.91168941	
	0.886262998		1.015762126	1	0.648373887	0.482503397	
	0.799438358	0.768699748	0.434770928	1	0.844001342	0.568538773	
	0.916732568	0.746031646					
YDL120w	YDL120w::YFH1::Yeast Frataxin Homologue					1	1.064345603
	1.445723115	1.058260487	1.699887543	1	1.074075276	1.064504334	
	1.529900653	1.347784579	1	1.007176443	1.093166193	1.83297773	
	1.286060348	1	0.79078778	0.752850952	0.953894856	1.612527424	
	1.148761146	1.581957549	2.408636535	1.190185217	1	0.810874164	
	0.526280813	0.360190248	0.742428034	0.75433728	1	0.812511087	
	0.719978525	0.606900989	0.753425645	1.821121938	1	0.879317067	
	0.685148575	0.859607253	1.341258035	1.529134659	1.203983		
YDL134C	YDL134C::PPH21::serine-threonine protein phosphatase 2A					1	
	1.121256065	0.959178895	1.189345834	0.99561648	1	1.220803784	
	1.149248623	0.891629795	1.001890486	1	1.028539268	1.082591824	
	1.021016328	1.095519323	1	1.583554272	1.359290935	1.542567844	
	1.064506601	1	0.86730954	0.595055762	0.936109106	0.987573519	
	1.126430713	0.98335382	1.090879546	0.956955972	0.959225417	1	
	1.030481372	1.001134095	1.253330379	0.84642524	0.938182622	1	
	1.238450506	1.124720535	1.088448147	1.076897151	1.153586448	0.822210945	
YDL136w	YDL136w::RPL35B::Homology to rat L35					1	0.946733625
	1.362404426	0.900357451	1.77098268	1	0.908935505	0.932322572	
	1.605972889	1.377266176	1	0.906569596	0.94647408	1.006045566	
	1.078733103	1	0.729007913	0.303232965	0.199153034	0.458228657	
	1.601685263	1.292501989	0.938672285	0.903208838	1	0.816810434	
	0.895070063	0.550151663	0.618804005	0.91218081	1	1.479708249	
	1.918575501	1.212236416	1.126817186	2.503921468	1	1.123240721	
	1.473081904	1.053688115	1.684582928	1.224283627	1.147943055		
YDL140C	YDL140C::RPO21::RNA polymerase II large subunit					1	1.047459412
	0.803770423	1.224754341	0.485667781	1	1.220896014	1.334183648	
	0.676524432	0.636861621	1	1.204452711	1.10897552	0.398437862	
	0.869546699	1	1.256604032	1.132976699	0.4676454	1	
	0.489446225	0.598844831	0.351197492	0.524206853	1	0.895126237	
	0.827081302	1.030823399	1.034660985	0.830746843	1	0.88217827	

	0.560239072	0.703645738	0.630735746	0.460121114	1	0.740288673	
	0.633072689	0.869654029	0.578083332	0.647842213	0.735524137		
YDL142c	YDL142c::CRD1::Cardiolipin synthase	1	0.964305954	1.071532677			
	0.750153125	1.010152259	1	0.887537693	0.817411766	1.144648433	
	0.986463032	1	1.039306412	1.11790873	1.37277727	0.873000169	1
	1.033167045	1.262904248	1.35840244	1	2.17278477	2.589460756	
	2.303078888	2.10885678	1	1.304836982	1.357547705	1.282726037	
	0.99449059	0.89015932	1	1.287045059	1.40471995	1.408419247	
	0.988492709	1.456188072	1	1.528785052	1.496726139	1.075896186	
	1.084082351	1.146077965	1.403625311				
YJL144W	YJL144W::YJL144W::molecular_function unknown	1	1.373182302				
	1.858840069	3.038876912	1.252742948	1	2.146496095	1.910330123	
	2.729264919	1	1.397111627	2.872549002	4.402752149	2.235978425	1
	0.815316583	1.873466338	1.914674745	0.89508917	1	0.724338948	
	0.414962213	0.488423617	0.403426816	1	1.61636778	1.608852541	
	1.370274722	2.726631609	2.008487126	1	0.908319798	0.324989138	
	0.763024981	1.316445062	0.289909992	1	0.527635345	0.323954647	
	0.446958248	0.226577039	0.500757224	0.364259592			
YJL158C	YJL158C::CIS3::cik1 suppressor	1	1.628295009	1.26220281			
	0.604755723	0.88347119	1	1.235246049	1.230887253	0.659618983	
	0.859244245	1	1.241161737	1.068301781	1.343054534	0.702980643	1
	0.783234737	0.630339752	0.712328836	0.861952303	1	0.595380903	
	0.680055542	0.508145399	0.665563466	1	0.81174412	0.615129622	
	0.679173095		0.687317614		0.709678438	0.731432639	
		1.057872949			0.605860918	-12.258736	
YJL158C	YJL158C::CIS3::cik1 suppressor						
				1	1.367829968	1.049650907	
	1.181552545	1.506265771	1.116980423	1	0.923344031	1.056358992	
	0.852120529	0.988547662	0.68839496	1	0.848433453	0.778063734	
	0.776428281	0.860627955	0.832814054	2.284502988			
YJL160C	YJL160C::YJL160C::molecular_function unknown	1	1.602498348				
	1.713239709		1.688539427	1	1.713406723	1.544809093	1.608548453
	1.753453689	1	1.495293161	1.709648454	1.946056993	1.721112355	1
	1.27546891	1.524477739	1.666512224		1	0.953479457	1.583545497
	0.771006062	1	0.742686394	0.832452432	0.753720413	0.932323982	
	0.977696038	1	0.626966192	0.759198136	0.79057596	0.732534826	
	1.193493409	1	1.067911494	1.166087071		0.989331756	1.812083521
YJL162C	YJL162C::YJL162C::molecular_function unknown	1	0.71273133				
	0.865725979	0.960449255	1.069156823	1	0.763562454	0.875891222	
	0.817381564	0.93287596	1	0.776941583	0.721867661		0.905909001
	0.795997103	0.686773627	0.826014167	0.860743465	1	1.011686737	
	1.388523364	0.91444233	0.7961092	1	1.036302637	1.085689107	
	1.048999855	0.950675945	1.280380042	1	1.255389169	1.251301236	
	1.253440823	1.062402639	1.351647932	1	0.923057289	1.135461635	
	0.932765322	1.25054422	0.882162209	0.83446968			
YJL164C	YJL164C::TPK1::putative catalytic subunit of cAMP-dependent protein kinase	1	1.270677637	1			
	1.378870662	1.409654005	1.486152791	1.084196847	1	1.385854459	
	2.109118949	2.413817648	1.138311596	1	2.594974975	1.978072441	
	2.060243953	1.800348773	1	2.693179861	2.907636736	2.265954807	
	1.455235834	1	1.127452352	1.629890721	1.75785045	1.199424212	
	1.241580615	1	1.364947082	1.348395698	2.401732571	1.272190028	1
	2.084442534	1.63670058	1.34406463	1.342530121	1.887487534	0.943047067	
YJL166W	YJL166W::QCR8::Ubiquinol cytochrome-c reductase subunit 8 (11 kDa protein)	1	1.328817549	2.262307733	1.315743997	2.645328285	1
	1.53273905	1.646469076	2.207307015	1.939203082	1	0.932509997	

1.232399385 2.325265849 1.210242239 1 0.975996336 0.437717087
0.868166402 1.945577042 1 1.971657366 1.795740714 3.247599979
2.021338202 1 0.561475738 0.339114353 0.234843738 0.781835463 1
0.648068944 0.289399901 0.269243545 0.484922414 2.019717589 1
0.549160662 0.297029585 0.506878085 2.282924096 1.77995679 0.993833232
YJL168C YJL168C::SET2::Contains a 'SET' or 'TROMO' domain at the N-terminus
of the protein
 Methyltransferase activity is important for transcriptional
repression activity 1 0.887232947 0.994819342 1.156563107 1.000691242 1
1.136564788 1.039692999 0.855700838 0.787266258 1 1.014411022
1.034298381 0.560681402 0.959015345 1 0.967504805 1.146163595
0.988589262 0.746894151 1 0.77222991 0.902284665 0.574594147
0.638218743 1 0.973537612 0.979236183 1.066387033 1.147055754
1.09371043 1 0.93154187 0.879918787 0.921483876 0.984197702 1
0.917783675 1.046611674 1.151177127 1.045232575 0.911480818 1.157574951
YJL182C YJL182C::YJL182C::molecular_function unknown 1 1.832327616
1.930041239 1.70621252 1 1.803761895 1
1.301162359 1.120160249 1 0.819703304
0.797474162 1 0.733553346 0.625061927
0.850407537 1 0.726981292 0.626645473 0.540644936
1.796216987 0.498825176 0.403734298 0.733011782 0.914103562
0.473712592
YJL184W YJL184W::YJL184W::molecular_function unknown 1 1.029990731
1.677091384 1.167224727 1.674882239 1 0.975470435 1.131202728
1.659764715 1.64237088 1 1.314298617 1.391665211 1.573534735
1.397821474 1 0.875358834 0.535170893 0.613319698 1.014089967 1
1.943444254 2.309505841 1.57897264 1.107510646 1 1.221006309
1.313304957 1.040198573 0.942393096 1.150460112 1 1.34036731
1.701432752 1.435133399 1.924272572 1 0.892139214 1.181417215
1.275538207 1.57224607 1.082747571 1.408878988
YJL186W YJL186W::MNN5::mannan synthesis 1 1.517029795 1.18651548
1.488582643 1.301947709 1 1.476682584 1.230669013 1.272739193
1.33190211 1 1.093296495 0.991232886 0.975940128 1.167054735 1
0.702069491 0.57245295 0.634945848 0.8563765 1 0.590721052
0.652517056 0.855706299 0.633488231 1 1.050049962 0.983428706
1.127750684 1.069729647 1.177979349 1 0.840428738 0.89326169
0.917778772 0.571723901 1 0.748655788 0.651109156 0.840931871
0.687929098 0.730450593 1.405376537
YDL144c YDL144c::YDL144C::molecular_function unknown 1 0.991502932
1.204125637 0.948325093 0.657434586 1 1.093572477 1.221905551
1.146734528 1.062227184 1 1.171411395 1.288936531 1.418054178
1.012150238 1 1.057323666 0.931381318 1.263133081 1.05697857 1
1.176166784 1.131060339 1.186981434 1.394980902 1 0.963775033
1.172992246 1.436614191 0.989817236 0.761017045 1 1.030316289
1.179439709 1.127514173 0.992568439 0.840541037 1 0.76661289
1.153392127 1.047226213 0.765399617 0.788013303 0.938668951
YDL158c YDL158c::YDL158C::molecular_function unknown 1 1.611464674
1.971939162 1.388178897 2.376220187 1 1.24251664 1.184215244
2.194982034 2.052589329 1 1.130704135 1.43715396 1.724760736
1.87204068 1 0.928422909 0.569225305 0.689623518 1.617103134 1
1.580984739 2.037057742 1.169529166 0.942012763 1 0.733491313
0.850496274 0.675099419 0.635069629 0.959072216 1 0.907286032
1.474287483 1.258591404 1.017243244 1.696830607 1 1.027351932
1.616265155 1.263211471 1.833509025 1.146348595 2.469259622
YDL160C YDL160C::DHH1::Putative RNA helicase of DEAD box family 1
1.190881864 0.904457664 1.481799446 0.587225228 1 1.316246327
1.249268949 0.890889167 0.867663787 1 1.325282069 1.138095974
0.722688209 1.092534448 1 1.132831343 0.873246924 1

0.356167902	0.634425913	0.44359541	0.541483953	1	0.743007131	
0.676356511	0.854723918	0.985691746	0.650856251	1	0.849130472	
0.474642444	0.723245122	0.850064785	0.337896073	1	0.733791103	
0.653886039	0.942549818	0.571333679	0.750568096	0.764419775		
YDL162c	YDL162c::YDL162C::molecular_function	unknown		1	1.304723999	
1.228760699	1.360686376	1.250633673	1	1.239237737	1.233201508	
1.298549481	1	1.027315309	1.251698359	0.909866531	1.340262507	1
	0.86261416		0.467995146			1
1.133154334	1.300518065	1.044912039	1	0.941297814	0.654689836	
0.889892534	1	0.850597237			0.913023971	
0.80995221						
YDL164C	"YDL164C::CDC9::essential for mitosis and meiosis, dispensable for intragenic recombination, but required for haploidization and spores"			1		
1.013444765	0.929449331	1.23446899	0.747659235	1	1.238467446	
1.233294285	1.068278245	0.940141554	1	0.958933035	0.863258535	
0.738705882	1.212549805	1	0.665761051	0.431302466	0.737614625	
0.747088991	1	0.679591761	0.782216765	0.533432297	0.817480673	1
0.828597858	0.805825171	1.036440607	0.958176866	0.896603371	1	
1.010120068	0.823501558	0.851307151	0.948050608	0.709651339	1	
0.897063193	0.726527025	0.86093306	0.565411818	0.846350329	0.767922225	
YDL166c	YDL166c::FAP7::Nuclear protein involved in oxidative stress response					
1	0.847386268	1.118588711	0.938117492	1.225169893	1	0.931035113
0.722796247	1.310005944	1.217016675	1	0.853102884	0.824763262	
0.834426401	1.248391464		0.6179954	0.704938997	0.508903527	1
1.198963634	1.130224003	1.317371827		1	0.941827727	1.056844602
0.620645951	0.681007011	0.86507737	1	0.98681952	1.514262143	
1.028028107	1.929322012	1		1.148423616	1.504564838	1.105848931
1.794136622	1.235113031	1.482431396				
YDL168W	YDL168W::SFA1::Long-chain alcohol dehydrogenase (glutathione-dependent formaldehyde dehydrogenase)			1	1.104336807	1.032982206
1.006272106	0.870069675	1	1.042806313	0.980667058	1.226095734	
1.310350253	1	1.488356958	1.401482067	1.070660306	1.230466845	1
1.205886949	1.123470072	1.005861345	1.477259491	1	1.940647512	
1.331281982	1.220158482	1.538831802	1	1.296116546	1.336176305	
1.462535657	1.116182035	0.84180222	1	1.254455384	1.526978557	
1.251406996	0.854700113	0.66098678	1	1.058272283	1.535829845	
1.069812203	0.649204256	0.647397762	1.225873579			
YDL182w	"YDL182w::LYS20::homocitrate synthase, highly homologous to YDL131W"					
1	1.361191715	1.015403562	0.909613937	0.527741922	1	1.00148301
0.930006715	0.780261561	0.761105147	1	2.810481874	1.932666291	
0.676739496	1.021086739	1	2.486768671	4.793445957	4.63673335	
1.624454623	1	1.973114938	2.690186241	3.287356377	3.159638432	1
1.374149531	1.029251845	1.235975224	1.221615816	0.901228682	1	
1.22234831	1.389943936	1.062187133	0.788007275	0.859320777	1	
1.71718776	1.508845238	1.972761038	0.927478115	0.691239748	1.485058286	
YDL184C	YDL184C::RPL41A::Homology to human L41			1	1.128891619	
2.057628152	1.068343948	2.355675307	1	1.085645748	1.139835479	
2.558629855	1.435587995	1	0.939362121	1.49015604	1.944586239	
1.131010336	1	0.707525809	0.441027487	0.363006274	0.474170686	1
2.313144655	1.830200366	0.977599028	0.875749173	1	0.894591552	
0.952129215	0.546373847	0.673523539	1.277138516	1	1.435084551	
2.610926125	1.40764757	1.588958985	3.368380013	1	1.172049393	
2.422652964	1.700717522	3.089552336	2.129732356	1.261774171		
YDL186w	YDL186w::YDL186W::molecular_function	unknown		1	1.986228617	
1.761331067	1.340571936	2.198612503	1	1.557390453	1.586095219	
1.840981557	1	1.642465246	1.348510304	2.291369788	1.912199444	
0.497933084		1		1.696880003	1.685632475	1

	0.914420501	0.843787056	0.543564234	0.802444738	0.855903626	1	0.942143
	1.310687214	0.843570459	0.765304094	1.846331666	1	0.924696811	
	1.211900151	0.868386518		1.210713119	1.323943457		
YJL188C	YJL188C::BUD19	1	0.893599163	1.766873205	0.802420884		
	2.183041795	1	0.885223697	0.932228205	1.770984651	1.322868563	1
	0.734853025	1.159309797	1.159200327	1.012158233	1	0.554963894	
	0.273587345	0.159069684	0.680581083	1	1.643501555	1.758835715	
	0.862309467	0.656968316	1	0.514677675	0.629323426	0.285466881	
	0.347552073	0.902013468	1	2.065703691	2.944771427	1.395504021	
	1.740653481	3.479087486	1	0.9712176	1.781799636	1.405349807	
	3.101217188	1.877003961					
YJL190C	YJL190C::RPS22A::Homology to rat S15a	1			1.658242486		
	1.680641659	0.959606647	1.768316586	1	1.432220077	1.213336921	
	1.732562403	1.305833633	1	1.118581807	1.114748547	1.019818196	
	0.945202948	1	0.603291989	0.212564955	0.138533651	0.499466285	1
	0.896529847	0.71660661	0.3263899	0.526582149	1	1.165671064	
	1.079062425	0.666687576	1.086013767	1.023183591	1	1.294252757	
	1.804358558	0.975911674	0.580473627	1.445330609	1	1.047251863	
	1.126843972	0.962749424	1.872294661	1.163257738	2.006930256		
YJL192C	YJL192C::YJL192C::molecular_function unknown						0.919771363
	0.952051877	0.837491368	1.242311713		0.881409966	0.827081669	
	1.049384154	1.027152549		0.69926654	0.841942736	0.980426858	
	0.997589843	1	0.887849906	0.597542386	0.612053538	0.964236731	1
	1.198364576	0.802368429	1.231444007	1.158951649	1	1.078405676	
	1.298894291	1.062885673	1.059506916	1.170798429	1	1.140908823	
	1.353982836	1.264194531	1.113295817	1.058723668	1	0.910670296	
	0.925425082	0.875693496	1.083265383	0.788934944	1.784521806		
YJL206CA	YJL206CA	1	1.525561541	1.69248303	1.503580718	1.772992799	1
	1.424802287	1.531644509	1.534538254	1.696947633	1	1.332589858	
	1.27268979	1.687644974	1.451905352	1	1.103494761	0.638650543	
	1.058434743	1.055489733	1	0.866286891	1.607742853	1.128057397	
	0.656521576	1	1.149052056	1.017927028	0.657282663	1.094315965	
	1.019726304	1	0.98465358	1.354640431	0.875438009	0.7407954	
	1.152211313	1	1.051770688		0.998405241	1.993795805	
YJL208C	YJL208C::NUC1::mitochondrial nuclease	1				1.369429873	
	1.147892782	1.294197648	1.691605685	1	1.268526659	1.185462429	
	1.284660591	1.5632481	1	0.843227165	0.626632473	0.788457004	
	1.373450782	1	0.551374576	0.379494439	0.477674694	0.772611862	1
	0.450552433	0.644393152	0.521622865	0.855880537	1	0.996295664	
	0.823155618	0.873768638	1.094993195	1.057303436	1	0.977072254	
	0.883567635	0.878773985	0.984362211	0.81307017	1	0.756656008	
	0.660967366	0.767209565	1.014386671	0.664222228	1.96840267		
YJL210W	YJL210W::PEX2::Required for peroxisome biogenesis						1
	1.38832097	1.439104339	1.044858955	0.952365598	1	1.171832526	
	1.197681973	1.095463672	1.272830898	1	1.457879185	1.430875587	
	1.473803756	1.005699193		0.650570485	0.6832003	0.468976946	1
	2.40961386	2.269225956	1.891656518	1.819702355	1	0.913713923	
	1.083113807	1.201415505	1.183416816	1.025033257	1	1.141078458	
	1.063469227	1.14198227	0.872413385	0.996466913		1.245358446	
	1.092793179	0.995769888	1.191571773	1.06113897	0.80732532		
YJL212C	"YJL212C::OPT1::Oligopeptide transporter; Opt1p transports tetra- and pentapeptides, including the endogenous opioid pentapeptide leucine enkephalin."	1	1.404465013	0.943974086	0.912734854	0.535396515	1
	1.27302044	1.138070464	0.586149941	0.587197363	1	2.409318468	
	2.391999686	0.760165857	1.026712192	1	1.204742414	0.519483174	
	0.652306311	0.295021514	1	1.034735662	0.479532615	0.347538745	
	0.270113794	1	1.020358414	1.229051343		1.039721931	1

	1.392906385	0.775056279	0.845239543	1.009890598	0.642208331	1
	1.257149035	0.750109767	0.830192947	0.860907364	0.562421101	0.648837381
YJL214W	YJL214W::HXT8::High-affinity hexose transporter	1	1.497490775			
	1.242975643	1.811668987	1.234423846	1	1.590679801	1.669442444
	1.266516467	1.387627395	1	1.466289173	1.181964629	1.065873719
	1.500314181	1.353489765	0.726157868		0.527367662	
	1	1.046457003	0.909440629	1.041903878	1.212498207	1.024732188
	0.945855435	0.631800937	0.62591591	0.736717032	1.335151385	1
	1.002210001	0.658333785	0.904785504	1.06334429	0.949197836	0.913275817
YJL216C	YJL216C::YJL216C::alpha-glucosidase		1.047825251	0.840447656		
	1.405509488	0.916314974	1.142927239	1.320255188	1.025534505	
	1.216723524	0.825857923	0.872616512	0.841367553	0.932976526	1
	1.280660154	2.017734679	1.011050659		0.356235095	
	0.141750412	1	0.887177632	0.837693218	1.02880014	0.903193254
	1.012277911	1	0.724560784	0.800310195	0.768587875	0.744192822
	0.908754435	1	0.843921564	0.81318736	0.986754858	1.067936649
	0.839686271	0.718887286				
YJR006W	YJR006W::HYS2::Putative role in DNA replication	1	0.850899791			
	1.029655212	1.001305913	1.027012507	1	1.134182699	0.993095254
	0.905473894	0.887167966	1	0.916487519	0.94719141	0.775028893
	1.034550562	1	1.289070209	0.846796527	0.996125086	1.031515687
	1.684998175	1.45782815	0.961988682	1.527464082	1	1.019446101
	1.194630452	1.268966189	1.078995748	1.205369896	1	1.021779749
	1.07935847	1.175622819	0.91953364	0.804482881	1	1.232058865
	0.898863146	0.982168465	0.998663636	0.9406909	0.87825089	
YDL188C	YDL188C::PPH22::serine-threonine protein phosphatase 2A		1			
	0.761087632	0.74200253	0.867718456	0.637852119	1	0.850861955
	0.858631221	0.769050854	0.748244759	1	0.741799377	0.872736313
	0.812919759	0.817525868	1	0.911396727	1.193210377	1.90105275
	1.005767136	1.045102363	1.18983408	1.110086152	1	0.963615699
	0.950697347	1.193430064	1.048718134	0.834284668	1	0.911357499
	0.898739815	0.873325484	0.757150573	1.020617045	1	1.193737176
	0.961125747	1.072542267	1.044480822	1.123564275	0.864240878	
YDL190C	YDL190C::UFD2::Ubiquitin fusion degradation protein		1			
	2.372946834	2.16711711	1.912581388	1	1.954226679	2.170094793
	2.013009507	1.912474825	1	2.418608032	2.344833044	2.635789569
					1	0.829947945
	0.963944446	0.95032563	0.992737936	0.895568273	1	1.01971238
	1.103261951	0.804965546	0.9283811	1.019819589	1	0.869127442
	0.806051515	0.867943953	0.895601735	0.761885504	0.891385238	
YDL192W	YDL192W::ARF1::implicated in signal transduction and intracellular protein transport to or within the Golgi apparatus		1	0.933129829		
	0.919246066	0.8026224	1.370803261	1	0.858934287	0.853882749
	1.233581054	1.233151669	1	0.799195695	0.925668968	0.898652213
	0.952472515	1	0.889061869	0.712160301	0.807520927	1.265314577
	1.856896107	1.676935833	1.973252079	1.454934096	1	1.128166756
	1.31204509	0.95929904	1.046458372	0.923971389	1	1.240358335
	1.765553732	1.167255375	0.865592551	1.661603088	1	1.492247057
	1.778531294	1.079750619	1.84230632	1.593767942	1.377356512	
YDL206w	YDL206w::YDL206W::molecular_function unknown		1	0.997036453		
	0.936192405	1.122918091	0.815124552	1	1.009161062	1.108870208
	0.865320766	0.754658389	1	1.183187424	1.134846418	0.930820028
	0.99953889	1	1.787779215	2.014405521	1.175813571	1
	2.130347501	2.930454552	2.244411499	2.030316032	1	1.202893877
	1.643304768	1.293482281	1.295584073	1.073925805	1	1.115157941
	1.034634159	1.288102597	0.920397909	0.946809625	1	1.427471257
	1.186004141	1.207761006	1.010097371	1.471684964	0.829215951	

YDL208W YDL208W::NHP2::HMG-like nuclear protein 1 0.825135315
0.90042854 0.77626876 1.460294159 1 0.77516781 0.706415661
1.041233209 1.255637322 1 0.647516781 0.560935936 0.473242351
1.080847375 1 0.182890111 0.177794762 0.548550854 1
1.165788803 0.640376039 0.602159159 1 0.761229296 0.652283757
0.491573886 0.637287593 0.78304678 1 0.809234183 0.997475579
0.621351692 0.961362197 1.883637035 1 0.933073546 0.975657865
1.014880509 1.690312624 0.835683267 1.136559933
YDL210W YDL210W::UGA4::GABA-specific transport protein 1 1.687605571
1.562538431 1.322508055 1 1.444448017 1.318473768 1.615753495
1.75639555 1 1.224293704 1.43263629 1.459608241 1
1.001019786 0.152505874 0.289177647 1
0.821189175 0.943057463 1.070269414 1.097455298 0.932109556 1
1.180281607 1 0.849472668
0.906270811
YDL212W YDL212W::SHR3::Protein required for appearance of amino acid
permeases on the cell surface 1 1.452564334 0.976645606 0.967024138
1.415489664 1 0.994425152 0.931729075 1.171978151 1
1.101376237 0.824929451 2.708729566 1 0.76138982 0.838390065
0.397285595 0.596607003 1 1.191337772 0.758839905 0.66465721
0.740957367 1 1.397912554 1.06339059 1.13440464 1.391261875
1.442423337 1 1.075566021 1.087222303 0.789511101 0.730981798
1.207388724 1 0.751703018 0.843766536 0.479797451 0.97065022
0.59007276 0.790688469
YDL214c YDL214c::PRR2 1 1.660625808 1.629052574 1.851395773
1.503117989 1 1.888855816 2.04918305 1.580483142 1.548697117 1
1.451143642 1.697476841 1.168501578 1.717668349 1 2.918054733
1.708377804 1.14349102 1 1.550454244 1.079591122 1
0.680574569 1.090931646 0.865150594 1.619860083 1.127086132 1
0.848025985 1.002454446 1 0.702914314 0.854420626 0.736776135
0.733916069 0.975445103
YDL216c YDL216c::RRI1::Hypothetical ORF 0.827424853 1.069350114
0.981905928 0.991586239 0.975363229 0.882186527
1.230950305 1.460707221 1.229331485 0.869342243 1 0.766098462
0.898513397 1.334124822 0.415607611 0.863265085 0.803252331
0.54574124 1 0.954311613 1.091926888 0.830035867 1.028735076 1
1.091830361 1.149865228 1.808369998 1.048537395 1.240281729 1
1.024235563 1.294010768 1.008190337 0.639028062 1.318227977 0.83184279
YDL230W YDL230W::PTP1::phosphotyrosine-specific protein phosphatase 1
1.038448242 1.253114097 1.155475412 1.267241362 1 1.160125566
1.243151783 1.521349527 1.232969117 1 1.458473159 1.554241055
0.9088787 1.389042612 1 1.154676829 0.585154069 1.397826171
1.358225887 1 1.881580836 2.574526332 2.343085938 1.526804371 1
1.10175345 1.164833961 1.032792273 1.046696298 1 1.404558781
1.35347364 1.964628458 1.309066281 0.867009206 1 1.223974046
0.904285199 0.876839965 0.713339501 0.972149951 1.230251695
YJR008W YJR008W::YJR008W::molecular_function unknown 1 1.212097695
1.37833899 1.316577488 1.519957429 1 1.342706398 1.521890326
1.224510617 1.274001095 1 1.264424704 1.794280055 2.367905787
1.317591465 1 2.380821795 2.516305623 2.555216127 2.153161318 1
2.617576683 2.050690096 2.9393529 1.907098327 1 1.201898673
1.660915323 1.591696648 1.270817645 1.289599903 1 0.806397213
1.110444268 1.265093857 1.003122176 1.096629541 0.95447181
1.161271137 1.030178683 1.176156888 1.263484747 1.073514981
YJR010CA YJR010CA::SPC1::Homolog of the SPC12 subunit of mammalian signal
peptidase complex. Protein is important for efficient signal peptidase activity.
1 1.420635022 1.560415071 1.414362914 1.491704896 1 1.373898197

1.382938263 1.652740159 1.520157572 1 1.248228977 1.580670026
1.421586469 1 0.55803514 0.50442267 0.505065362 1
0.877715259 1.094900149 1.186277032 0.518925872 1 0.984171257
1.142680607 0.890593328 1.321988639 1.216571176 1 0.700112196
0.563235744 0.614564589 0.653076201 0.431038251 1 0.922176075
0.555797527 0.818354925 0.755367693 0.919507614
YJR011C YJR011C::YJR011C::molecular_function unknown 1 1.143361918
1.308806889 0.92103335 1.429900578 1 0.900739453 0.925152425
1.217336994 1.119415798 1 1.061586278 1.209822558 1.23193002
1.02672592 1 1.279414562 0.717647145 0.910283838 1.436742071 1
1.626178609 1.749024148 1.678994206 1.150919414 1 1.157558604
1.160398349 0.855265273 0.909582964 1.24465745 1 1.389201729
1.663901704 1.378812677 1.142724862 1.365141508 1 1.439172984
1.794148056 0.911537931 2.023694107 1.54970102 3.101460256
YJR013W YJR013W::YJR013W::molecular_function unknown 1 1.779563174
1.517359834 1.591152417 1.449135048 1 1.655523261 1.33599575
1.377771837 1.422354534 1 1.418524151 1.30335108 1.280155472
1.254593673 1 1.349352307 1.208728697 0.754855396 1.299601339 1
0.80980806 1.110446942 0.714231197 0.715310812
0.913320783 0.670767248 1 1.228580296 1.308650379 1.023730188
0.950213786 1.134264278 1 0.97834444 0.820268113 0.564785225
1.112914882 0.474511772 2.640006452
YJR015W YJR015W::YJR015W::molecular_function unknown 1 1.473879933
1.120132618 1.157883375 1.185115575 1 1.341258744 1.159743612
1.053591791 1 1.123222201 1.1633902 0.795733272 1.01046428 1
0.97475234 0.68334372 0.74623308 0.690773736 1 0.659514092
0.490083378 0.575375178 0.586765497 1 1.285838108 1.1889163
1.21444546 1.150362039 1.114713394 1 0.985915321 0.809640944
0.958418572 0.700389413 0.419255275 1 0.998214919 0.865003169
0.865549881 0.834426067 0.597680526 0.784559128
YJR029W YJR029W::YJR029W::molecular_function unknown 1 0.985232071
0.919630496 1.254022368 0.83201296 1 1.154956981 1.128696257
0.925999094 0.807742885 1 1.291082331 1.252477459 0.646676661
1.143928587 1 0.920744125 1.166367184 0.816023561 0.530219728 1
0.408624221 0.44290564 0.458022628 0.633384678 1.115011995
0.801188501 0.276892859 1
1.061319032 0.926958404
YJR029W YJR029W::YJR029W::molecular_function unknown
1 1.012295425
0.888876638 1.269694501 1.36393225 0.941549327 1 0.853170183
1.154364542 2.420942465 4.802376269 1.619248764 1 1.039784598
1.767863613 1.637933121 1.33064939 0.768948483 0.801195979
YJR031C YJR031C::GEA1::component of a complex guanine nucleotide exchange
activity for the ADP-ribosylation factor ARF 1 1.716523172 1.258423074
1.362411033 1.123576635 1 1.577109929 1.310196391 0.95185052
1.134918023 1 1.616056698 1.092690179 1.029045526 1.068673356 1
0.91659361 0.605796212 0.667596981 0.47561653 1
0.478730444 1 1.026486468 0.86670852 1.30541917 1.361192696
0.902144119 1 1.00310813 0.903925439 0.956410645 1.384657915
0.8059167 1 0.743693283 0.629444395 0.677354401 0.798314352
0.650254443 1.595386951
YJR033C YJR033C::RAV1::Regulator of (H⁺)-ATPase in vacuolar membrane
1.077376125 1.262386776 0.796880776 1.197410019 1.180760702
0.898336405 0.686420429 1.007908382 1.057717 0.708151003
1.059266115 1 1.256186916 1.0019144 1
1 0.875018547 0.872941535 0.92109695 0.974991972 1.006197912 1

	1.103639385	1.276509848	0.813085926	1.11234702	1.24171956		
	0.924928676	0.88837273		0.718798121	0.950052073		
YJR035W	YJR035W::RAD26::May be involved in transcription-coupled DNA repair						
	1	1.469292018	1.30325439	1.731648984	1.468231451	1	1.614498507
	1.491544307		1	1.375784927		1.661369729	
				0.842021681		1	0.763896909
	0.842023672	1.006598562	0.945697785	0.921739311	1	0.959678143	
	0.924091565	1.027641519		1	0.864464082	0.816688665	
	0.940175793	0.62436837	1.203107335				
YJR037W	YJR037W::YJR037W::molecular_function unknown 1						
	1			1	2.150703644		1
	0.911825724	1.476431002	1.626721252	1	0.922878482		
	0.508143613	1	1.033965326	1.336000685	1.264593005	0.557539278	1
	1.492179478	1.203590503		1	0.84967511	0.434227974	
	0.339310843	1.239014671					
YDL232W	YDL232W::OST4::May be subunit or accessory component of						
oligosaccharyltransferase	1	1.395736623	1.523174687	1.140205774			
	2.050736462	1	1.114024144	1.151309126	1.50049376	1	
	1.496268239	1.240790329	1.320943651	1.162365634	0.638471166		
	2.478974029	0.296950049	0.457974573	1	1.921489825	2.264712424	
	2.147808296	1.719219289	1	0.964275138	0.945482668	0.633349843	
	0.786392822	1.073777951	1	0.916938078	1.636055549	1.152519413	
	0.940403068	2.203386724	1	0.728957544	1.379566207	0.841068202	
	1.496097963	1.359600399	1.752123561				
YDL234C	YDL234C::GYP7::GTPase-activating protein 1 0.627763724						
	0.762378012	0.931956099	0.724810511	1	0.730002874	0.811598508	
	0.705882524	0.71776835	1	0.989729774	1.033991923	0.560384054	1
	1.359359918	1.214576748	1.230010843	1	2.422766171	2.104713166	
	2.212991326	2.083408743	1	1.174771017	1.400004998	1.377224791	
	1.032774907	1.271133759	1	1.458438421	1.074102798	1.913471812	
	1.247612618	0.867268493	1	1.121054689	1.063872085	1.029870167	
	0.578156742	1.180078983	0.625195524				
YDL236W	YDL236W::PHO13::p-nitrophenyl phosphatase 1 0.994217468						
	0.842688553	0.78597631	0.769529704	1	0.810196251	0.796493786	
	1.006585459	1	0.819686695	0.84187778	0.876243308	0.831592515	1
	1.290494823	0.784750998	0.815536005	1.19871895	1	1.771062525	
	1.138167593	1.070396518	1.272309875	1	1.132519046	1.056175658	
	0.712995158	1.006209879	1.100864043	1	0.87969293	0.889772231	
	0.664720145	0.604578529	0.63858629	1	1.386563248	1.500686914	
	0.934976142	1.48715783	1.290881038	4.343095073			
YAL034C	YAL034C::FUN19::Function unknown now 1 1.2401837						
	1.095466316	1.120196159	0.882582012	1	1.212947911	1.234243903	
	0.913937238	1	1.362560772	1.278659644	1.304287774	1.034626833	1
	1.203695433	0.962644008		1	0.825433779	0.800142357	
	0.854286958	1.102378422	1	1.429245345	1.361193182	1.448401652	
	1.573681768	1.239060519	1	1.041743489	0.871365013	1.489441169	
	1.013141416	1.146849583	1	0.713303664	0.909047042	0.822894938	
	1.194044451	0.922379695	1.101535006				
YDL238c	YDL238c::YDL238C::molecular_function unknown 1 0.956469347						
	0.909384111	2.242821561	0.610235305	1	1.586680926	1.458841027	
	1.608622029	1	1.162488902	1.428273759	1.994273803	1	
	0.63853275	1.290942939	1.527206836	0.561343144	1	0.674634467	
	0.543331995	0.269352393	0.25155233	1	1.23504823	1.371929403	
	1.608722265	2.275646387	2.477004239	1	0.753958897	0.280284939	
	0.490727035	0.816240578	0.27940042	1	0.52455388	0.463042674	
	0.555508723	0.315610267	0.496945329	0.324856497			

YAL048C YAL048C::YAL048C::molecular_function unknown 1 1.069022405
 0.992308872 1.71027557 0.766085548 1 1.304162668 1.222164158
 1.17805453 0.838845409 1 1.337721796 1.277479179 0.581147955
 1.346046928 1 0.878982422 1.339730395 1.083004446 0.400248257 1
 0.471275447 0.276427495 0.224892269 0.388855909 1 0.974621912
 0.814766841 1.121072791 1.153858012 0.87785395 1 0.88641816
 0.678328063 1.361499796 1.75996088 0.78013463 1 0.864557833
 1.043786755 1.306628276 0.750153539 0.904364257 0.50611068
 YDL240W YDL240W::LRG1::Expressed most highly in sporulating cells; may also
 play a role during mating 1 0.769006653 0.635900122 0.920303934
 0.683468588 1 0.801127676 0.915902901 0.598994065 1
 0.776590734 0.652746772 0.358210375 0.844768535 1 0.772624912
 0.430846365 0.381699758 1 0.890961449 0.826286237 0.64382099 1
 0.804688227 0.676614937 0.828091882 1.044091578 0.909153228 1
 0.862082084 0.618195377 0.84556081 0.845513863 0.531616865 1
 0.588918919 0.672380566 0.709492033 0.399468361 0.640929353 0.607683061
 YAL059W YAL059W::ECM1::putative transmembrane domain protein involved in
 cell wall biogenesis 1 1.003482038 0.814962139 0.872814276 1.250551657 1
 0.757685808 0.722009888 1.16212617 1.2702272 1 0.511445106
 0.519438203 0.569409488 1.072858628 1 0.391071763 0.372344616
 0.380175503 0.724724922 1 0.625493108 0.479911939 0.310919861
 0.470132626 0.938116572 0.93562055
 1.088970566 0.905467365 1.568208881 1 0.725307847
 0.67674048 1.149266316 0.695017917 0.926410164
 YDR006C YDR006C::SOK1::gene dosage suppressors of the conditional growth
 defect of several temperature-sensitive A kinase mutants 1 0.738266669
 0.741228204 0.870292054 0.652691619 1 0.882085233 0.888045122
 0.722494331 0.698052102 1 0.949296997 0.856762789 0.561409199
 0.908913755 1 0.753215698 0.906363349 1.089449941 0.541221627 1
 1.291047282 0.959085603 0.862079002 0.576083801 1 1.016878199
 0.656071314 0.746887267 0.492319051 0.658411076
 0.722090661 1 0.862303599 1.137533137 0.351309333
 0.496478783
 YAL061W YAL061W::YAL061W::molecular_function unknown 1 1.394155143
 1.58848647 1.649416235 0.946367758 1 1.65639172 2.209948572
 1.161191243 1.092079348 1 2.149488451 3.198387314 5.001343525
 1.53419493 1 4.13261901 5.548657894 8.338157575 4.10504735 1
 1.898664944 1.958818466 3.484885268
 1.310456045 0.602034893
 0.964489187 2.889309729 0.809076598
 YDR008C YDR008C::YDR008C::molecular_function unknown 1 1.092492374
 1.12561302 0.853452615 1.289370986 1 0.784188539 0.757704172
 1.25300075 1 1.100210081 1.05691292 1.982238423 1.131463827 1
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 0.612029259 0.67274647 0.834147523 1 0.942309948 1.308432174
 0.947940688 0.712411324 1.634847861 1 1.131773156 1.593262129
 0.907440928 1.688919474 1.384149782 1.656680573
 YAR014C YAR014C::BUD14 1 1.136344434 1.160026021 1.286902754
 0.799234338 1 1.191601682 1.140103098 0.980530693 0.996885891 1
 1.186586185 1.178671174 0.757938494 1.474243621 1 1.291927633
 1.015425051 0.759969145 1 0.91613699 0.558582792 0.729985936 1
 0.893094024 0.888286471 1.047051598 1.233603405 1.137580028 1
 0.990476423 0.936093538 0.599401927 0.880195275 0.972185852 1
 0.843303814 0.94513379 0.954194374 1.165045686 0.932297409 0.941295842
 YDR010c YDR010c::YDR010C::molecular_function unknown 1 0.916182255
 0.743725982 1.015601359 0.770691017 1 0.902020709 0.910046371

	0.943627316	1.010298269	1	1.18895902	0.969646538	1.228063078	
	1.04628732	1	0.62575844	0.851393007	1.023248608	1	
	1.28799621	2.136635068	1.812713827	0.734196746	1	1.180667789	
	1.088847727	1.096857462	1.105696236	1.147133292	1	1.037851225	
	1.076521918	1.124747261	1.103651473	0.951806515	1	0.950714757	
	1.245022608	1.345543415	1.09305064	0.921156488			
YAR018C	YAR018C::KIN3::protein kinase	1		0.824670895	0.8785017		
	0.787134571	0.761702026	1	0.899467775	0.861917518	0.967983435	
	0.882823631	1	1.152245529	1.318364797	1.030228301	0.79798983	1
	0.94866337	0.703857088	0.561104185	0.47011372	1	1.779173246	
	2.274413806	1.057394839	0.879588699		0.851380697	1.066744795	
	0.822405375	0.923016381	1.266898529			0.613612723	
	1.126925006	2.905461045	1	0.742933729	0.85775879	0.952297426	
	0.98320737	2.225532317	1.221495463				
YDR012W	YDR012W::RPL4B::Highly similar to ribosomal protein L4A						1
	1.240484764	0.722686555	0.7544079	0.642598498	1	0.902903919	
	0.870123555	0.593796839	0.713926388	1	1.152718658	0.692056491	
	0.511367033	0.807913613	1	0.746650274	0.32650837	0.598308731	1
	0.92569843	0.410519367	0.277265459	0.676697332	1	1.160106714	
	0.707230547	1.150783418	1.500525133	1.084704641	1	0.931076999	
	0.52996804	0.574612041	0.491816565	0.50363234	1	0.96583536	
	0.488807268	0.671459022	0.488289772	0.435649637	0.46495636		
YAR020C	"YAR020C::PAU7::similar to Pau3, member of Pau1 family"						1
	1.397004003	1.559077683	1.242745054	1.321821774	1	1.18094264	
	1.22077868	1.489884672	1.326888561	1	1.261465457	1.316407197	
	1.728329043	1.422439512	1	0.564254263	0.535056111	0.60419303	
		1.211542	1	1.012355939	0.987382033	0.893529398	
	0.808595776	0.960499229	1	1.185465843	1.153687534	1.102960751	
	1.418543598	0.794256925	1.132738704	0.978044182	0.941850392		
	1.085843941	1.267903512					
YDR014w	YDR014w::RAD61::Affects radiation sensitivity						1 0.789028227
	0.77531564	1.047639395	0.867834306	1	0.966070456	1.044809462	
	0.874300577	0.768032538	1	0.929860892	0.86210755	1.217275152	
	0.893020686	1	0.396317047	0.366868328	0.473553292	0.508619858	1
	0.969984933	1.44344123	1.160123113	1.476320364	1	0.835266718	
	0.894064984	0.630391596	0.763416257	0.90293548	1	0.951031188	
	1.307197125	1.80867521	1.284115022	1.038178366	1	0.771302667	
	0.806797774	0.921894819	0.442159916				
YAR027W	YAR027W::UIP3::Ulp1 Interacting Protein 3						1 1.309178957
	1.154815637	1.249700297	1.153737263	1	1.163448214	1.337142938	
	1.173713256	1.100781454	1	1.256918811	1.441059187	1.631430442	
	1.402263059	1.196900788	1.128148415	1.311529395	1.065856692	1	
	1.24355278	1.061159983	1.145099015	1.214145931	1	1.240129113	
	1.737786651	1.555904795	1.223703955	1.295859636	1	1.113152165	
	1.194175863	1.595066964	0.90526204	1.215445914	1	1.34740128	
	1.425976084	1.118213212	1.360675367	1.405902835	1.389615299		
YAR029W	YAR029W::YAR029W::molecular_function unknown						1 1.317849608
	1.227953322	1.017092862	1.276591485	1	0.943689703	1.309042622	
	1.233994437	1	1.139898774	1.02673504	1.176234679	1.162215991	1
	0.859316476	0.843989582			0.537845168		
	0.696852864	1	0.938186576	0.91863303	0.959529463	1.021140791	
	1.091070866	1	1.050129059		1.007630969	1	
	0.989595484		1.53315152	1.154948061			
YAR031W	YAR031W::PRM9::pheromone-regulated membrane protein						1
	1.513685597	1.50622815	1.336982107	1.402583884	1	1.403253473	
	1.383888002	1.38868808	1	1.270147974	1.538049507	2.108412386	
	1.571764285	1	1.541587755	1.543245654	1.565847774	1.460938782	1

1.456121875 1.700353498 1 1.080190836 1.028645192
0.954101298 1.085653905 1.076568953 1 0.874951566 1.13871215
0.956261813 0.984017838 1.493567515 1 1.09866779 1.147049634
1.072761211 0.956517611 1.295364324 1.223246689
YDR016c YDR016c::DAD1::Duo1 And Dam1 interacting; localized to intranuclear
spindles and spindle pole bodies 1 1.271074088 1.456162119 1.349155132
2.045814476 1 1.172749599 1.063927694 2.162714196 1.762864612 1
1.117302417 1.570485955 3.695353585 2.163981138 0.578905332
1.2597863 0.401312934 0.855662762 1.129401179
0.531608518 1 1.164615249 1.40885344 1.003427574 0.981342282
1.414721468 1 1.07064769 1.917971946 2.045995934 1.823773695
2.456230791 1 0.944789857 1.612578445 1.109486678 1.543438135
1.63622211 1.581376939
YDR030c "YDR030c::RAD28::Protein involved in the same pathway as Rad26p, has
beta-transducin (WD-40) repeats" 1 1.329594835 1.179520141
1.20638796 1 1.192978313 1.328629335 1.355640535 1.623651992 1
1.219858632 1.098427192 1.308797323 1 0.608413309 0.957142884
0.86263449 1 0.745165486 1.411832599 1.185885949 1.305630147
0.839968098 0.665449914 0.490008124 0.84545194 0.723395215 1
1.109249464 1 0.507656485 0.604169182 0.618205728
0.631884989 0.540047704 0.693494204
YDR032c YDR032c::PST2::Protoplasts-Secreted protein; the gene product was
detected among the proteins secreted by regenerating protoplasts 1
1.155904036 1.116218964 1.059810789 1.203858113 1 0.984743439
1.004150226 1.557396 1.696689002 1 1.10064004 1.306167
1.958322021 0.803854393 1 1.115424399 2.271939944 1.820829331
1.872998364 1 2.153141166 2.236576668 3.727303972 2.868639903 1
1.311621644 1.563693933 2.850074503 1.567925802 1.479317588 1
1.385744218 2.166506913 3.679444555 2.230972422 1.284802594 1
1.239028336 1.727491427 1.51489133 0.971711905 1.885123332 1.569993817
YAR062W YAR062W::YAR062W::molecular_function unknown 1 1.058688942
0.804550798 1.096127286 0.700556527 1 1.037696558 0.899298875
0.767964658 0.72493092 1 0.922182715 0.951929077 0.699705504
0.951668372 1
0.968983661 0.802183894 1.2401474 1.306513844 1.089393241 1
0.733091695 0.567155305 0.722471045 0.746294423 0.400735726 1
0.809475713 0.654666572 0.974330437 -0.126928749 1.012227073
0.537633156
YDR034C YDR034C::LYS14::Transcriptional activator of lysine pathway genes
with 2-aminoadipate semialdehyde as co-inducer; saccharopine reductase synthesis
1 0.847409481 0.696683944 0.795921471 0.771713969 1 0.773178752
0.69875321 0.831050413 0.753955452 1 1.119087582 0.770976536
1.166437468 0.775711825 1 1.058933918 0.820923289 1.57700479
1.109022448 1 1.631510056 2.243917671 2.671251377 1.037895908 1
1.086010492 0.960096076 1.061427183 0.97834566 1.209990059 1
1.043724476 0.917793398 0.907360742 0.757210152 0.992839725 1
1.000955118 0.903366548 1.012837155 0.982742824 1.17695241
YAR068W YAR068W::YAR068W::molecular_function unknown 1 0.978236132
0.826453767 1.279908475 0.853070858 1 1.09336966 1.170815781
0.776916258 1.096501292 1 1.057600505 1.022514801 1.103788213 1
1.304294172 1.814185661 1.54493526 1.174643218 1 0.73685
0.690773149 0.586044943 1 1.131646472 1.110755007
0.816355737 1 0.985768517 1.517850721 2.031754745 1.095302691
0.48827258 1 1.541503576 2.491822776 1.939103493 1.080467879
1.479602992 0.784559128
YDR036c YDR036c::YDR036C::molecular_function unknown 1.084763825
1.120596943 1.010295955 1.060597712 1.212613698 0.961935495

1.037064777		1.332223383	1.178296699	1.065732193	0.965283155	1
1.001817548	0.786721	1.210330768	0.933573375	1	1.111520884	
1.005306148	0.949044423	1.0152422	1	1.059050868	1.31198044	
1.064141644		1.15978808	1	1.365801032	0.94401612	
0.692746291	0.61928598	1	0.859662069	0.799688014	0.665347329	
0.517358873	0.578982424	0.58841932				
YAR070C	YAR070C::YAR070C::molecular_function unknown				1	2.058495449
1.938146371	2.113658336	2.299964544	1	2.15518288	1.904557506	
1.856568895	1.93731204	1	1.752174511		1.888047237	1.65632219
		0.552870212		0.351578418		
1.140119754		0.985067874		1.047774867	1	1.021344609
1.01341846	0.810609997	0.721764014	1.016234354		1.145366226	
1.007195796	0.947806098	1.134536642	0.921143898	1.098908116		
YDR038C	YDR038C::ENA5::Na(+) ATPase				1	0.820400691
0.7697081	0.410147255	1	0.856357343	0.782438364	0.540899302	
0.619167862	1		0.618659975	0.3937289	0.840695506	1
0.679402453	0.426474676	0.652824199	0.437752107	1	0.618648924	
0.354977139	0.423062651	0.802724099	1	0.910303048	0.851987288	
1.160022139	1.385916253	1.229200391	1		0.470828598	0.513924352
0.916839608	0.177254881	1	0.508772002	0.426989291	0.777074639	
0.348795006	0.501399019	0.50348379				
YAR073W	YAR073W::IMD1::IMP dehydrogenase homolog				1	1.04366312
0.60063901	0.881116905	0.652028992	1	0.99183321	1.040630342	
0.548224227	1	0.934181258	0.680286756	0.24458777	0.617438612	1
0.640963809	0.444343137	0.226931368	0.386575	1	0.766994599	
0.152688583	0.138548876	0.466052445	1	0.834146748	0.702111057	
0.969659082	1.106830835	0.839422141	1	1.02848301	0.632319244	
0.699283217	0.541750016	0.629137356	1	0.88782053	0.611495014	
0.747906539	0.686330881	0.900586624	0.668976735			
YDR040C	YDR040C::ENA1::Plasma membrane Na+ pump; P-type ATPase				1	
0.875496614	0.561723555	0.94981	0.474243128	1	0.842806468	
0.779505164		0.655705626	1	0.979135574	0.68175289	0.511383665
0.78776449	1	0.765891764	0.622949118	0.7261642	0.641434832	1
0.680860112	0.518497055	0.451055546	0.884537823	1	0.909102323	
0.644545331	1.129818877	1.272002762	1.051196624	1	0.893998534	
0.590112583	0.788683532	0.76855628	0.357503562	1	0.741481686	
0.608110362	0.986726685	0.554326412	0.55083485	0.556896844		
YBL001C	YBL001C::ECM15::ExtraCellular Mutant				1	1.118064461
1.283328521	0.840923529	1.635854197	1	0.824181038	0.863245588	
1.525154712	1.390259921	1	0.75219781	1.01033223	1.285766986	
1.202649717	1		0.712314967	1.210723171	1.393510785	1
1.691542905	2.629963316	2.667939535	1.558931032	1	0.789834656	
0.89466702	0.676748124	0.742668324	0.845619003	1	0.917278335	
1.419377061	1.026362342	1.252341352	1.856739447	1	0.991248849	
1.423536941	1.074429878	1.923455826	1.377279876	1.344082811		
YDR054c	"YDR054c::CDC34::ubiquitin-conjugating enzyme, E2"					
0.95547874	1.102375818	1.190825554	0.959389639		1.153823795	
1.208220226	1.00830975	1.120079485		1.233361538	1.118006912	
0.99561823	1.283454569	1	1.093688092	1.008690972	0.976099602	
1.180493217	1	1.605448581	1.114027309	1.542034608		1
0.95045044	1.125684438	1.31379674	0.975863981	1.223795345	1	
1.23502689	1.001942738	0.73637532	0.887371074	0.755597258	1	
0.758537393	0.922128913	0.765511877	0.676695447	0.598355862	1.034111939	
YBL003C	YBL003C::HTA2::Histone H2A (HTA1 and HTA2 code for nearly identical proteins)				1	1.518305382
1.27530649	1.106381328	1.622027783	1.527848377	1	0.954692967	
1.136133929	0.984369247	1.183924414	1	1.061932398	0.472206473	

	0.335531053	0.604170913	1	1.275769398	0.903444437	1.333068036	1
	0.824900365	0.844843648	0.667539112	1.063369043	0.990762728	1	
	0.431369768	0.763085864	0.538896091	0.746940712	1.107332438	1	
	0.632131173	0.878956071	1.13393375	1.521432855	1.289568971	1.429894006	
YDR056c	YDR056c::YDR056C::molecular_function unknown					1	0.896867771
	0.948351595	0.93113697	1.18037454	1	0.840612552	0.81367802	
	1.362110758	1.378720234	1	0.82461793	1.034902636	1.500736353	
	1.139939323	1	0.733051304	2.258968051	2.032734505	0.767078901	1
	0.631783223	0.486571561	0.440698191	0.404303324	1	1.086552545	
	1.43855223	0.919164391	1.049738722	1.145722911	1	1.061281335	
	1.399133138	1.422628806	1.165453772	1.794023231	1	1.07175575	
	1.107050809	0.929608606	0.958687355	0.936111179	1.073514981		
YBL015W	YBL015W::ACH1::Mannose-containing glycoprotein which binds						
concanavalin A	1	1.30523413	1.26095299	1.115801907	0.640010037	1	
	1.50361803	1.659921754	0.793016358	0.892738448	1	1.257223436	
	1.329418204	1.232021308	0.881158558				
	0.719455172			1.111588188	0.965500672		
	1.15086182	1.043947315	1	0.981582244	0.720337509	0.56969499	
	0.703576234	1.222631163	1	0.95336422	0.741050275	0.772710151	
	1.262916516	0.841474686					
YDR058c	YDR058c::TGL2::Triglyceride Lipase					0.699371039	0.830198291
	0.894516813	1.082739662		0.688904239	0.876508812	1.156011293	
	0.853587461	1.0841599	1.764534649	1.369605659	1	1.345747005	
	1.892963053	1.948475461		0.671724385	0.773807517	0.675110205	1
	1.218468878	1.425929003	1.489861201	1.15352434	1.259158279	1	
	1.004079703	1.523470296	1.649640924	1.294477541	1.313266732	1	
	1.352748839	1.763430401	1.324858621	1.192215645	1.524033969	1.161077402	
YBL017C	YBL017C::PEP1::vacuolar protein sorting receptor for						
carboxypeptidase Y and proteinase A; related to Sortilin						0.95547874	
	0.805144346	0.999622517	0.844850223		1.078758615	0.942060813	
	0.80412786			0.711656726		0.984697499	
	1	0.845361647	1.232632156		1	0.849392958	
	0.639172024	0.737427229	0.724385406	0.867973554	1	0.884809979	
	0.86468347		1	0.658954016	1.123267518	0.463388475	
	0.912756963		3.843989243				
YBL017C	YBL017C::PEP1::vacuolar protein sorting receptor for						
carboxypeptidase Y and proteinase A; related to Sortilin						0.867358349	
	0.896838387	0.964526992	1	2.22859414	1.551509514		
	2.440786791		0.805619674	0.927304916	1.002026077	1.045130179	
	0.81879456	1.346709701					
YBL019W	"YBL019W::APN2::AP endonuclease 2, homolog of human HAP1 and E. coli						
exoIII"	1	1.041235877	0.981750121	0.872074958	0.980190473	1	
	0.908008882	0.950075699	1.116625583	0.943601031	1	0.908847736	
	0.850500545	0.909140295	0.903572391	1	0.869856088	0.566555825	
	0.585354925	0.735316498	1	1.388948997	1.099087402	0.846447145	
	0.964666941	1	0.911659194	1.019597071	1.152071318	1.1903217	
	1.1300169	1	1.010453523	0.923602887	1.152641789	1.255201212	
	1.095110284	1	0.822044305		0.845514276	-0.146234677	
	1.051007867	1.036738829					
YBL021C	YBL021C::HAP3::Regulates respiratory functions; encodes divergent						
overlapping transcripts	1	0.995026177	1.125263901	1.127494471	1.252028395	1	
	0.988513704	1.136367104	1.310789463	1.175544367	1	1.073447704	
	1.220366773	1.338511727	1.248553471	1	1.170453587	0.757640239	
	1.269070613	1	1.59204387	2.26056853	1.800903178	1.18197125	1
	1.169794583	1.031213722	0.900851646	0.928675162	0.87740682	1	

	1.233162583	1.264498982	1.207957693	1.21560269	1.176734018	1
	1.246032868	1.065441291		0.091555618	1.141260632	1.061256299
YMR290C	YMR290C::HAS1::Helicase Associated with SET1					1 1.107389412
	0.839884231	0.964014043	0.869444413	1	0.939031412	0.732098695
	0.830373319	0.900917874	1	0.684611403	0.479762472	0.357070066
	1.109284576	1	0.390346077	0.175522644	0.183936279	0.365366867 1
	0.883427004	0.510707031	0.164579914	0.690021687	1	0.980081155
	0.714814893	0.796978164	1.319111577	0.84274353	1	0.910406898
	0.572468707	0.439619842	0.686889119	0.897668425	1	0.743580167
	0.548260146	0.737053851	0.905260295	0.426689244	0.767922225	
YMR293C	YMR293C::YMR293C::amidase			1	0.904638759	1.237410982
	1.017365234	1	0.956341712	1.074118929		1.245840794 1
	1.013915182	0.886278778	0.932591188	1.080410017	1	0.592701052
	1.083745587	1.026736326	1	1.301991282	2.456296099	1.998775188
	1.115078342	1	1.117810873	1.148956557	1.029450748	1.226867934
	1.045428906	1	0.975475154	0.775975619	0.911196141	0.805592961
	0.930240468	1	1.224406319	0.941220022	1.163272899	0.904770934
	1.232094402					
YMR309C	"YMR309C::NIP1::Protein required for nuclear import with some similarity to Nsr1p, another protein involved in nuclear transport"					1
	0.790957091	0.540290876	0.886880604	0.703881093	1	0.796303539
	0.785699796	0.674092915	0.614414287	1	0.55868744	0.452540312
	0.257146163	0.696094408	1	0.483831245		0.580255948 0.381572856 1
	0.472960957		0.531509545	0.715396673	1	0.72539464 0.735709735
	0.838651175	1.085554943	0.706710868	1	0.688817666	0.54838693
	0.512046196	0.535139351	0.470710814	1	0.805392943	0.676333237
	0.986702927	0.848058926	0.772733268	0.698747933		
YDR060w	YDR060w::MAK21::essential for 60s ribosome biogenesis; involved in nuclear export of pre-ribosomes					1 0.718500371 0.585230509 0.936913249
	0.781540425	1	0.726917499	0.657854851		0.706666735 1
	0.557697563	0.360559609	0.312680469	0.911456947	1	0.464282749
	0.37296795	0.323140046	1	0.446217829		0.505376915
	0.886759808	0.531071397	0.787043938	0.830908629	1.08796343	1
	1.150089127	0.908136226	0.850666803	1.306122663	1.284915086	
	0.751078451	0.897345879	1.125063585	0.610430037	0.656447415	1.296799097
YMR311C	YMR311C::GLC8::Homolog of mammalian protein phosphatase inhibitor 2.					1 0.627413102 1.239379468 0.911126612 1.181525079 1 0.788456245
	0.821441872	1.475447035	1.100792016	1	0.957258826	1.4055011
	2.032753616	1.148220693	1	1.617247452	1.537382022	1.530957857
	1.42173648	1	2.223783722	2.487030511	2.759415849	1.535663484 1
	0.972722852	1.425230188	0.700709889	0.428834793	0.889857826	1
	1.597316811	2.564264846	2.240634801	2.15120259	2.761010288	1
	2.271992238	2.09376679	2.007728211	1.787687907	2.813324988	1.58925761
YDR062W	"YDR062W::LCB2::Serine palmitoyltransferase catalyses the committed step in sphingolipid synthesis, the condensation of serine with palmitoyl-CoA to form 3-ketosphinganine."					1 0.91537156 0.623409603 0.972713298
	0.720146728	1	0.924669636	0.862884302	0.67565293	0.701486961 1
	0.962203219	0.746687825	0.494599521	0.829485365	1	0.691007039
	0.487508316	0.701749092		1	0.766100487	0.399830881 0.434146366
	0.74174682	1	0.964760088	0.918181063	1.1991452	1.446940378
	0.990983255	1	0.755535856	0.568614112	0.793362073	0.666206315
	0.328611556	1	0.819469761	0.652994726	0.831132791	0.54610104
	0.768750794	0.572658082				
YMR313C	YMR313C::YMR313C::molecular_function unknown					1 1.45455044
	1.536943545	1.547442756	1.477538676	1	1.575784557	1.37487102
	1.465130215	1.37859426	1	1.581572712	1.512848807	1.444663827
	1.615408077			0.731616088	0.702777758	1

	1	0.953414592	0.845610741	0.924121371	1.002116868	1.05319131	1
	0.875002086	0.843238085	0.767683492	0.699003344	1	1.141676092	
	0.957133391	1.031976412		1.036793097	1.267027951		
YMR313C		YMR313C::YMR313C::molecular_function unknown					
					1	0.913978908	
	0.606145765	0.433310245	0.75774621	0.655448758			
		1.112414173		1.196196275			
YDR064W		YDR064W::RPS13::Homology to rat S13 1 0.814228834 0.756405547					
	0.648004483	0.934621248	1	0.751146246	0.670221993	0.719517309	
	0.762372055	1	0.668786242	0.618387891	0.676371658	0.5880803	1
	0.921673751	0.496657788	0.373641232	0.370586138	1	1.459856218	
	0.913457822		0.837429586	1	1.091522506	1.006168403	
	1.195268286	1.075119751	1	1.229977053	1.500013415	0.981695723	
	0.715863671	1.396531253	1	0.925260886	0.991176452	0.764777367	
	0.870836178	0.868938976	1.025355707				
YMR315W		YMR315W::YMR315W::molecular_function unknown 1 1.047515604					
	1.223115511	1.31569594	1.231069893	1	1.056435995	1.292440109	
	1.654283146	1.519938392	1	1.297969259	1.760342458	2.691568116	
	1.29641836	1	2.362374693	2.816475684	4.602509769	3.490830235	1
	1.692954108	1.867363685	3.948405909	2.92734024	1	1.145212636	
	1.416301065	1.880939692	1.03385047	0.949816025	1	1.171265718	
	1.454947664	2.156056556	1.701590112	0.975384259	1	1.328935214	
	1.510761252	1.417925672	0.842424737	1.877473037	1.345834036		
YBL023C		YBL023C::MCM2::Member of complex that acts at ARS's to initiate replication 1 1.006185956 1.016739143 1.220578411 1 1.116381202					
	1.152115473	1.134463668	0.994375584	1	0.894051375	1.128812165	
	0.880817317	1.038822172		1.264843014	0.618645937		1
		1	0.877008288	0.982109157	0.992003245	1.030118518	
	0.950912086	1	1.062504733	0.804846983	0.988139799	0.950906446	
	0.981935156	1	0.658426973	0.875968542	0.978357623	0.733434002	
	0.884951444	0.956181415					
YDR078c		YDR078c::SHU2::Suppressor of hydroxy-urea sensitivity 1					
	1.351581586	1.035924544	1.346887364	1	1.051292497	1.081486963	
	1.474460097	1.336232948	1	1.054834588	1.332214005	2.390759014	
	1.324919204	1	1.172140855	1.569566401	1	1.737887913	
	2.918643345	2.530916702	1.765787886		0.95865921	1.007839121	
	0.858777124	0.82218263	1.013327463	1	0.875948864	1.040631038	
	1.210296879	1.595959445	1	0.705572318	1.210052201	1.256349024	
	0.560058326	1.411274225	1.01484825				
YMR317W		YMR317W::YMR317W::molecular_function unknown 1					
	1.126585455	1.443204155	0.993748851	1	1.449483178	1.262275195	
	1.206409659	1.228766085	1	1.115543088	1.285819998	1.006479738	
	1.329843798	1	1.047579753	1.608453185	1.21184364	0.627387128	
	1.424940381	1.023170409	0.798406153	0.742512553	1	0.870360015	
	0.758368984	0.797512369	0.809541635	0.726730169	1	1.05797833	
	1.162067251	0.90781386	0.683977302	0.92105448	1	0.820042611	
	1.111272661	0.8561411	1.370618814	0.899860351	1.06651008		
YBL025W		YBL025W::RRN10::subunit of UAF (upstream activation factor); involved in promoting high level transcription of rDNA 1 0.958383271					
	1.081699867	0.998914885	1.060552307	1	0.942380989	0.98464205	
	1.059881928	1.132351174	1	0.945842533	1.121968123	1.214351626	1
		1.083957594	1.072075486	1.039298546	1	1.080023956	1.369363983
	1.029061411	1	0.978247167	0.985262842	0.969300641	1.107454021	
	0.883215316		0.944525281	1.146322921	1.099915433	1	
	1.278219754	1.487896607	0.730282149	1.304936534	0.840599021		

YDR080w YDR080w::VPS41::vacuolar protein sorting 0.981335728
0.928136667 0.785133124 0.966160917 0.945706904 0.752588665
0.750849764 0.880111383 0.839030382 0.994652856
1 0.69507491 0.645008092 1 1.14884914
1.055904576 1.00718727 1.105724409 1 1.183218541
0.914350562 0.652937267 1 0.968588905 1.317062448 0.738005099
1.051518745 0.912309412 1.166331183
YDR080w YDR080w::VPS41::vacuolar protein sorting
1 0.90315391
0.974683934 1.158001947 1 1.020230927 0.913813689
1.047112605 1.178709629 1 1.161146578 0.779255626 1.461147044
2.5769615
YNL006W YNL006W::LST8::Required for amino acid permease transport from the
Golgi to the cell surface 1 1.112607035 1.013300105 1.162442589
1.142996357 1 1.047979945 1.074799713 1.085788894 1.112459796 1
0.990765219 1.219090482 1.027647681 1.030184568 1 1.344313587
1.256347131 1.704993147 1.510140858 1 1.457345238 1.010138723
0.766580917 1.259320431 1 1.53841379 1.405201914 1.301332756
1.17726566 1.144211329 1 1.332306061 0.948956954 0.930452685
0.749964667 0.776726173 1 1.436578615 1.015519219 1.081332782
1.020923714 1.18202003 1.056002518
YBL039C YBL039C::URA7::Last step in pyrimidine biosynthesis pathway; URA7 is
very similar to URA8 CTP synthase 1 1.428162426 0.918892655 1.502242122
1.054483533 1 1.158521693 0.9302947 1.356939112 1.268911863 1
0.818464616 0.563498235 0.404961661 1.230466904
1.056229641 1 0.688464616 0.414276746
0.666027698 1.229309779 0.807083583 1 0.70794653 0.295320771
0.326553054 0.634896558 0.417101686 1 0.648416441 0.346963006
0.73101487 0.651361363 0.268531913 0.757414768
YDR082w "YDR082w::STN1::involved in telomere length regulation, function in
telomere metabolism during late S phase" 0.844662869 0.796033783
1.255677987 0.967221348 0.916521131 0.933624726 1.041434298
1.064323368 0.852381845 0.859923946 0.726848027 1.323593126 1
0.914703605 0.808502212 0.793330311 1 0.889534989
1.170918618 0.838826851 0.774977649 0.90727275 0.827999943
1.116669677 1 0.858303892 1.080804038 1.115147942 1.170599811
1.754913483 1 0.997375056 0.964561634 0.149699685 1.452991081
0.972818213
YNL008C "YNL008C::ASI3::Amino acid Sensor-Independent (ASI) genes encode
membrane proteins Asilp, Asi2p and Asi3p. Asilp and Asi3p have conserved
ubiquitin ligase-like RING domains at their C-termini" 1 1.461733932
1.25819854 1.423929988 1.324691242 1 1.496813816 1.184120477
1.202733255 1 1.336819431 1.271128829 1.135888864 1.216816737 1
1.187283076 1.337530102 1.424792866 0.751700518 1 0.437908671
0.408607197 0.208984342 1 1.349320442 1.014891427 1.331863521
1.06693223 0.970509728 0.957799463 1.18668311 0.798084597
1.042495232 1 0.983725842 1.266404596 0.722163998 0.91475375
0.57666506
YNL008C "YNL008C::ASI3::Amino acid Sensor-Independent (ASI) genes encode
membrane proteins Asilp, Asi2p and Asi3p. Asilp and Asi3p have conserved
ubiquitin ligase-like RING domains at their C-termini"
1 1.155612437
1.301188742 1.360192355 1.295330203 1.113256263 1 1.243728435
1.089196002 1.622385103 0.992577941 0.767685025 1 1.025224025
1.089917877 1.305850956 0.910089927 0.823779597 0.868618994

YBL041W YBL041W::PRE7::proteasome subunit 1 0.920401938 0.798849761
0.844251469 0.871101893 1 0.838144454 0.856911712 0.757524725
0.856696953 1 1.011228369 0.842894482 0.995790079 0.89980197 1
1.090255617 1.268406116 1 1.009636025 1.443643734
1.607174993 1.696804927 1 1.082652797 1.334693523 1.066459348
0.858062974 0.844402636 1.422266602 1.127848648
1.226239876 1 1.241705455 1.441120723 1.048159128 0.990089854
1.17102708 1.208361116
YDR084c YDR084c::YDR084C::molecular_function unknown 1 1.013515888
0.966859624 0.782999177 0.926109828 1 0.738217124 0.81888046
0.881323626 0.859634676 1 1.052543729 1.04848631 1.17780002
0.832973184 1 1.22476242 1.007588997 1.018259708 1
1.78392189 1.641600099 2.14668232 1.393456566 1 1.175531362
1.430783162 1.263056148 1.197790461 1.063204192 1 0.914556311
1.281276702 1.22549874 0.977457383 0.928082838 1 1.129225383
1.253293061 1.006416091 0.945886597 1.151194328 1.107664347
YBL043W YBL043W::ECM13::ExtraCellular Mutant 1 1.515921
1.395746305 1.305152776 1.292337968 1 1.248343334 1.428607137
1.205963513 1.367050326 1 1.206231997 1.343381096 1.38349121
1.353581653 1 1.311931848 1.016046382 0.736457721 1
0.778664467 0.727901115 0.943328691 0.911867567 0.712279813
0.915259926 0.895632182 1 1.078083567 0.881755993
2.1505863 1 1.336758995 0.967769111 1.199150725
1.034111939
YDR086C YDR086C::SSS1::involved in transfer of secretory precursors through
the endoplasmic reticulum membrane 1 0.903993274 1.2403738 0.797729462
1.575146029 1 0.74377272 0.77983114 1.365253488 1.253837926 1
0.892105597 1.120344189 1.279508873 0.979408748 1 0.969801657
1.697139888 0.676883923 1.234770684 1 1.945760606 2.220507627
2.051459226 1.53364258 1 0.866319903 0.986278856 0.656568946
0.717211435 0.955900448 1 0.843540645 1.197593371 0.846214427
0.950668431 1.52582838 1 0.97139612 1.397531999 0.986822025
1.556567631 1.35831721 1.407127762
YBL045C YBL045C::COR1::44 kDa core protein of yeast coenzyme QH2 cytochrome
c reductase 1 0.931120592 0.915656762 1.174205183 0.780303927 1
1.294348275 1.435793932 0.695704489 0.803648768 1 0.769976795
0.684995447 0.599605106 0.826163651 1 0.38306809 0.674177198
0.65758573 1 0.686691787 0.362951601 0.753768033 1.073552553 1
0.595073721 0.301905481 0.380252155 0.927983339 0.698712332 1
0.448772487 0.113491144 0.110229072 0.229506 0.524456939 1
0.398322687 0.154406079 0.374920729 0.639546979 1.30439548 0.694369817
YDR088C YDR088C::SLU7::Involved in 3' splice site choices and acts in
concert with Prp18 during the 2nd step of splicing. 1 0.602236469
0.878360084 0.986041547 1 0.677591498 0.696506374 0.857852291
0.801230587 1 0.80704134 0.921928892 0.957669298 1
0.9723449 1.133062498 0.984819117 1 1.840441778 1.57721099
1.670322314 1 0.923014755 1.026025951 0.847305325 0.884035514
1.09527173 1 0.981667496 1.04419966 0.995792466 1.258673214
1.249793709 1 1.035925481 1.134438738 1.180335065 1.071581591
1.36300985 1.169833634
YBL047C YBL047C::EDE1::EH domain protein involved in endocytosis
1.116777315 0.986216384 1.141627097 0.711710461 0.785762459
0.986347038 0.95928549 1.03656268 0.854221753
1.07003503
0.912937119 0.807691497 0.833327833 0.784265007 0.906338929 1
1.173138793 1.321298927 1.074890277 0.823235852 1.211965049 1
0.910086151 1.235367117 0.967234954 1.33313658 0.900771805 1.163704293

YDR102C YDR102C::YDR102C::molecular_function unknown 0.980104457
0.988493991 1.014158428 0.988758681 1.101677169 0.996384926
0.985025691 0.999468923 1.010119717 0.709319554 1.161080944 1
0.818333687 1.777763965 1.583508699 1.453709562 1 0.749566705
0.699967832 1 0.78530074 0.92120314 0.827583681 0.823692535
0.934248566 1 0.967918645 1.132202354 1.791775217 1
1.201952639 0.699811482 1.644834315 0.90276836
YBL049W YBL049W::YBL049W::molecular_function unknown 1 1.134340238
1.133944663 1.118331422 1.046582654 1 1.082696055 1.139671775
1.094654515 1 1.031656209 1.119015129 1.477831869 1.118408453 1
1.168998898 1.085044269 1.126348112 1.232686378 1 1.55519208
1.277082936 1.521448411 1.650798735 1 0.821975729
1.014523314 1 0.781937639 1.103936959 1.281426269 1.620916643
0.6633797 0.897756952 1.36860028
YBL063W YBL063W::KIP1::Mitotic spindle assembly 1 1.181098396
1.080777268 1.48714369 0.943505186 1 1.151767857 1.272801558
1.293507316 1 1.179728209 1.389982554 0.851962811 1.399746292 1
1.473431595 1.274372669 0.525401841 1 0.543286162 0.551568737
0.260204326 0.371557773 1 0.859721246 0.902184692 0.851867112
0.975884866 1.051701701 0.814132559 0.943106915
0.712010268 1 0.935565008 0.86559239 1.040519483 0.732668496
0.919142604 0.740777918
YBL065W YBL065W::YBL065W::molecular_function unknown 1 0.963032355
1.113724358 1.113413932 1.139814383 1 1.007694957 1.29892938
1.094081183 1 1.084626383 1.242798917 1.633784267 1.177018924 1
1.375476137 1.176817633 1.531289152 1.620546684 1 2.042747817
2.391785433 2.891398348 1.740491797 1 0.985691624 0.832283912
0.892126186 0.920755949 0.924426572 1 0.718647631 0.723173111
0.829180663 0.957960258 0.991516683 0.841980512 0.89306598
1.05833135 0.092489398 1.038786826 1.137435598
YNL010W YNL010W::YNL010W::molecular_function unknown 1 1.034292023
0.978060725 0.84567824 1.633420437 1 0.952429333 0.86060444
1.045078766 1.121152997 1 0.750412576 0.859723621 0.666220684
0.905312317 1 1.486182473 0.96663357 0.811213314 0.958393368 1
1.497978695 1.094299269 1.041428195 1.288156467 1 1.190685897
1.154636511 0.91041947 1.103724813 0.960472246 1 0.988047535
1.386864541 0.995260526 0.864454902 1.612796088 1 1.072692708
1.265956082 0.866180912 1.684512826 1.417709715 1.293296646
YNL012W "YNL012W::SPO1::dispensable for mitosis, premeiotic DNA synthesis,
synaptonemal complexes, and recombination, but required for meiotic spindle pole
body duplication/separation, meiosis I, meiosis II, and spore formation" 1
1.579499983 1.275939106 1.449621405 1.394767854 1 1.544865509
1.503442518 1.417613541 1.214052142 1 1.260305988 1.475206578
1.543693516 1.070145443 1 0.708004787 1.423478846
0.329459252 1 1.229479623 1.023271868
1.055880911 1 0.844694425 0.915834345 0.983311335 0.994248371
1.021113437 1 0.987861463 1.203394052 1.169257022 1.368726908
1.128679366
YNL014W YNL014W::HEF3::Translational elongation factor EF-3B 1
1.368668292 1.323759455 1.235618067 1.553839422 1 1.418391634
1.213820706 1.472533375 1 1.052639029 0.980006574 0.869519303
1.280859197 1 0.761246737 0.423344873 0.479386098 0.840062263 1
0.965543516 1.103416345 0.783549171 0.88791637 1 0.806749321
0.521512609 0.87120341 1.170732005 1.031716585 1 0.937314416
0.627496895 0.648420522 0.573680478 0.644448698 1 1.139014939
0.870956625 0.853095101 1.299705731 0.747602391 0.92816139

YNL016W YNL016W::PUB1::poly(A)+ RNA-binding protein 1 1.281881205
1.326035101 1.4241708 1.441688202 1 1.313068037 1.322045109
1.340436395 1.309035605 1 1.206181489 1.322007861 1.265704809
1.447204616 1 0.5419172 0.621510773 0.510848575 0.702519513 1
0.766436033 0.80703225 0.570686131 1.355577435 1 1.080512059
0.816107458 1.350202536 1.705602563 1 1.163845351 0.970851503
1.030184872 0.691972258 0.367812501 1 1.536686391 1.436426969
1.443276463 1.421381622 0.980029174 0.996460122
YDR104C YDR104C::SPO71::Product of gene unknown 1 1.028908549
0.99577958 1.055780375 1 0.995165654 1.168284413 0.995424309
1.007125211 1 1.074818272 1.227526238 0.969835629 1.459819175 1
0.640090173 1.010161163 0.716648915 0.519218493
1 1.108230238 1.171509618 1.11988396 1.273919597 1.226919265 1
0.950249572 0.903377506 0.923288794 1.001526711 0.577438454 1
0.823705629 0.906488872 0.970213853 0.759624818 1.013655872 0.83446968
YNL030W YNL030W::HHF2::Histone H4 (HHF1 and HHF2 code for identical
proteins) 1 1.159555101 1.578733774 0.971250331 2.382146704 1
1.049898969 1.100247052 1.778681669 1.746641123 1 0.944986927
1.013110926 1.049223155 1.364322213 1 0.912619926 0.463340424
0.361792528 1.011881606 1 1.848476659 1.826309522 1.020317207
1.125400569 1 0.80347481 0.798500089 0.523668812 0.773959932
1.190840912 1 0.59754482 0.981963796 0.77691497 1.16219355
1.5761764 1 0.619568102 1.144974332 1.16689059 2.019441801
1.744200155 1.736362427
YDR106W YDR106W::ARP10::actin-related protein 1 1.219372798
1.161049642 1 0.964253181 1.031757111 1.139592954 1
1.225185929 1.419581469 1.189282114 1 0.61311149 1.594021576
1.322524946 1 1.74871553 0.779481295
0.862415715 0.919396686 1 0.978238749 1.46295903
1.215058002 1.709932581 1 0.793611711 0.919511937 0.357745083
0.847604027
YNL032W YNL032W::SIW14::Synthetic interaction with Whi2 1 0.742955792
0.914358931 0.805799981 1.120032765 1 0.74040951 1.103749271
1.001878664 1 0.826632231 0.814790739 0.925873288 0.856982134 1
1.216826617 0.930576395 1.104973941 1.275694133 0.617008477
1.019815729 0.643328824 0.487036047 1 1.008948489 1.036669477
0.695923792 0.717796811 0.965302059 1 0.771116462 1.000552352
0.980669648 0.819059332 1.307866507 0.92833746 1.142725022
0.93112307 1.029375375 1.119923134
YDR108W YDR108W::GSG1::Probably has role late in meiosis following DNA
replication 1 0.819732075 0.671498482 1.134375642 0.69804605 1
0.856143107 0.858671196 0.84502575 1 0.885500868 0.754978272
0.620826088 0.909286853 1 0.596628083 0.607551355 0.58752305
0.699857459 1 0.933644615 1.269398868 0.710148335
1.03055868 1.172590919 0.903231438 1.008543107 1 1.006709116
0.990729877 1.1615168 0.98366964 0.939101953 1 1.03070412
0.888491096 0.921289083 0.673124068 0.938397528 0.815205939
YNL034W YNL034W::YNL034W::molecular_function unknown 1 1.468823748
1.443627778 1.357961777 1.481595355 1 1.531304518 1.190204665
1.54394497 1 1.36024377 1.314976237 1.348655677 1.302930067
0.658946932 0.622511538 0.851041655 0.533616028 1 0.848006714
0.807552979 0.782905034 0.905674609 1.029667445 1
0.738424492 0.624957332 0.743679757 0.855461083 0.96998889 1
0.930898286 0.597628513 0.529752537
YBL067C YBL067C::UBP13::similar to Ubp9p 1 0.949229474 0.781697756
1.193901735 0.940362173 1 1.120555139 0.853561986 0.976395247
0.90922366 1 1.088501856 0.968038798 0.692518516 1.151260957 1

0.711626247		0.8420466		0.779991909		1	
0.805821407	0.6999282	0.84244038	0.873722403	0.801998569	1		
0.893856035	0.693063373	0.753905747	0.729539469	0.578937328	1		
1.057107489	0.787952521	1.021097801	0.451360561	0.801838057	0.696996707		
YDR110W	YDR110W::FOB1::The gene product is essential for both DNA replication fork blocking and recombinational hotspot activities.					1	
0.738565105	0.688764797		0.719410129	1	0.715907603	0.751738421	
0.804181787	0.949262257	1	0.634064656	0.575066362	0.611248934		
0.940679233	1	0.374970615		0.496207951	1	0.711884913	
0.662037087	0.40503978	0.820731636	1	0.823502959	0.772705307		
0.977618111	1.139202834	1.235408026	1	0.765527575	0.668791568		
0.767946286		0.715880667	1	0.619493981	0.556343626	0.819619847	
0.577564548	0.792511092	0.619066183					
YNL036W	YNL036W::NCE103::endogenous substrate for nonclassical export (Cleves et al. J Cell Biol 1996 133:1017-26).					1	
1.320195921	1.895011902	1	1.820113025		1.433790543	2.645468369	
4.151622586	3.559333306	6.492832197	1.465154799	1	3.954686419		
7.207107246	3.814183813	2.143862749	1	11.75364165	16.93461281		
15.17667632	5.569253775	1	3.341626741	4.755595647	1.87099777		
1.216413561	0.904603194	1	1.415296476	3.900729558	3.403342603		
3.9151907	4.851270082	1	1.994371816	3.393153371	5.37829154		
4.709946145	8.394237608	1.096281225					
YBL069W	YBL069W::AST1::Protein involved in targeting of plasma membrane [H+]ATPase					1	
1.09279265	0.966318094	0.982944226	0.857900175	1	0.967792317		
0.959716195	0.785773967	0.903180443	1	0.858035883	0.753192546		
0.735643751	0.714116547	1	1.264846504		0.874609375	0.911270806	
1.049888249	0.894751291	0.916252802	1.154899661	0.895423499	1		
1.047204913	0.873323451	0.763052409	0.850883067	0.681863552	1		
0.950589359	0.878559067	0.898970484	0.52284403	0.96857646	0.843225912		
YDR112W	YDR112W::YDR112W::molecular_function unknown					1	1.125396287
0.91333202	1.396564302	0.669614811		1.372965484	1.22469594		
0.858587043	0.80536687		1.481721695	0.996369384	0.518843311		
1.125837327	1	0.398066097		0.349443214	1	0.695354501	
0.724336755	0.672496803	0.638147296	1	0.854106821	0.690388572		
1.185627059	1	1.079346271	0.464462455	0.621426084	0.887043131		
0.553787543		0.916974711	0.37662847	1.05937409		0.80350104	
0.593673049							
YNL038W	YNL038W::GPI15::Glycosyl Phosphatidyl Inositol					1	1.048335962
1.180082083	0.906727734	1.374272866	1	0.932776988	0.857627254		
1.220282254	1.09866583	1	0.814935265	1.005986849	1.044681104		
0.931109228	1	1.018944614	0.772994487	0.773315739	1.237269974	1	
1.461397768	1.30266833	1.10911526	0.826506618	1	0.891096442		
1.036224796	0.71444145	0.708163626	0.972672887	1	0.994644605		
1.256540723	1.284871577	1.387840825	1.733465341	1	1.106826463		
1.470156863	1.297086044	2.017810258	1.487988505	1.534093225			
YBL071C	YBL071C::YBL071C::molecular_function unknown					1	1.213334656
1.17585426	1.074123885	1.431874972	1	0.894431381	0.947582005		
1.563509238	1.589552682	1	1.001252816	0.891523042	1.293477501		
1.281432984	1	0.833058268	0.705244884	0.738490942	1.217160869	1	
1.182120942	1.295910329	1.427463928	0.905917833	1	0.807990218		
0.757353021	0.721606827	0.7720396	0.746237929	1	0.673265183		
1.056382015	0.78383321	1.315807966	1.586618349	1	0.655321085		
0.980104605	1.002875169	1.170495115	0.686985989	1.25914728			
YDR126W	YDR126W::SWF1::Spore Wall Formation					1	1.119876476
0.883758435	1	0.945372765	0.855524137	0.793565831	0.891941438	1	
0.96939048	0.944613506	1.054915998	1.00786513	1	0.838025183		

	0.750303314	0.840481124	1	1.146832301	1.645047934		
	1.016972934	1	1.113776485	1.009623677	1.085768012	1.183695724	
	0.950503556	1	0.765443936	0.804134009	1.110838567	0.553747323	
	0.842513027	1.127201329	0.557512642	0.962868298	0.805574095		
YNL040W	YNL040W::YNL040W::molecular_function unknown					1	0.813569744
	0.73785055	1.043141472	0.897380418	1	0.908791702	0.961716856	
	0.814239094	0.93957687	1	0.782171825	0.924301004	0.637104806	
	1.147933069	1	1.473640254	1.292545309	1.188440835	1.271344518	
	1.603710205	1.080566354	0.78433469	1.528577321	1	1.012520638	
	0.893539371	0.989082244	1.195359124	1.147521472	1	1.00113873	
	0.694807322	0.842391253	0.73534983	0.846505201	1	0.878960913	
	0.779141407	1.048638503	0.860942194	1.083518292	1.12167436		
YBL073W	YBL073W::YBL073W::molecular_function unknown					1	1.113200234
	1.059745375	0.936913249	0.920962498	1	0.955320943	1.029945068	
	1.006350273	0.93349752	1	0.98321457	1.057503936	0.83639148	
	0.85619367	1	0.782958118	0.474625538	0.75290328	0.73102205	
	1.180664595	1.410513546	0.935998666	0.951360683	1	0.926423727	
	0.904002667	0.899761555	0.920761091	0.911544352			
	0.938488374	1.126711553	1	1.095340689	1.138711397	1.373162626	
	0.647143341	1.149775936	0.999087012				
YDR128W	YDR128W::YDR128W::molecular_function unknown					1	0.81063402
	0.721835043	0.911918225	0.508272032	1	0.960359951	0.999556873	
	0.695561368	0.557519136	1	1.071945282	0.877126184	0.460930371	
	0.907848844	1	0.756146641	0.823913285	0.594082472	1	
	0.615888692	0.773746757	0.681821284	0.848838872	1	0.831542161	
	0.850043941	1.087253726	0.992692358	1	0.91913387	0.640915421	
	1.078668048	1.415995943	0.601450588	1	0.844348972	0.741567274	
	1.056388253	0.37955174	0.802548461	0.692618592			
YBL087C	YBL087C::RPL23A::Homology to E. coli L14 and rat L23					1	
	1.738701196	1.939361828	1.344706402	1.597803811	1	1.271760874	
	1.170304595	1.503593328	1.531159196	1	1.157391515	1.278409308	
	1	0.791128675	0.366038485	0.47637775	1	1.044251139	
	1.159810505	0.613569678	1	1.361608313	1.121953238	1.140573755	
	1.276373042	1.538292752	1	1.092743764	1.241727507	0.854248928	
	0.537281152	1.256280323	1.129458364	1.102779582	0.901927725		
	1.51528464	0.999964678	1.093654335				
YDR130C	YDR130C::FIN1::Cell cycle-dependent filament between nuclei					1	
	0.655959601	0.978120364	0.908770617	1.007145051	1	0.824034413	
	0.830505962	0.82770188	1	0.97228856	1.052663999	0.699750814	
	1.214553411	1	1.109658139	0.753074408	1		
	0.72756112	1.327631257	0.947250932	1.059090178	1.055699906		
	0.788054251	0.839634627	1.029594248	1	1.178458234	1.119045223	
	1.368783478	1.467456595	1.500483126	1	0.885871962	0.827709337	
	0.983054594	0.363331233	1.277410937	0.93253961			
YBL089W	YBL089W::YBL089W::not yet annotated					1	1.428411575
	1.003668813	1	1.058885641	1.134129706	1	1.311327777	
	1.231016096	1.031694259	1.173619667	1		0.814565772	
	0.472651788			0.973495616	0.73171881		
	1.295325447	0.879365396	1	1.149058002	1.095267322	1.431587585	
	1.014994479	1.233466923	1	0.94184602	1.313491555	1.119107408	
	0.695671496	1.13486083	0.972818213				
YDR132C	YDR132C::YDR132C::molecular_function unknown					1	0.845893115
	0.781312602	0.929062852	1	0.764510139	0.74340091		
	0.855798543	1	2.578570655	2.064393104	1.011619421	1	
	3.692251406	1.580905918	1.532392183	1	3.053873859	4.070877725	
	2.108339158	1.846932635	1	3.010074557	3.19614566	2.162499116	
	1.189314759	1.177179115	1	3.44881571	3.798050121	3.944451244	

2.86221448 1.261412624 1 4.030839903 3.700352884 1.818966486
 0.968210945 1.16851816 1.09453
 YBL091C YBL091C::MAP2::methionine aminopeptidase 2 1 0.862056018
 0.913944768 0.806786405 0.717301997 1 0.75973978 0.767983173
 0.869674623 0.983983489 1 0.745317292 1.010357857 0.837726644
 1.07460781 1 0.501015158 0.383930807 0.459301594 0.526133399 1
 1.922530579 0.92124439 1.907568054 1.541733245 1 1.249572303
 1.167674815 1.598003705 1.216408736 1.400986886 1 1.100325634
 1.199886057 1.405908484 1.110681449 0.675735942 1 1.035384063
 1.052406823 1.156302486 0.766563041 0.899772055 0.857235872
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 1.372588409 0.791876996 1.340277807 1 0.993855569 0.900593685
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 0.837922466 1 0.767536811 1.246507726 1.040119258 1
 0.969572726 0.8640629 0.795323569 0.525163106 1 1.001006332
 0.644069688 0.786912289 1.003165169 0.835005053 1 0.685885103
 0.761418756 0.438882612 0.304317295 0.636677255 1 0.981769985
 0.934291631 0.703349425 1.419141962 1.150573378 1.183843646
 YBL093C YBL093C::ROX3::RNA polymerase II holoenzyme/mediator subunit
 0.966560327 0.862085259 0.715613424 0.826249818 0.760337209
 0.668914668 0.895686479 0.914401158 0.658275077 0.918098325
 0.739702297 0.953535264 0.600311802
 1 0.928321847 1.011584714 0.970945683 1.030602967
 1.178682033 1 0.856399459 1.347919623 1.076625551 1.194736385
 1.46039497 1 1.032162852 1.261532193 1.228534943 1.186682695
 0.907065661 0.800320314
 YBL095W YBL095W::YBL095W::molecular_function unknown 1.212817713
 0.93724723 0.960368595 1.032750966 0.887492687 1.07190884
 1.144860055 1.104358922 0.982619114 1.026000973 1.166954919 1
 1.275578998 1.190807635 1.115358287 0.927978313 1 0.935468327
 0.999493001 0.703484851 1.000786969 1 0.855580149 0.827837955
 0.938422201 0.892535982 0.912508182 1 0.64992611 0.717128752
 0.540719893 0.759038331 0.803188401 1 0.839075574 0.871890233
 0.90268902 0.993580014 0.830493828 0.887882787
 YBL097W "YBL097W::BRN1::BaRreN, a gene with sequence similarity to
 Drosophila barren and Xenopus XCAP-H, and a functional homolog of human BRRN1"
 1 0.940963152 1.033754181 1.307774677 1.003531608 1 1.167132306
 1.196245413 1.164192082 0.757021263 1 1.168065972 1.045275577
 1.398477574 0.985512807 1 0.580693519 0.508595775 0.53564253 1
 1.044597407 0.939964593 0.968606824 0.839865095 1 0.998048152
 1.067015386 1.227540755 1.260305606 1 0.692102146 0.721455938
 0.812224853 1.227555836 1.093475093 1 0.519979093 0.530561272
 0.758255278 0.492296511 0.689613298 0.995584457
 YNL054W YNL054W::VAC7::Integral 128-kDa vacuolar membrane protein; may
 function to regulate Fab1 kinase activity. 1 1.150083407 1.091821984
 1.41771685 1.086095365 1 1.431184135 1.168746367 1.075221736 1
 1.141782658 1.291631123 0.93361868 1.354467558 1 0.988991654
 0.986430121 0.566155154 1 1.001560732
 1.027030689 1.135397648 0.998139466 0.943285434 1 1.202033857
 1.071254144 0.908040543 1.036841281 0.87699413 1 0.994263616
 0.975736256 1.145562523 0.933808037 0.924670386 0.95793264
 YNL056W YNL056W::YNL056W::molecular_function unknown 1 1.245689258
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 1.634990736 1.4337852 1 1.029709033 1.283821907 1.980361108
 1.239698741 1 1.408488008 1.110598632 1.226309711 1.590607927 1
 1.179972163 2.288649438 1.716227453 0.969135146 1 0.991601557
 1.012817889 0.725740157 0.87501222 0.937418728 1 0.894583666

1.000863491 0.821072978 1.719153812 1 1.265083105 1.185984859
1.009108195 1.800377915 1.503780876 1.507824531
YNL058C YNL058C::YNL058C::molecular_function unknown 1 0.965580407
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1.036208075 0.919739284 1 1.041302965 1.088532185 1.187546578
0.692006191 1 1.548054482 1.4517557 1.854036392 1.022689366 1
0.617752129 1.067491908 0.952661942 0.43300579 1 1.116100379
1.206278149 0.68730918 0.833983048 0.733594115 1 0.9451331
0.671569568 0.389194114 0.626889298 2.124033298 1 1.120806756
1.066575081 1.200850541 1.267364361 1.521374093 0.980698884
YDR136C YDR136C::VPS61::Vacuolar Protein Sorting 1 1.618378072
1.59039118 1.553734371 1 1.569474534 1.907476118
1.4107315 1 1.616350772 1.793411114 1.712571877
0.398346451 0.638012252 0.558371378 1
0.712570363 0.674074419 0.740785322 0.778790172
0.78863285 0.772494567 0.948649097 0.823022556 1 0.868973028
0.843268729 1.03696184 0.844657555 0.784206449 1.029733823
YNL062C YNL062C::GCD10::First identified as negative regulator of GCN4
expression 1 0.862779997 0.543151094 0.784413731 0.716358565 1
0.675337403 0.611774351 0.67414122 0.870226639 1 0.531694342
0.393901671 0.434228326 0.997805519 1 0.357177948 0.357610841
0.70312922 1 0.736416334 0.461655306 0.982410957 1
0.858773125 0.519843118 0.84700515 1.012812304 0.874194463 1
0.788537511 0.648950257 0.530802382 0.902890398 0.739922386 1
0.553183273 0.714238565 0.970242867 0.714531026 0.540235914 0.757414768
YDR150W "YDR150W::NUM1::May function in nuclear migration during mitosis and
meiosis by affecting astral microtubule functions, perhaps by being involved in
polymerization and stabilization of microtubules" 1 1.374572806
1.005146524 0.992856476 1 1.209345399 1.192530127 0.929134746
0.93058224 1 1.333612542 1.233494651 0.828406026 1.229216371
1 0.985812356
0.707848929 0.831018628 1.147575961 0.831923176 1 0.90918925
1.043055263 0.766026988 0.507963925 1.143368293 1 0.788615853
0.986427913 0.591188006 1.24837893 0.866306262
YNL064C YNL064C::YDJ1::yeast dnaJ homolog (nuclear envelope protein); heat
shock protein 1 1.027434999 0.880984283 1.104080394 0.990480137 1
0.856633067 0.948039605 0.858004244 0.878808823 1 0.676972678
0.68861289 0.715071947 1.016879692 1 0.61274364 0.545691145
0.913571228 1.242444483 1 0.833181451 0.622002971 1.005382119
1.556099568 1 1.166390423 0.767620015 0.683974823 0.828646554
0.867231028 1 1.563168081 0.678233425 0.293362586 0.348109214
0.779797587 1 1.44698043 0.661386562 0.613640175 0.876176142
0.794917019 1.181216756
YDR152W YDR152W::YDR152W::molecular_function unknown 1 0.836988134
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0.621053462 0.524084024 0.643771895 1 0.888994614 0.956964995
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1.049395505 0.807888962 1.029733823
YNL078W YNL078W::NIS1 1 0.748990584 0.670450573 0.722256535
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0.686186611 0.779574907 0.698520976 0.564562794 1 0.795032401
0.985950888 0.75404524 0.596477984 1 0.543378973 0.592339487
0.678167389 1 0.832360514 0.924121331 0.861935655 0.839144301 1

	0.661005845	0.638389462	0.726231845	0.586006223	0.999811957	1	
	0.540598029	0.591118072	1.115952579	0.331979291	0.75911303	0.626946802	
YBL109W	YBL109W::YBL109W::molecular_function unknown					1.106926999	
	0.912193217	0.724437069	0.960107283	0.786441535	0.849312144		
	0.723591173	1.025992845	1.082044493	1.445516129	0.76654838	1	
	1.041995264	1.067680191	1.703743435	0.808618643	1	0.409242121	
	0.787329216	1	0.72328526	0.727974705	0.757095389		
	0.893677748	0.861611404	1	0.711733782	0.588880692	0.562187173	
	0.771573283	0.766450287	1	0.770271712	1.142450556	0.578366525	
	0.970799876	0.945673958					
YDR154C	YDR154C::YDR154C::molecular_function unknown					1	1.427397952
	1.655922366	0.873066569	1.283091435	1	0.966256848	1.099755839	
	1.528975853	1.368911191	1	1.520932307	1.580132573	3.461978168	
	1.198616488	1	1.202510981	1.778759913	2.292011062	2.675963765	1
	1.121393865	2.646577814	3.486765223	2.081533335	1	0.860597574	
	0.979210489	1.078328631	0.750967537	0.683680833	1	1.104446711	
	2.043883793	1.300043899	0.712983847	1.050498984	1	1.146140136	
	2.115775728	1.268850289	1.289922951	1.217838797	1.496441408		
YNL080C	YNL080C::YNL080C::molecular_function unknown*					1	1.577918597
	1.024725348	1.048420039	1.005449929	1	0.999223375	0.85658787	
	1.00411471	1	1.370913069	1.10572673	3.972902341	1.199607037	1
	0.641626961	3.046282608	0.658821502	0.52425366	1	1.267333836	
	1.126972925	1	1.034831945	0.832324913	1.012150873	1.093408773	
	0.803887056	1	0.801025773	0.855222059	0.953738262	0.773023714	
	0.880363762	1	0.827590541	0.780338769	0.812040343	0.663939254	
	0.732095331	0.846728415					
YBL111C	YBL111C::YBL111C::molecular_function unknown					1	0.872400702
	0.744634002	1.050642663	0.385423282	1	1.228110035	1.322389502	
	0.637163454	0.495524349	1	0.927633201	0.898720405	0.215075837	
	0.829117261	1	0.662316333	0.508990305	0.638776016	0.45054082	1
	0.566949283	0.42868998	0.327424674	0.775006301	1	0.697863094	
	0.716913632	1.154694659	1.076729136	0.989118145	1	0.959326965	
	0.383743314	0.990611497	1.003470805	0.492447152	1	0.557827516	
	0.447853339	0.694948662	0.472146157	0.48998263	0.67072796		
YDR156W	YDR156W::RPA14::14 kDa subunit of RNA polymerase I					1	
	0.93810465	0.978182659	0.464839191	0.465572554	1	0.83333046	
	0.873268955	0.720144577	0.672425303	1	1.090178686	0.782765532	
	1.273098327	0.656407365	1	0.313249649	0.258194035	0.496759613	
	0.716238167	1	0.811426105	1.042221267	0.897469897	1	
	1.011909117	1.046308724	1.208757971	1.229124102	1.205916071	1	
	0.810960264	0.649454996	0.469105605	1.016492053	0.933871707	1	
	0.697756176	0.560790059	0.985555673	0.72055227	0.703785798	0.789812857	
YNL082W	"YNL082W::PMS1::Required for mismatch repair in mitosis and meiosis, low levels of postmeiotic segregation, and high spore viability, dispensable for homeologous recombination"						
	0.948620943	0.872934907	0.816097794	0.822812569	0.942898758		
	0.675153923	0.648380495		0.948399654	0.218986284		
		1.235632016	1	0.854504037	0.96653792		
	0.92404021	0.865616208	1.194377659	1	1.17488256	1.3257613	
	1.340568046	1.354845662	1.273586672	1	1.199863496	1.220953679	
	1.195556564	0.963586716	1.119006616				
YBL113C	YBL113C::YBL113C::molecular_function unknown					1	0.94068217
	0.931180674	0.974311033	0.698801286	1	1.05818044	1.10500323	
	0.846661589	0.881161885	1	1.019769628	0.950515374	0.890707366	
	0.842714696	1	0.819121576	0.921761986	0.800506844	0.701553233	1
	0.758388122	0.59372212	0.466402661	1.038665244	1	0.818620003	
	0.916366683	1.332581659	1.083364162	1.068213235	1	1.078770921	

0.722969122 1.337997952 1.668453521 1.056023742 1 0.653225198
 0.616487754 0.821683491 0.695996385 0.689986609 0.612061177
 YDR158W YDR158W::HOM2::threonine and methionine pathway 1 1.44534603
 1.079332447 1.433934188 1.111649084 1 1.370179014 1.335633736
 1.074682201 0.865694689 1 1.613886744 1.413182286 0.707503526
 1.231717362 1.397004759 2.354717682 2.230353089 1.036975457 1
 0.220550277 0.268404516 0.606924891 1 1.224522445 0.990211336
 1.39278521 1.306670895 0.930746869 1 0.899946818 0.878313385
 1.737511976 1.946771966 1.100650039 1 0.917725978 1.443234342
 2.067987831 1.22800494 1.190127128 0.959683866
 YNL084C YNL084C::END3::Required for endocytosis and organization of the
 cytoskeleton 1 0.949413867 1.200269512 1.153123992 1.211745488 1
 1.229758963 1.12129347 1.070736759 1 0.903728888 1.182967477
 1.633329788 1 0.937954796 1.016815796 1.26239226
 0.955781084 1.119464838 0.746861033 1 0.870525762 1.231480948
 0.730946085 0.580211134 0.949525598 1 1.064843044 1.688193899
 1.564434482 1.023806057 1.787273378 1 1.339499651 1.652307488
 1.064568668 1.13261427 1.473619563 1.408878988
 YBR002C YBR002C::RER2::cis-prenyltransferase involved in dolichol synthesis
 1 0.904200557 1.143652007 1.028148258 1.204327522 1 0.920766153
 0.962865832 1.182297297 1.092638104 1 0.723927392 0.869681813
 0.968159198 1.023084856 1 0.839159669 0.874521971 0.658520308
 0.969630444 1 1.218389856 1.204141794 1.11520383 0.914327572 1
 1.128838456 1.260897769 1.326310093 1.129126627 1.395432619 1
 1.094109159 0.953386451 0.860759532 0.965148229 1.209515757 1
 0.762955843 0.875968492 0.795435212 1.156000243 0.807047422 1.165455518
 YDR160W "YDR160W::SSY1::Ssy1p controls expression of several transporter
 genes, including BAP2, TAT1, PTR2 and YDR046c" 1 0.717231143 0.687936597
 0.765716499 0.516431275 1 0.754968775 0.872194702 0.756131884
 0.634647561 1 1.021126925 0.810459215 0.509098656 0.850289442 1
 0.792528449 0.630962349 0.759380452 0.773643996 1 1.872928793
 1.918382258 2.117058872 0.860510803 1.02992868 0.771889063
 1.064571438 1.172168223 1 0.752563524 0.622896192 0.913892999
 0.820021196 0.666579948 1 0.816658439 0.63663754 0.935331111
 0.616735695 0.938161753 1.197853659
 YBR004C YBR004C::YBR004C::not yet annotated 1 1.469491269 1.112879141
 1.200783357 1.315931509 1 1.010713215 0.999142165 1.05650249
 1.093588477 1 1.059100852 0.73783259 0.918418998 0.900713983 1
 0.908954848 1.22281199 0.943980336 1 0.66301572
 0.501451075 0.782929076 1 0.982857748 0.867910402 1.173717783
 1.169595359 0.942945627 1 0.731478206 1.039575789 0.991335861
 0.884132068 1.08508854 1 0.987557327 0.835368963 0.786306898
 0.985179497 0.754964247 0.760917271
 YDR174W YDR174W::HMO1::High mobility group (HMG)-like protein 1
 1.05186667 1.189065861 1.008889675 1.120428327 1 0.995995965
 1.053372384 1.36754017 1.108495439 1 0.998380722 1.134390643
 1.378220071 0.886534289 1 1.102463228 1.110598656 1.045292082
 0.892279576 1 1.25827542 1.763059356 1.944772353 1.167259368 1
 0.922926491 1.051738191 0.699609666 0.782148495 1 0.90792064
 1.15150351 1.045584978 0.664629934 0.691627415 1 0.921890674
 1.14228855 1.289410875 0.964464088 1.135354884 1.757377341
 YBR006W YBR006W::UGA2::involved in utilization of GABA as a nitrogen source
 1 0.946654325 1.088741158 1.397894523 1.0886356 1 1.137253281
 1.337693543 1.179611929 1.194206889 1 1.08410496 1.499131123
 1.795562539 1.35264098 1 1.505207556 1.168375461 1.92838345
 1.479343939 1 1.220286076 1.429074996 1.695166538 0.947905396 1
 1.094109688 1.295323 1.124834859 1.09167234

	1.14942814	0.461913433	1	0.928871819	1.084277323
	0.933260854	0.866867768			
YDR176W	YDR176W::NGG1::Involved in glucose repression of GAL4p-regulated transcription				
	1	1.395182838	1.241380454	2.056051729	1.140886667
	1.407254746	1.177038185	2.071736936	1.388712299	1
	1.387148186	1.343876035	1.73996296	2.830828405	2.043145546
	1		0.517081474	1.043112525	1.004157455
	0.898179813	1.205156895	1.177909381	1	0.788420226
	0.755160488	0.95263939	0.566666903	1	0.666389596
	0.78762449	0.59784742	0.84174145	1.227624805	
YBR018C	YBR018C::GAL7::galactose-1-phosphate uridyl transferase				
	1				1
	0.964756901	1.145081626	1.252113141	1.203822989	1
	1.219010157	1.298446175	1.12620705	1	1.091839581
	1.282636116	1.208193547	1	1.01357645	1.097636688
	1.35942639	1	1.04621113	1.284767551	0.944417198
	0.818284146	0.911196999	1.085090125	0.720379337	0.827694289
	1.159182082		1.836742421	1	0.837479592
	0.881079836	0.570616395	0.80995221		0.902163758
YDR178W	"YDR178W::SDH4::Yeast succinate dehydrogenase (SDH) is a tetramer of non-equivalent subunits--Sdh1p, Sdh2p, Sdh3p, Sdh4p--that couples the oxidation of succinate to the transfer of electrons to ubiquinone."				
	1				2.272999305
	2.263822353	1.605439857	2.163954015	1	1.788565642
	2.110580066	2.195361654	1	1.849437821	1.345574289
	1.60857916	1	2.466960502	0.898150885	2.158744857
	1.151862537	0.570636206	1.48382323	1	0.633334535
	0.251843331	1.122549439	0.74515389	1	0.276637774
	0.148106814	0.234768978	1.193060027	1	0.429721786
	0.383468628	1.248686511	2.104824981	1.311684775	
YBR020W	YBR020W::GAL1::Haploid specific protein localized in the Golgi and plasma membrane				
	1	1.15371589	1.078460676	0.964959971	0.861492715
	1.070283556	1.095086831	1.067933872	1.039542797	1.275558618
	1.065120987	1.191937298	1.000526714	1	1.212363897
	1.198575322	1.019936897	1	1.323513205	1.642879827
	0.363386412	1	1.124492682	1.202237002	2.082983811
	0.877045159	1.019867787	0.620187125	1.290421432	1.180303715
	0.739975276	0.930454568	0.892439491	1.038582214	0.963127378
YBR022W	YBR022W::YBR022W::molecular_function unknown				
	1				1.068461982
	1.111095158	1.071674688	1.24954447	1	1.018658336
	1.237974581	1.203174961	1	0.914732752	1.126666659
	1.131580002	1	1.711995243	1.505723604	2.109974181
	1.881898507	1.818902715	2.41372884	1.38451401	1
	0.670081619	0.476636324	0.726841678	0.991210216	1
	0.863400105	0.613459226	0.818945718	1.9480278	1
	0.642719396	0.936122681	1.502184888	1.623053131	0.931663945
YBR024W	YBR024W::SCO2::Originally identified as a multicopy suppressor of a respiratory defective mutant; homolog of Scolp				
	1				0.937230952
	1.111287045	1.404315199	1	0.957546007	1.059017318
	1.449187005	1	0.962468832	1.157268034	1.93807358
	2.141197076	1.453130494		2.145346901	1
	2.025120575	1.447457537		0.906161268	1.005077899
	0.96470723	1.045861148		1.2450176	0.980684594
	1.235171865	1	1.058823883	1.283539198	1.203569165
	1.100659341				1.560246298
YNL086W	YNL086W::YNL086W::molecular_function unknown				
					1.164797477
	1.0124092	1.033166932	1.140498848	0.849931083	0.769965755
	1.098408415		1.150172923	0.957233855	1.894245546
	0.719860963	0.71854258	0.817697032	0.8166973	1
					0.189151693

1.19477053 1 0.950528614 0.886543889 0.802250735 0.837095004
0.988012478 1 0.962594975 1.085366581 1.050739445 0.764604049
1.158725344 1 0.910525969 0.918900343 0.998762265 0.989780584
1.317814116
YNL088W "YNL088W::TOP2::dispensable for premeiotic DNA synthesis and
recombination, but required for meiosis I" 1 1.147861313 0.79995721
0.685707299 1 1.09710637 1.030574567 0.816379539 0.869104498 1
0.900123528 1.069903049 1.130752472 1 0.640869855 1.39862099
1.135824964 0.555468491 1 0.587134843 0.355651364 0.262393373
0.26426306 1 1.040357879 0.925469964 1.303911776 1.142019424
0.988574264 1 0.943789131 1.1349324 1.107072932 1.013869813
0.932359375 1 0.788075507 0.890165229 0.85427914 0.633911244
0.879188386 1.021853256
YNL088W "YNL088W::TOP2::dispensable for premeiotic DNA synthesis and
recombination, but required for meiosis I"
0.691292715 0.803143007 0.724700724 1.072426161
0.54741275
YNL102W "YNL102W::POL1::Required for mitotic DNA synthesis, premeiotic DNA
synthesis, recombination, and full sporulation" 1 1.133663357
1 1.254382646 1.111764992 0.959979036 1 1.290835667
1.342043134 0.806203783 0.677750011 0.816892609
0.935834012 0.815475265 0.740740019
1.144418893 1 1.267280601 0.955414601 1.21408511 1.096103371
0.884410717 1 0.932076139 1.036460641 1.043348386 0.860982812
0.865602321 1.152321171
YNL102W "YNL102W::POL1::Required for mitotic DNA synthesis, premeiotic DNA
synthesis, recombination, and full sporulation"
1 1.070718495 0.851209302
1.093703877 0.801815729 1 1.242038633 1.40966547 1.470708047
1.054357754 1.533515135 1 1.13431729 1.46904018 0.676243187
0.981202034 0.599717324
YNL104C YNL104C::LEU4::leucine biosynthesis 1 1.031715986 0.71928763
0.901825623 0.432697186 1 0.902935846 0.930619587 0.548476668
0.539367984 1 1.518951126 1.224547712 0.474366436 0.607226445 1
1.274452289 1.22969651 0.91310752 0.412118454 1 0.772459513
0.329383926 0.257432016 0.37832432 1 0.95530677 0.703209089
1.107709019 1.263515809 0.715368718 1 0.79265167 0.365305415
0.419095099 0.340149535 1 0.88473845 0.477800999 0.706586714
0.528329282 0.710215813 0.559523735
YDR180W YDR180W::SCC2::Sister chromatid cohesion protein 1
1.711368336 1.628119432 1.189948227 1.431024744 1 1.399550895
1.422219973 1.371637332 1 1.303330371 1.694927331 2.551536411
1.119695028 1 1.04993553 1.211924807 0.825429689 1
1.083840706 1.863266284 1 1.16027027 1.112284614
1.054071385 1.005335691 1.083959138 1 0.953554283 1.287419552
1.081264077 0.8719228 0.900831896 1 1.079529813 1.514936004
0.97395866 1.430404845 0.993330466 1.227624805
YNL106C YNL106C::INP52::Synaptojanin-like protein 1 0.998391858
0.92957746 1.197166973 0.79697863 1 1.031528497 1.084446564
0.980522834 1 1.162926772 1.14849825 1.101872409 1.059833696 1
0.833568589 1.120505952 1.068041791 0.830203313 1 0.834748356
0.612900091 0.596126361 0.701722098 1 0.980890789 0.995668399
1.055687597 1.199811695 1.030220738 1 0.810754569 0.669717603

	0.602973443	0.686821072	0.520360073	1	0.929271206	0.837540655
	1.05170699	0.682859719	1.052593349	0.611185564		
YNL106C	YNL106C::INP52::Synaptojanin-like protein					
					0.777198734	
	0.551676801					
	0.316459394					
YDR182W	"YDR182W::CDC1::Protein that affects bud emergence, intrachromosomal recombination, and nuclear division"					
			1	0.940851374	0.948915635	
	1.196992855	0.845900134	1	1.086872001	1.119403235	0.909714435
	0.894681239	1	1.032743608	1.017689076	0.960603869	1.024245942
	1.216826617	0.765167043	1.028272995	1.000922928	1	1.079319138
	0.753779526	0.860480959	0.635115389	1	0.965518042	0.891311473
	0.845913694	1.095240328	1.032583423	1	1.016732873	0.709512787
	0.793851822	0.731211395	0.693340228	1	1.183537575	0.796334966
	1.096536455	1.085891962	1.116352166	0.989455116		
YNL108C	YNL108C::YNL108C::molecular_function unknown					
					1.065063267	
	1.004437509	0.771520737	1.034770273	0.869302698	0.865525002	
	0.956635564	0.89829388	0.802950922	0.966404108	0.782212235	1
	1.040915795	0.825642029	0.94790009	1	1.454286511	1.050430187
	1.136099115	0.956730888	1	0.980115447	1.04117201	1.02347553
	0.940093468	0.863291997	1	0.976227045	1.20448502	1.002810871
	0.990047238	0.814536239	1	0.846290122	0.924886274	0.843937366
	0.673611988	0.622905749	1.060380634			
YDR184C	"YDR184C::ATC1::interacts with AIP3, localized to the nucleus"					
						1
	0.852638709	0.760823166	1.017699744	1.274074411	1	0.810000934
	0.801830194	0.979681568	1.241655337	1	0.425355449	0.392027015
	0.434208013	0.995764168	1		1	0.287187442
	1.390182041			1.031221422		0.862489653
YNL110C	YNL110C::NOP15::Nucleolar protein 15					
					1	0.508048169
	0.547449393	0.584544278	0.816372757	1	0.50684043	0.45980964
	0.680287985	0.85455079	1	0.395233181	0.330500769	0.721612448
	0.399206323	0.190077444	0.310254996	0.464861577	1	0.751975514
	0.264074096	0.335135314	1.148501068	1	0.670527449	0.560186536
	0.476344822	0.510826168	0.877046331	1	0.728405023	0.835730002
	0.542226698	1.096732051	2.243107068	1	0.51633098	0.759006806
	1.087660611	0.996243547	0.715163136	1.217117347		
YBR026C	YBR026C::MRF1'::May be transcriptional regulator of genes involved in assembly of mitochondrial respiratory proteins					
					1	0.820287746
	1.028494097	1.234635353	1.19905559	1	1.0552793	1.178194597
	1.187981663	1.171510396	1	0.790093593	1.186303007	1.581135434
	1.239510458	1	1.771836883	2.135360231	3.027162323	3.31996299
	1.45507879	1.641475489	2.776202483	2.582135947	1	1.104061687
	1.359620515	1.74140548	0.942659855	1.111516306	1	1.067645228
	1.304056322	1.107932857	1.137608867	0.791245045	1	1.4496033
	1.369759496	1.542657395	1.100285365	1.677857249	1.61377508	
YDR198C	YDR198C::YDR198C::molecular_function unknown					
					1	0.893998207
	0.958552476	1.047138307	0.974331668	1	0.924975488	0.907859162
	1.143899751	1	0.694811393	0.786020974	0.807475506	1.004974045
	0.41740276	0.845059309	0.982789992	1	0.910718433	1.228262841
	0.901723746	0.887432471	1	1.03630409	0.993229568	0.910650785
	0.846100317	1.041732536	1	0.771362257	0.906700623	0.696378616
	0.760164062	0.673616682	1	0.770552762	0.741722099	0.799297049
	0.757621609	0.951803299				
YNL112W	YNL112W::DBP2::ATP-dependent RNA helicase of DEAD box family					
						1
	0.991378184	0.422589614	0.809408522	0.580373757	1	0.776503787

0.671977014	0.917207251	1	0.496754392	0.191249625	0.563201605		
0.790089261	1	0.154045073	0.13418036	0.042274302	0.08352776	1	
0.409874949	0.121260192	0.069655635	0.250940248	1	0.70418194		
0.264858877	0.472615211	1.069946613	0.730008105	1	0.580188452		
0.350375187	0.253979933	0.417741685	0.883675883	1	0.627453616		
0.334567585	0.559369743	0.913581952	0.2741299	0.586668095			
YBR028C	YBR028C::YBR028C::molecular_function	unknown	1	1.144780726			
1.359457518	1.212853411	1.347305608	1	1.17291629	1.137202862		
1.409830964	1.114998968	1	1.066957583	1.046537365	0.961723882		
1.23383807	1	0.805088307	0.923645299	0.765246853	0.984099503	1	
1.153619404	0.903809959	1.271337974	1.395966472	1	0.910159904		
1.053611931	1.118075638	1.178297416	1.033198093	1	0.707894466		
0.694216545	0.932267253		0.919659453	1	0.626406405	0.625792491	
0.730708482	0.661965271	0.65629036	0.980698884				
YDR200C	YDR200C::VPS64	1	0.86936472	1.009938723	1.24010218		
1.18151558	1	1.080147825	1.178471826	0.969331734	1.010532883	1	
0.971759146	1.081979961	0.818866873	1.192990802	1	1.138824847		
0.907247141	1.122469088	1	0.998038018	0.92407707			
1.050177571		0.674810261	1.059257298		1.085710217	0.976054835	
0.896312886		1.205823771	1	0.804497158	1.153654234	0.77804478	
1.35690717		0.783683463					
YNL126W	YNL126W::SPC98::Involved in microtubule organization by the SBP	1					
0.717678389	0.534339833	0.839269648	0.684596461	1	0.821492937		
0.850317549	0.617096606	0.593380166	1	0.645905272	0.52487645		
1.057787668		1.410034727	0.611439231	0.843510282	0.874690133	1	
0.753740393	0.648133984	0.635749538	0.704949871	1	0.848703205		
0.721157809	0.919961218	0.972738764	1.030107564	1	0.663661973		
0.532271661	0.600340074	0.787178228	0.545006694	1	0.778269396		
0.779286718	1.036825658	0.485731937	0.941176469	0.723265402			
YBR042C	YBR042C::YBR042C::molecular_function	unknown	1	1.500997283			
1.344381722	1.260922438	1.46870445	1	1.396434975	1.390720301		
1.339076346	1.39016301	1	1.221900542	1.3935865	1.221032092		
1.219985935	1	1.029345129	0.891202224	0.628303351	0.892379707	1	
1.030553523	0.556312006	0.387169329	0.690013371	1	0.988167413		
1.07038324	0.996096201	1.034817905	0.998888935	1	0.889749931		
1.1026322	0.795710594	0.75942558	0.911174613	1	1.090765274		
1.04828585	1.088524427	1.308809918	0.865760456	1.519207653			
YDR202C	YDR202C::RAV2::Regulator of (H ⁺)-ATPase in Vacuolar membrane						1
0.881796873	1.310969585	1.045827862	1.563652444	1	1.049332958		
1.041931566		1.263121192	1	1.036909278	1.310100235	1.58450755	
1.060878044	1	1.674826564	1.30910218	1.648905529	2.142710079	1	
1.726556184	2.416287657	2.978594771	1.389822603	1	1.442629618		
1.779390936	1.294455585	0.987120231	1.490044786	1	1.330098866		
1.73129462	2.552184447	1.591645621	2.70361723	1	1.422059146		
1.361630301	0.675449635	1.472741456	0.793650016	1.190848653			
YNL128W	"YNL128W::TEP1::Similar to human tumor suppressor gene known as TEP1, MMAC1 and PTEN1"	1	1.109631995	1.220128158	1.222965093	1	
0.899980249		1	1.023373116		0.786643649	1.031797781	1
0.440534123	0.849867703	0.858854454	1.110163945	1	1.771928141		
3.724808355	2.645277931	1.448505393	1	0.663119884			
0.690269435	0.899430573	1	0.982366603	0.91601	1.030254922		
1.41094019	1		0.315768604		1.238132366		
YBR044C	YBR044C::TCM62::mitochondrial protein; (putative) chaperone	1					
0.940904768	0.993897204	1.081229941	1.031886392	1	1.060376912		
1.011487793	1.068148433	0.926511563	1	1.058383687	1.041215048		
0.933674258	1.004831115	1	0.971471937	0.829427154	0.718655978		
0.843921022	1	0.99208023	0.929738696	0.839024426	0.863319423	1	

0.96726605 1.179072006 1.151190151 1.243088511 1.098558769 1
 0.985759919 0.658391074 0.865341725 0.85184443 0.696748572 1
 0.782039162 0.557057125 0.683866504 0.542207951 0.85673106 0.637454259
 YDR204W YDR204W::COQ4::Involved in ubiquinone biosynthesis. 1
 1.112471123 1.26973736 1.194848876 1.054980675 1 1.191100758
 1.192359703 1.189517288 1 1.235166865 1.568031679 2.26753072
 1.092641319 1 3.348829333 3.132428667 3.770765891 2.481801591 1
 1.815893452 2.134078001 2.948511374 1.757264485 1 1.180380113
 1.356272279 1.658728805 1.187441742 1.181219967 1 1.01309825
 1.405959214 2.004719313 1.189776843 0.829177334 1 1.044691629
 1.040309113 1.064091435 0.849489023 0.988836654 1.010470134
 YBR046C "YBR046C::ZTA1::Zeta-crystallin homolog, has similarity to E. coli
 quinone oxidoreductase and human zeta-crystallin which has quinone
 oxidoreductase activity" 1 1.104887352 1.111243487 1.130940715
 1.165865388 1 1.110901758 1.091368606 1.160616026 1.167791626 1
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 0.986945767 0.934244201 1 1.007978375 1.140142922 1.252797562
 1.19861327 0.800957269 1 1.435490262 1.784494386 2.08772118
 1.51948275 1 0.657728655 0.96092242
 YDR206W YDR206W::EBS1::EST1-like bcy1 Suppressor 1 1.069281715
 1.010074164 1.415725811 1.085903543 1 1.246674054 1.212376157
 0.986062797 1.054401447 1 0.902497522 0.866686117 0.68248416
 1.098726386 0.625101354 1 0.441967361
 1 0.783756089 0.764944295 0.884555886 0.902690462 1.025740404 1
 0.840825069 0.44160865 0.855623601 0.746394125 0.505842798 1
 0.747055227 0.510904995 0.907314987 0.838196763 0.700658465 0.833594067
 YBR048W "YBR048W::RPS11B::Homology to rat S11, human S11, and E. coli S17"
 1 1.256503334 1.222913005 0.792450695 1.08242216 1 1.056429037
 1.13013137 0.894380737 0.903640544 1 1.000060599 0.86845417
 0.848970931 0.749737037 1 0.969319751 0.31413065 0.230261902
 0.517275418 1 0.947157931 0.73765536 0.444477236 0.72092402 1
 1.335034527 0.836334861 0.914049105 1.305515684 1.174863507 1
 1.142190411 1.113198066 0.638498526 1.634002242 1 0.910927832
 1.071738498 0.697508238 1.60269356 0.608966641 1.12430125
 YDR208W YDR208W::MSS4::Involved in actin cytoskeleton organization;
 multicopy suppressor of stt4 mutation 1 1.87535061 1.774241428
 2.062302342 1 1.668075662 1.776819663 1.72192921 1
 1.415621819 1.55915854 1.503787433 1.95380005 0.445354106
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 0.942161678 0.843814558 1.0296394 0.888870092 0.853733421
 YBR050C YBR050C::REG2::Possible regulatory subunit for the PP1 family
 protein phosphatase Glc7p 1 1.218451923 1.38457583 1.233673161
 1.250856405 1 1.340411149 1.345130814 1.341310066 1.486051903 1
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0.700424122 0.72114032 0.556687289 1 0.859875381 0.684099853
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 YBR066C YBR066C::NRG2::homologue of NRG1 1 1.788031944
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 1.593562786 1.156870681 1.505266181 0.958808305
 YBR068C YBR068C::BAP2::contains 12 predicted transmembrane domains 1
 1.17513836 0.845546024 0.94531605 0.509833279 1 0.952619097
 0.934384912 0.69401381 0.585675512 1 2.114665274 1.191508373
 0.582227563 0.649627675 1 0.744946955 0.64670579 0.501188025
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 0.753278733 0.962719406 0.920630676 0.743172 1 0.788016285
 0.468658755 0.490052018 0.336570565 0.095630613 1 0.843986146
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 0.686038458 0.400726716 0.591762855 1 1.347080711 2.37924502
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 0.974884576 1.0027281 1 0.853628241 0.909032803 0.847752123
 1 0.955652258 0.928124613 1.071076156 1.197487096 1.076280196
 0.794190973
 YMR286W YMR286W::MRPL33::essential for mitochondrial function 1
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1 1.134191015 0.936023495 1.69936776
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 YNL132W YNL132W::KRE33::Killer toxin REsistant 1 0.900088516
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 0.657455022 0.578819826 1 0.709984495 0.373204413 0.999379673
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 6.091209713 8.341113997 4.409426035 1 3.097311313 7.547722014
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 6.941721483 0.789098566 1.121157088 4.094417928
 YNL136W YNL136W::YNL136W::molecular_function unknown 1
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 0.951521948 1 1.052163224 1.055694779 1.093860886 1.176451184 1
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 1.38058165 0.909654246 0.793994881 0.904912754 1 1.072501289
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 0.994268906 0.655059635 0.788374437 0.657354042 0.708830129 1
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YBR070C YBR070C::YBR070C::not yet annotated 1 1.125991165 1.180205308
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0.960300006 1.501090658 1 1.115649293 1.30063142 1.290559057
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YBR072W YBR072W::HSP26::heat shock protein 26 0.491283499
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0.511160361 0.598161925 0.477215095
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stationary phase 1 0.957886706 0.894704361 1.607364886 1.291399363 1
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1.461965613 1.727074524 1.828029849 0.971653241 0.966967435 1
1.064552281 1.21148548 1.57587811 1.824306198 5.274632391 1
2.008921198 2.277293885 1.532613199 1.399024375 3.564927776 1.876462133
YBR076W YBR076W::ECM8::ExtraCellular Mutant 1 1.229152309 1.309841546
1.005665156 1.607541189 1 1.034925009 0.960080157 1.49360927
1.304099541 1 1.025277932 1.153860261 1.186205511 1
0.854074598 0.491640435 0.396781294 1.024565494 1 1.316653198
1.253293165 0.712450908 0.903554308 1 0.98084322 0.805908476
0.723020788 0.906699512 0.867969157 0.842181958 0.896312886
1.319056427 1.05015131 1 0.860634022 1.469267016 1.329217245
1.480063037 1.493981668 1.142689274

YBR089W YBR089W::YBR089W::molecular_function unknown 1 1.350035376
1.407339616 1.51915259 2.042659056 1 1.427388658 1.361396972
1.722424643 2.092303731 1 1.195905095 1.671711855 1.885474198
3.051486292 1 0.462553016 0.360191469 1.32339912 1
0.523960423 0.410393115 0.505026851 2.014626603 1 0.862436113
0.856566568 0.745232847 0.861695529 1.064208256 1 0.888301957
1.268038896 1.065303506 0.913153547 1.092354763 1 1.112292117
1.14816208 0.968069933 1.437005581 1.494405546 1.308182219
YBR090CA YBR090CA 1 1.594669311 2.011794101 1.338731666 2.027224772 1
1.255726663 1.477253965 1.800871198 1.741355711 1 1.738687129
2.351233922 1.128581146 1 0.628241523 0.576615306 0.440331924
1.022406531 1 1.983815682 3.111819855 2.238581817 2.060766448 1
1.333180556 1.434414339 1.074024977 0.990803216 1.108162857
1.098751807 2.294093998 1.231608337 0.89322661 1.602661078 1
1.260813434 1.557340624 1.33189145 1.664261327 1.545013456 1.619028756
YMR006C YMR006C::PLB2::Phospholipase B 2 1 1.03779687 0.623345842
0.919426662 0.655107517 1 1.076275475 0.939338351 0.625999953
0.746525388 1 0.993349207 0.63032005 0.42225117 1.038684919 1
0.780905815 0.43445485 0.540692614 0.376608269 1 0.442733884
0.400124648 0.397452656 0.443158163 1 1.78422744 1.412865099
1.266482858 2.636745393 1.094437358 1 1.044581794 1.317029295
1.511937976 0.94179227 0.985056198 1 1.227268874 1.423483232
1.222858212 1.689942084 0.463537235 0.912400256
YBR092C "YBR092C::PHO3::Acid phosphatase, constitutive" 1 1.165498902
0.726686396 0.94309068 0.641812841 1 1.045704306 0.872817915
0.828397102 0.771234726 1 0.709373703 0.600916457 0.33786435
0.512018465 0.885110893 0.628329095 1 0.292143051
1 0.831672494 0.54672536 0.578486922 1.205282542
0.718543822 1 0.706037463 0.664797752 0.29380223 0.551342627
1.126506298 1 1.024479828 0.929149294 0.967894724 1.688155699
0.737569545 1.036738829
YOL053CA YOL053CA 1 1.909997365 3.988211677 2.878005309 5.523316424 1
2.112218673 3.011205286 4.702790449 5.276188988 1 1.958271154
3.313319121 18.43333439 3.832326178 1 3.226005343 5.64828864
11.79295547 13.29741683 1 2.388377448 10.33988846 18.80156846
5.575845804 1 1.252566268 1.942191666 1.540223319 1.005659346
1.059612849 1 1.211381774 1.501883064 1.874081566 1.447215889
1.478516571 1 1.431904388 1.337842809 1.252570542 1.395636286
2.24627091 2.372941073
YBR094W YBR094W::YBR094W::molecular_function unknown 1 1.093270949
0.92700616 1.111900923 1.027761979 1 1.152649213 1.033755349
1.036784053 0.935861739 1 1.022011601 0.934558549 0.791202741
1.172481174 1 1.071737283 0.714161714 0.884020732 1.253206185 1
0.535252582 1 1.017436802 1.023849919 1.165083479
1.02910518 1.119700568 1 1.166817097 0.978603536 0.773567198
1.104227126 0.903710002 1 1.064274389 0.996093667 1.190883996
1.116547577 0.925581793 0.745156034
YBR096W YBR096W::YBR096W::molecular_function unknown 1 1.645645744
1.447679102 1.289591523 1.80589543 1 1.380939727 1.301791573
1.682219806 1.432953672 1 1.115850416 1.727064044 2.101659092
1.22578829 1 1.614293766 1.408864128 1.375846901 1.814484312 1
1.200137288 1.607495277 1.488831341 1.07612784 1 1.160099364
1.163078137 1.133082946 1.042314276 0.930879457 1 0.825294736
1.221087228 1.039900768 0.74747898 1.01073326 1 0.955173383
1.295533774 1.135616784 1.344671753 1.447297718 1.390490964
YBR098W YBR098W::MMS4::endonuclease 0.970254141 0.94066364
1.235551351 0.897714569 1.071494268 1.151104312 0.824137532

0.888381651 0.956066155 0.974157361 0.629857044 0.932976526
0.984908215
0.959057893 0.863828749 0.876477705 1.073610364 0.993093197
1.207287701 1.5452408 1 1.19525656 1.286785301 1.206495253
1.039999138 1.179175093 0.850230918

YLL018CA YLL018CA::COX19::cytochrome oxidase gene 19. Clone containing this region complements respiratory deficient mutants of group G188 (Dr. A. Tzagoloff). Defect affects specifically cytochrome oxidase activity in mitochondria.

1 0.695009814 0.524755753 0.352619336 0.574798822 0.733117534 1
0.718220179 0.638619822 0.419638895 0.692529084 1.662220078 1
0.751620451 0.712017209 0.693451002 1.431941518 2.210932197 1.401873981

YNL174W YNL174W::YNL174W::molecular_function unknown 1 0.578332125
0.478107854 0.560851169 0.647720436 1 0.504787357 0.479602456
0.497871576 0.621483403 1 0.527830788 0.286430575 0.764677676 1
0.340479672 0.101102776 0.185409774 0.297282302 1 0.708442569
0.623115172 0.654833816 1 0.889398671 0.787389831 0.7735461
1.082249275 1.012024208 1 0.937525595 0.564658548 0.61227556
0.910261446 1 1.00323478 0.732680188 1.189497425 0.901159956
0.739164205 0.794190973

YNL176C YNL176C::YNL176C::molecular_function unknown 1 0.725885876
0.606620616 0.799722352 0.693588322 1 0.853257899 0.852147904
0.571937291 1 1.187007579 0.845921442 0.514933768 0.854002628 1
1.077210444 0.822522549 0.885590782 0.584242107 1 0.883501781
0.712736194 0.769129992 0.74928081 1.814605028 1.713786651
1.145709627 1.312777443 0.998974396 1 0.904712157 0.853902831
0.89206683 0.841301881 0.660298228 1 1.141676128 1.125576071
0.944935977 0.559656168 0.906104927 0.688240476

YNL178W "YNL178W::RPS3::Homology to mammalian S3. The AP endonuclease activity of Rps3p is affected by pH, KCl, and beta-mercaptoethanol, but not Triton X-100 or EDTA." 1 1.386514228 1.164367831 0.945392161 1.583675672 1
1.049682703 0.971714728 1.289399159 1.409322103 1 0.877656506
0.954454069 0.671973275 1.149425641 1 0.900245522 0.443006177
0.246759688 0.601899202 1 1.758069568 0.779929815 0.394443933
0.961083754 1 1.077810786 0.974187844 1.033668309 1.237218974
1.071190875 1 1.236203178 1.659325228 0.944707884 0.616882518
1.36285987 1 1.649993808 1.720083616 1.187332572 2.53526411
1.643570572 1.330948463

YNL180C YNL180C::RHO5::Rho family of small GTPases 1 1.218040797
1.350170824 1.199808252 1.327163016 1 1.285524379 1.340692815
1.196389449 1.28457954 1 1.519852205 1.006653901 1.094614315
1.263524126 1 1.639137006 1.460223211 1.155658999 1.193430532 1
1.636812193 1.482614396 1.369651628 1.428274458 1 1.425611999
1.244069382 0.811638576 1.108736587 1 1.141078427 1.325491377
1.209337324 1.377220949 1.516843525 1 1.395381976 1.240606117
1.527051763 0.885361141 1.629597717 1.234629811

YNL182C YNL182C::YNL182C::molecular_function unknown 1 0.805772943
0.431377864 0.790237313 0.523055021 1 0.637959379 0.544764592
0.600516383 0.799880177 1 0.424700786 0.263467226 0.26265974
0.876585972 1 0.369272879 1 0.373725819
0.205185832 0.502197505 1 0.681608792 0.497140803 0.619435717
0.816680528 1 0.603638569 0.600375266 0.463773763 0.936708606
0.876465358 1 0.574279809 0.521012972 0.97094529 0.604318369
0.41742307 0.717136061

YNL184C YNL184C::YNL184C::molecular_function unknown 0.967791598
1.032907932 0.88009312 0.818452127 0.885295886

0.977591483	0.887345154	0.979445941	1.313468129	0.918291705	1	
0.78317032	0.887885051	1.0982944	1	1.077272053		
1.048538975	0.992515804	1	1.154111111	1.155431577	1.235790726	
1.217323877	1	0.798218308	0.983378523	0.674944407	0.919048639	1
0.919776016	0.87620069	0.868457094	0.636685275	0.81673103	0.950927634	
YNL198C	YNL198C::YNL198C::molecular_function unknown				0.833581282	
0.825643077	0.820376022	0.967371702	0.874312076			
0.883425537	0.84635369	0.893770895	0.590125824	1.410723134		
0.547261008	0.992819797	1.01242753	0.693150707	1	0.724001214	
1.245239137	0.557617708	0.817658812			0.751682562	
1	0.80298778	0.741877197	1.043482643	1		
0.670954577	1.272264529	0.81638696				
YBR112C	YBR112C::CYC8::General repressor of transcription (with Tup1p); mediates glucose repression					1
0.954938808	1	1.119524783	1.083041249	1.087794212	0.921534157	1
1.011494745	1.038468039	0.877783208	0.874170076	1	1.023620602	
0.84351706	0.749497183	0.952569881	1	0.808911308	0.914911031	
0.570351888	0.841428066	1	0.694050748	0.683281489	0.687305502	
0.604679419	0.969859549	1	0.898224999	0.819587794	0.670825028	
0.718194079	0.784311634	1	0.870481868	0.818292246	1.139188279	
0.970390825	0.858398965	0.961435195				
YNL200C	YNL200C::YNL200C::molecular_function unknown				1	1.276253617
1.49704989	1.427576682	1.490602943	1	1.348835606	1.57893461	
1.516218746	1.626436247	1	1.680658198	2.482781132	4.999689265	
2.016521408	1	3.805283391	4.306657065	5.127195251	3.633395468	1
3.119394364	2.506785566	3.712394153	2.664226556	1	1.200922074	
1.657840164	1.863765635	1.12502111	1	0.999892954	1.48785263	
2.736910017	2.154180092	1.523118367	1	1.645225723	1.900014286	
1.686375423	1.392846133	3.497155134	1.136559933			
YBR114W	YBR114W::RAD16::Nucleotide excision repair protein with DNA helicase domain of Snf2p family					1
1.084939909	1.112092826	1.038731293	1.031646333	1	1.068893587	
1.224228501	0.859238509	1.038853819	1	1.611420772	1.37031524	
1	0.674973469	1.271331872	1	0.912786631	1.042081676	
1.076164572	0.9993352	0.987153612	1	1.288415398	1.038660904	
1.039448188	1.263928872	0.864019012	1	0.989096474	1.001816788	
1.134269291	0.853741463	1.156818311	0.871245884			
YNL202W	YNL202W::SPS19::late sporulation specific gene which may function during spore wall formation					1
1.30030651	1	1.146637147	1.228366463	1.597475009	1.785122429	1
1.091198651	1.603827081	2.770691891	2.005570634	1	1.123472243	
2.430005408	2.188137949	1	1.531217265	1.716265405	3.283618442	1
0.689257649	0.727235584	0.713124783	0.986106509	0.85177769	1	
0.650972366	0.771010572	0.82608573	1.106571021	1.410248011	1	
0.620169751	0.757403088	1.141287871	1.070786264	1.144078575	1.213614897	
YBR116C	YBR116C::YBR116C::molecular_function unknown				0.592249055	
0.750481039	0.676478351	0.829186746	0.504873571	0.632668005		
0.863886973	1.344343257	0.405092347	0.527800797	4.115689539		
0.861510315	0.169390309	0.227598103	0.664909877	1.067232055	1	
0.859914793	1.75739406	3.35443498	0.818284146	0.893709385		
1.109337998	1.373859489	0.75784262	1	0.754378591	1.221791757	
1.297940817	1.231908197	1.952320202	1	0.873651465	1.134872278	
0.963598241	1.120006167	1.090151884				
YNL204C	YNL204C::SPS18::sporulation-specific protein					
0.994188143	0.91729393	0.904413791	0.760080313	0.960610532		
0.95652809	0.783660771	0.898001709	0.858896027	1		
0.502088657	1.31955625	1.346900852	1	0.798347866	2.051136303	

	1.057120678	0.906141508	1	0.893118174	1.006699296	1.306163369		
	1.338077157	1	0.847402076	0.682917005	1.001147625	1		
	1.141676158	1.335841487	1.649174582	1.081197854	1.609032343			
YBR118W	YBR118W::TEF2::translational elongation factor EF-1 alpha						1	
	1.232889391	0.833655993	1.003252421	0.885524916	1	1.246562008		
	1.054696145	0.787314988	0.965820611	1	0.941990943	0.856350014		
	0.614375521	0.856948273	1	0.910079591	0.697611974	0.647528582		
	0.892939292	1	0.838411859	0.379558407	0.242513783	0.662482737	1	
	0.811334885	0.75697503	0.9152621	1.209705833	1.185619227	1		
	1.939998805	0.970868289	0.875988537	0.63982332	0.57927294	1		
	1.00591703	0.90754993	0.831623125	1.028625294	1.041463487	0.795066585		
YBR120C	YBR120C::CBP6::Translational activator of COB mRNA							
	0.677207865	1.045434904	0.949305928	1.417547067		0.825716473		
	0.903968401	1.355454543	1.201855255		0.708911615	0.881078266		
	1.263219811	0.865426279	1	0.976517278		0.700113141	1.233613259	
	1.628118864	2.303027161		1	0.629925257	0.834831925		
	0.424348183	0.632268725	0.768760055	1	1.028518556	0.987409823		
	1.162644267	1	1.031336526	0.925444873	1.184715107	1.529468315		
	2.497706706	1.316938451						
YBR122C	YBR122C::MRPL36::Mitochondrial ribosomal protein MRPL36 (YmL36)						1	
	1.265209622	1.377780967	1.318253372	1.610367605	1	1.119497822		
	1.17385332	1.653647798	1.489909018	1	1.065161013	1.34807666		
	1.561504123	1.338402624	1	1.713896323	1.353518599	1.227370489		
	1.830397015	1	1.71192906	1.554794415	2.022956188	1.583021281	1	
	1.036609599	1.378096999	0.814621138	0.837648219	1.078772033			
		0.804550532	1.443160578	1	1.370273431	1.544423978	1.122778856	
	1.354214358	1.752346442	1.088400659					
YBR136W	"YBR136W::MEC1::Required for mitotic growth, DNA repair and mitotic recombination, regulates phosphorylation of Rad53p, required for dmc1 arrest and meiotic recombination"						1	
	1.186094405	1.08824455	1.480297299	1.518562194	1	1.259842215		
	1.308106334	1.274695585	1.285562459	1	1.225080391	0.819812458		
	0.520678372	0.815407726	1	1.754200265	1.451850433	0.677948288		
	0.910511082		0.882194755	0.892788996	1.158843877	1.053906297		
	0.914769604	1	0.919186901	1.139224555		0.917483363	1	
	1.12355426	1.153449186		1.588364587	1.331301924			
YBR138C	YBR138C::HDR1::High-Dosage Reductional segregation defective. Converts reductional segregation to equational when borne on a 2um plasmid						1	
	1.34043403	1.475563619	1.544640692	1.561409997	1	1.335678851		
	1.504900961	1.727489682	1.565317946	1	1.398315035	1.88548108		
	2.273997358	1.311231138	1	1.595650038	1.537640785	1.588009848		
	1.512534715	1	1.90676202	2.876078664	4.323712362	1.731584339	1	
	0.964337941		0.867455602	0.764692507	0.945749935	1.065061081		
	0.979705939	0.681548391	0.939412016		1	1.275852497	1.268881778	
	1.211376261	2.264928977	1.083146878					
YBR140C	"YBR140C::IRA1::Inhibitory regulator of the RAS-cAMP pathway, negatively regulates cAPK by antagonizing CDC25"						1	1.356930826
	1.309850084	1.277344503	1.222799255	1	1.324822195	1.414827878		
	1.446392894	1.34450205	1	1.141986946	1.350061328	1.307575297		
	1.048317069	1	1.018738579	0.928346156	0.731576654	0.642442437	1	
	0.85095206	0.993936041	0.780426158	0.794644512	1	0.901394932		
	0.962349235	1.010773845	1.091884024	1.058064218	1	0.860336876		
	0.850606896	0.591211145	0.820711878	0.687146147	1	0.938442787		
	0.786456134	1.012249323	0.985681074	0.886962026	1.068261305			
YBR142W	YBR142W::MAK5::Necessary for maintenance of dsRNA killer plasmids. Is predicted to encode an DEAD-box RNA helicase						1	1.169848623
	1.034600888	1.048694068	1	1.00968124	0.954157105	0.90501589		

0.975465752	1	0.810329883	0.794920705	0.546427526	0.919448414		
1.35419182	1.051872323	0.655226783	1	0.717539861			
1	0.867936808	0.612310072	0.696009561	0.825530089	0.882568258	1	
0.866216012	0.609318986	0.42225639	0.65760268	0.691179156	1		
0.874746269	0.799409611	0.863825116	0.997992883	0.678482518	0.797693476		
YHR110W	YHR110W::ERP5::Emp24p/Erv25p related protein 5				1	0.919897071	
1.243814611	0.966699529	1.520864009	1	1.045275822	1.052021667		
1.56265483	1.275246519	1	0.868613435	1.08607576	1.596089141		
1.440286503	1	1.209932504	1.002435449	0.922491043	1.601970877	1	
1.517035472	2.119505778	2.119747347	1.503336379	1	0.868893106		
0.776312768	0.928515142	1.302645322	1.077587009	1	0.673997609		
0.576662952	0.458443546	0.716962611	0.498493514	1	0.705044769		
0.64514677	0.971729911	0.801842691	0.695697733	0.961435195			
YHR112C	YHR112C::YHR112C::molecular_function unknown				1	0.824932804	
0.902351971	1.087738262	0.873639879	1	1.010163067	1.045944456		
0.99067865	1.202010463	1	0.910058912	1.258553644	1.272491711		
1.14826081	1	1.600452224	0.612685645	1.516174724	1.610035217	1	
1.193707256	2.046265713	1.324396957	1.354776405	1	0.85540538		
0.708150544	0.927879079	1.129460547	1.000624933	1	0.517757517		
0.621330083	0.412041164	0.634133251	0.60618942	1	0.893745411		
0.663070751	1.083280529	0.949875585	0.744715838	0.891385238			
YHR114W	YHR114W::BZZ1::Associated with Beelp				1	0.561051577	
0.796074278	0.724684318	0.581392656	1	0.760666781	0.80122262		
0.74832705	0.611284674	1	0.710422523	0.857598874	0.656895745		
0.758156693	1	1.247992558	1.060361131	1.403516543	1.475705826	1	
1.043435466	1.260033576	0.837883776	0.779914002	1	0.971876262		
0.844260405	1.433138114	1.111881717	0.821062505	1	0.717525006		
0.295930577	0.208480509	0.272411847	0.375336377	1	0.868138606		
0.362439247	0.56339663	0.682949958	0.634930249	0.855484646			
YHR116W	YHR116W::YHR116W::molecular_function unknown				1	0.975947589	
1.441212889	1.288441906	1.451490951	1	1.104809434	1.371018143		
1.339680745	1.317144777	1	1.255948227	1.158221256	1.735714662		
1.236335588	1	1.634249384	1.506948918	1.745793093	1.745707434	1	
1.2785442	1.379442132	1	1.205648225	1	0.787573248	0.988564393	
1.004374002	0.826151315	0.901911651	1	1.018538985	0.937901329		
0.896569239	1.00710978	1.804353242	1	1.007824482	0.719996709		
0.95492365	0.802891952	1.7064565	0.895763354				
YHR130C	YHR130C::YHR130C::molecular_function unknown				1	1.3028495	
1.392270683	1.26946948	1.717579044	1	1.106243354	1.082121104		
1.659650548	1.539584167	1	0.979188597	1.14036549	1.143676203	1	
2.111725724	1.809524552	1.47512265	1	1.018888772	1.267503135		
1.044834474	1	1.023723418	1.133124091	1.443188212	1.050448903		
1.066824385	1	0.874976024	0.542298032	0.727574857	0.795952606		
0.391596775	1	0.900246405	0.599391898	1.125666989	0.867238212		
0.981956809	0.87825089						
YHR132C	YHR132C::ECM14::ExtraCellular Mutant				1	0.859918924	
0.907602365	0.971676552	1	0.950222921	0.892034087	0.813828554		
0.921696653	1	0.848401271	0.968089124	0.824976362	0.875246141	1	
1.299157799	0.800537472	1	1.066062663	1	1.282502043	1.020856555	
1.238362683	0.795648752	1			0.291452163	1	
0.862094894	0.688106017			1.435116601			
2.568205269							
YHR134W	YHR134W::WSS1::weak suppressor of smt3				1	0.866441059	
1.154577595	0.842539701	1.363839178	1	0.948005712	0.893546286		
1	0.841032017	0.911017144	1.045705927	1.088107113	1	0.984560718	
0.844981279	0.762727111	1	1.635822277	3.15959646			
1.571857586	1	1.063691867	1.082498127	0.752480433	0.60054651		

0.895834661 1 1.128325032 1.427119294 1.552812036 1.498223897
 1.871981737 1 0.803902065 1.224188311 0.62128664 1.189360184
 0.604609775 0.472836979

YHR136C YHR136C::SPL2::Suppressor of *plc1*-delta. Isolated as a dosage suppressor of the temperature-sensitive phenotype of a *plc1* null mutant. Also suppresses the hyperosmotic-sensitive phenotype of the *plc1* null mutant. 1
 1.320686754 1.563942659 1.1808797 1.715977133 1 1.076646209
 1.27479927 1.81717023 1.394869199 1 1.052219648 1.229542153
 1.731208197 1.209824576 0.655728571
 0.552463152 0.347882872 1 1.289614053 0.974750101 1.423233733
 1.992201264 1.272779121 1 0.935232166 0.555057273 0.957321199
 1.21010282 0.421498825 1 0.824543902 0.519242921 0.655075959
 0.669924348 0.436221666 0.673354851

YHR138C YHR138C::YHR138C::molecular_function unknown 1 1.214551832
 1.59614307 1.016542493 1.633172261 1 1.236466215 1.401332706
 1.537588351 1 1.638637812 2.213293109 3.265050584 1.082870291 1
 2.237794191 2.462255408 2.721770179 3.682366237 1 3.149820523
 6.957453275 5.788532212 3.15149655 1 1.062346332 1.305019636
 1.024371542 1.132488497 1 1.333553348 2.065730057 2.278327421
 2.554314776 2.330530779 1 1.11929031 1.23947203 0.888445204
 1.345343958 1.279362729 2.176801317

YHR140W YHR140W::YHR140W::molecular_function unknown 1 1.195948343
 1.380719092 1.288733756 2.072499212 1 1.138712433 1.38240724
 1.9598833 1.762822286 1 1.397813468 1.90821234 3.600914596
 1.823099886 1 1.591234861 1.635518499 2.583365579 1.953681374 1
 1.882248256 1.422727718 3.362763187 1.910913377 1 1.056908169
 0.833377955 1.168477594 0.956252134 0.813741966 1 1.138720807
 0.675490287 0.888316483 0.785780412 0.412834693 1 1.05237543
 0.699164881 0.876610655 0.61381072 0.716892977 0.575284973

YNL206C "YNL206C::RTT106::Regulator of Ty1 Transposition - same phenotype as RTT101 - RTT105, disruption causes increase in Ty1 transposition. Isolated from the same screen as the other named RTT genes." 1 1.100497041 0.988072821
 1.158848727 1.171683074 1 1.033196167 1.022178929 1.009436706
 1.257621738 1 0.897017364 0.964221073 1.382311746 1
 0.987026588 0.89923503 0.770029323 1.127912795 1 1.03948865
 0.909252726 1 0.817202835 0.823819328 0.906954881 0.856808936
 0.935007202 1 0.928381756 0.847982175 0.876647819 0.979880867
 0.878273175 1 0.838983876 0.877115981 1.03053787 0.986421627
 0.903830817 1.128679366

YNL208W YNL208W::YNL208W::molecular_function unknown 1 1.092201893
 1.10927782 1.147208689 1.004414221 1 1.038279622 1.099181649
 1.599907181 1 1.006834957 1.327191321 2.360155273 1.729936075 1
 0.852762576 1.018831552 1.681533742 2.389360435 1 1.752097091
 1.962210271 3.208861215 3.346151159 1 1.163351364 1.27045534
 2.195466022 1.311561159 0.930639933 1 1.011395809 1.68237659
 3.035883271 1.995980887 1.235637022 1 1.20963301 1.53721093
 1.952904263 0.7575062 1.219544369 1.58663072

YNL222W "YNL222W::SSU72::functionally related to TFIIB, affects start site selection in vivo" 1 1.023728531 1.143850386 0.838990736 1.360101228 1
 0.880969378 0.831286287 1.209671212 1 0.908545618 0.99949379
 1.211943763 1 1.041521124 1.973762916 1.132471972 1.990076793 1
 1.693189068 2.412913763 2.498886527 1.258548132 1 1.063832614
 0.935405255 0.573381122 0.801341974 0.947420958 1 0.823487617
 0.906428127 0.952108909 0.802630164 1 0.994868894 1.109500498
 1.022795875 1.320650866 1.357625992 1.339704695

YNL224C YNL224C::YNL224C::molecular_function unknown 1 0.695120992
 0.75139364 1.033029066 0.814229475 1 0.968546559 0.952675573

0.77049451	1	0.830022996	0.906756549	0.654282246	1.247904206	1
0.487272086	0.57074147	0.697065934	0.615026868	1	0.765611315	
1.055949897	0.986922856	0.844685344	1	1.007913148	1.131411846	
1.204683429	0.970929876	1.14717548	1	1.070837899	1.811882064	
1.428296453	0.970958261	1	1.289635349	1.382632372	0.557468534	
0.977992771	0.888758347					
YNL226W	YNL226W::YNL226W::molecular_function unknown				0.864363501	
	1.10231914	1.180459829	1.297155383	1.535153168		
0.870466307		1.608478934	1			1
0.859275071		1.005768993	0.761221082			
1.018032704	1	0.772590903	0.942745107			1
	1.036753396	1.464692588				
YNL228W	YNL228W::YNL228W::molecular_function unknown				1	0.49321059
0.834140785	0.701999413	1.1123994	1	0.614632034	0.598004776	
1.210390077	1	0.5795209	0.548195865	0.698308997	1.15003644	1
0.464092039		0.608457675	0.865586641	1	0.782937029	1.361673955
0.809976829	1.092368837	1	0.576418708	0.476812294	0.511633183	
0.94647322	1	0.722963078	0.867180707	1.690872256	1.694104495	1
0.775277772	0.834114671	0.430626852	1.226612929	0.723265402		
YNL230C	"YNL230C::ELA1::similar to mammalian elongin A, interacts with elongin C"				1	0.740119914
0.858893442	0.633842234	0.603764539	0.573110636	1	0.740119914	
1	0.6733572	1	0.972272802	1.023141579	0.790357881	
1	0.494017027	0.585592533	1.109315742	0.797830058	1	
2.228655772	1.216349501	0.952182946	1	1.198392035	1.074194594	
1.25140513	1.086383533	1.099132012	1	0.790892874	0.918376839	
1.299181818	0.935207459	1.06450549	1	0.90472449	1.1208791	
1.137695691	0.288982437	1.266272938	0.739902305			
YBR144C	YBR144C::YBR144C::molecular_function unknown					
0.941478941			1.150082601	1.118840474		
	0.87521616	1	0.450805308	0.727438675	0.768892653	
0.308504238	0.625084438		1	0.968730158	0.999358899	
1.046012311	1.168799115	0.845528063	0.973620815			
0.884270796	0.856752113	0.861680253	0.970745315	0.784618415		
1.299954067	0.977196433					
YNL232W	"YNL232W::CSL4::Represses the replication of double-stranded RNA viruses, protecting the host from the otherwise lethal effects of the virus"				1	
0.617816725	0.594556223	0.647785004	0.670218608	1	0.620918142	
0.593732323	0.834502643	0.858174689	1	0.549274264	0.490351188	
0.56835948	0.844420394	1	0.677093099	1.260119413	0.586823051	1
0.797322973	0.968416598	0.717029094	0.662284352	1	0.912311576	
0.733127698	1.136861817	0.994911424	1.015629433	1	0.780434214	
0.603366297	0.614502497	0.819647631	0.811293784	1	0.807824731	
0.725031394	1.052029856	0.905816088	0.927591641	0.981574549		
YBR146W	YBR146W::MRPS9::Probable mitochondrial ribosomal protein S9				1	
1.444786582	1.487326675	1.503946386	1.988870558	1	1.32242545	
1.492788009	1.589872286	1.552467547	1	1.156955004	1.241120331	
1.23808258	1.219010008	1	1.133974455	0.598935131	1	
1.086542939	1.607329033	1.881930898	1	1.030461196	1.163621237	
0.9403882	1.000365518	0.888134987	1	1.143569832	1.456370792	
0.776187059	0.814052514	1.702458817	1	1.305396431	1.353921748	
0.92678978	1.277353609	1.925585077	1.130430592			
YNL246W	YNL246W::VPS75				1	
0.87284325	1	0.992459109	1.048262716	1.024635726	1.100199583	1
0.969634963	0.893977198	1.074844532	0.938771	1	0.608413309	
0.451425305	0.525915749	0.670469958	1	1.203357215	1.147756814	
1.299750376	1.008678572	1	0.813911848	0.903517115	1.020613882	
0.996510786	0.914431228	1	0.874858139	0.764790915	0.781248467	

	0.88612124	0.685409375	1	0.969082275	0.693426754	0.902563602	
	0.483318448	0.885963393	0.598051217				
YNL246W	YNL246W::VPS75	1	1.154367538	1.159984569	0.963120666		
	0.950317922	1	1.135092875	0.986858373	1.059758273	1.173723378	1
	0.956058289	0.909003891	1.17773209	1.008657769	1	0.527228579	
	0.436116659	0.649306736	0.924845611	1	1.22149327	1.110372051	
	1.112726997	1.350146085	1	1.36314763	1.195174453	1.413223569	
	1.492977187	1	0.913845321	0.905452414	0.706944162	0.977152545	1
	0.78288954	0.881568471	0.867419619		0.731659547	1.058629408	
YBR160W	YBR160W::CDC28::Catalytic subunit of the main cell cycle cyclin-dependent kinase	1	1.184216979	1.256480998	1.143232046	1.511915405	1
	1.190456491	1.168834032	1.438433689	1.248033037	1	0.962984308	
	1.09080465	1.481294921	1.481014524	1	0.969974214	0.881859339	
	0.841231473	1.398053546	1	1.322451546	1.270256282	0.928930362	
	1.507970645	1	1.206899295	1.321530458	1.151044495	0.938641457	
	1.044244639	1	1.111183675	1.205173057	1.412632201	0.938683188	1
	1.024626353	0.983664488	0.891659818	1.016585	1.245962275	1.182967981	
YNL248C	YNL248C::RPA49::49-kDa alpha subunit of RNA polymerase A	1					
	0.849549687	0.593193896	0.768436608	0.721512093	1	0.722276745	
	0.629044939	0.866317164	0.834615309	1	0.624708401	0.398068254	
	0.352944122	0.839667708	1	0.174973077	0.231482942	0.345365405	1
	0.39904761	0.412890611	0.327496198	0.490463416	1	0.788940481	
	0.56369612	0.68058362	0.943598189	0.681994724	1	0.706233762	
	0.614036095	0.405730306	0.804114158	1.046652152	1	0.726975432	
	0.575034053	0.745808092	0.963632367	0.466428026	0.726767905		
YBR162C	YBR162C::TOS1::Target of SBF	1	1.175083161	0.73865736			
	0.810713514	0.760153589	1	0.946164747	0.873275844	0.776114922	
	0.845252854	1	1.110982776	0.692853922	0.473302878	0.767162388	1
	1.161751906	0.751125339	0.690591414	0.427019712	1	0.384125592	
	0.313073232	0.189566594	0.308701475	1	0.927731087	0.754320462	
	1.100382693	1.448036347	0.669564505	1	0.668156363	0.747424413	
	0.910864366	0.574536344	0.363030506	1	0.883207902	0.727301204	
	0.840659699	1.030194533	0.715397716	0.641832375			
YBR163W	YBR163W::DEM1::weak similarity to Ptalp (pre-tRNA processing protein)	1	1.089374299	0.964446453	1.275583384	1.15777597	1
	1.148387361	1.123902634	0.949167942	0.977710903	1	0.939347712	
	0.891547969	0.671790619	1.106103342	1	0.982967773	0.910658972	
	0.779167384	1	0.918646163	0.53852989	0.558833902	1	
	0.912194998	0.789073417		0.949180898	1.038859167	1	
	0.884886516	0.871829139	0.703348916		0.905611962	0.857400439	
	0.84562239		0.952907493	0.844977137			
YBR165W	YBR165W::UBS1::General positive regulator of CDC34; Suppress some cdc34 mutations when over-expressed	1	1.286905303	1.281483603	1.268173994		
	1.343092264	1	1.203840104	1.129841185	1.713348558	1.258759257	1
	1.028614765	1.262846446	1.271869283	1.280880665	1	1.122999005	
	1.121929989	1.223993216	1	1.298292491	1.684552008	1.373520032	
	1.101863191	1	1.006793716	0.956877441		1.169192359	
	1.20417112	1.019867787	1.080396684	0.885836923	0.950622986	1	
	1.25665973	1.229429492	1.204895392	1.233819477	1.308747208	1.141813714	
YBR167C	YBR167C::POP7::Processing of Precursors	1	1.234515096				
	1.804669023	1.248025714	2.157186788	1	1.16162899	1.175030479	
	1.66957188	1.717786151	1	1.305187826	1.439357377	1.67429067	
	1.293086073	1	0.85710785	0.848253643	0.808566716	1.620895608	1
	1.819025836	2.657651389	1.901444797	1.261754705	1	0.760297335	
	0.742790759		0.915545346		0.783580654	1.232847352	
	1.255714632	1.319980179	2.507347903	1	0.891135531	1.120677142	
	1.446750577		1.510451421				

YBR169C "YBR169C::SSE2::HSP70 family member, highly homologous to Sselp" 1
1.297814662 1.487483463 2.355001269 1.635021373 1 1.948645593
2.346691002 1.504578056 1.627767079 1 1.533613363 2.209681467
2.944128902 1.798374665 1 4.670515286 5.0226226 6.644617585
2.360280939 1 1.16494939 1.628116268 1.257983406 1
1.206815179 1.536686934 1.329588123 0.867763367 0.979058573 1
1.636252892 1.078388196 2.294738524 1.474695549 1.156210196 1
1.582368314 1.525080464 1.136723952 1.067505954 3.038209282 0.754787878
YBR183W YBR183W::YPC1::Yeast Phyto-ceramidase 1 1.814714642
1.878649498 1.800630097 1.578334458 1 1.884051457 1.966021175
1.727288796 1.358003512 1 1.497289116 2.186022403 2.77137529 1
3.689418383 2.563874347 3.696674527 2.481348322 1 2.776712298
1.339607537 2.136156547 1.246510468 1 1.014848242 1.113169811
0.978779314 0.85425171 0.90259981 0.816184533 0.753339115
1.093545554 1.420664431 2.051814483 1 1.412123976 1.137505977
1.262139151 1.884261626 3.426058009 1.23112736
YBR185C YBR185C::MBA1::involved in assembly of mitochondrial respiratory
complexes 1 1.840018913 1.850425775 1.901181548 2.327161498 1
1.885814514 1.860858906 1.753068651 1 2.005690636 1.526728366
1.753436696 1.407103193 1 1.685628092 1.258789439 0.997226061
1.29644065 1 0.845842637 0.966125699 1.588635266
1.528786073 0.970923312 1.042271671 1.028637446 1 1.257188107
1.248989054 1.142968153 0.664064167 1.259821555 1.171500577
1.241162017 0.699645665 1.391965466 1.502299775 1.627784988
YHR153C YHR153C::SPO16::Early meiotic protein required for efficient spore
formation 1 1.314131864 1.272816107 1.460220761 1.549733553 1
1.226376194 1.189759596 1.60209376 1.624652521 1 0.93988747
0.824575787 1.213106058 1.532891709 1 0.695704511 1.705619712
1.513627565 0.631364165 1 0.581435961 0.508017756 0.239592551
0.435790197 1 0.814968051 1.049430929 0.402039466 0.552297436
1.048417344 1 0.941105349 1.372268005 1.384571168 1.608218457
2.064683811 1 0.99153625 1.31876154 1.099944332 1.609504887
1.336196454 1.520958878
YHR155W YHR155W::YHR155W::molecular_function unknown 1 1.642873024
1.626797619 1.522013732 1.489048657 1 1.472842827 1.509895794
1.551636819 1.469741825 1 1.815554621 1.615946045 1.333074587
1.836640724 0.654642339
1 0.931334651 0.73172197 0.86277296 0.832855447 0.888039853 1
0.737034747 0.795055767 0.740617885 0.808300779 0.841285338 1
0.763925934 0.688785705 0.944986467 1.007143047 0.723072449 1.793278037
YHR157W "YHR157W::REC104::meiosis-specific recombination gene, dispensable
for mitotic recombination and axial elements in meiosis, required for tripartite
synaptonemal complexes, meiotic recombination and spore viability; classified as
an early recombination gene" 1 1.078177341 1.049839243 1.5851784 1
0.951335632 0.824050865 1.321471301 1 0.754653856 0.888626576
1.265776375 1.135397678 1 0.984920182 0.952088855 1.810173163 1
1.040949488 1.977617366 0.78179229 1 1.082549443 0.70403903
1.042250338 1.33245397 1.037469863 1 0.872174108 0.723350742
0.671643716 0.604652954 0.406893832 1 0.948828619 0.573361191
0.845829821 0.743685035 0.432198706 0.608558674
YHR159W YHR159W::YHR159W::molecular_function unknown 1 0.727912684
0.929507784 1.191833188 0.728506578 1 1.046752178 1.371314648
0.90001847 1 1.276755264 1.295491217 0.963014658 1.28699017 1
0.844019716 0.391481984 0.602693455 1.139528739 1 1.743931053
2.203670544 1.393808891 0.884169833 1 0.931641527 0.568351905
0.847075213 1.135193135 0.99753841 1 0.742301571 0.797815753

0.515892718 1.06668343 0.910214393 1 0.493984276 0.588267502
 0.602453405 0.784234855 0.482905097 0.75216104
 YHR161C "YHR161C::YAP1801::Yeast Assembly Polypeptide, member of AP180
 protein family, binds Pan1p and clathrin" 1 1.116001344 1.08271707
 1.241658059 0.966731314 1 1.327584264 1.464767055 1.115261688
 0.961238664 1 1.580282458 1.669314767 1.359863499 1.373804162 1
 1.86651412 1.658969882 1.558624075 1.05264392 1 1.853872497
 1.52799579 1.434781847 1.502660158 1 1.279818034 1.187363683
 1.517444881 1.506519802 1.137866843 1 1.375119589 1.696119229
 1.432800229 1.026741162 0.840559597 1 1.37108142 1.456075409
 1.158732474 1.286596893 0.785243438 0.922032049
 YHR163W YHR163W::SOL3::weak multicopy suppressor of los1-1 1
 1.380428088 1.171271543 0.882150843 1.103801651 1 0.951325344
 0.941402668 1.170883105 1.118671052 1 1.007651999 1.058579478
 1.231727331 0.974575652 1 1.648325384 1.394563086 2.324463024
 2.215717237 1 1.162332726 1.654083196 2.223683998 1.886610687 1
 0.92544319 0.744825665 0.912063272 1.164870847 0.848764772 1
 0.798568821 0.554780608 0.496273746 0.939106327 0.435546786 1
 0.542529085 0.548886264 0.860214293 0.624193223 0.402168731 0.726767905
 YHR177W YHR177W::YHR177W::molecular_function unknown 1 1.125003534
 0.936772869 1.023645763 0.75848546 1 0.982820545 1.174960414
 0.859257526 0.890684467 1 1.198343992 1.154356655 0.896949422
 1.090510665 1 1.229222222 1.269327881 0.921934965 1
 1.554318993 1.584092568 1.331521703 0.638283169 1 1.233935072
 1.104197027 1.53448426 1.070478872 0.99463321 1 1.052719203
 1.42540617 1.10220115 0.913027026 0.995331224 1 0.989223402
 1.239116495 0.999261119 1.167832093 0.761904481 0.862489653
 YHR179W "YHR179W::OYE2::NAPDH dehydrogenase (old yellow enzyme), isoform 2"
 1 1.094244193 0.869480242 0.625587831 0.558005994 1 0.979506877
 0.771288202 0.670542159 0.597751863 1 2.709751969 2.547704087
 0.72951075 0.838311802 1 4.075381198 4.496951699 1.489873385
 1.27659401 1 3.370881284 2.004919765 0.91897337 1.234443109 1
 0.811921535 0.761220906 0.831134822 0.943079033 0.950168031 1
 0.741742319 0.742780246 0.596673342 0.94438544 0.742635186 1
 0.690469101 0.719066801 0.87736057 0.936701307 0.592960465 0.964937646
 YHR181W YHR181W::YHR181W::molecular_function unknown 1.29900772
 1.068211311 0.837491368 1.105255951 0.915310347 0.978658332
 1.136832814 1.020957425 1.293643081 0.924444672 1.083260666
 0.848783447 0.806000053 0.572070904 0.465867296 0.554245493 1
 1.509467247 1.612442833 1.127561738 1.068088108 0.984908215
 1.828836776 1.530643876 0.868721307 1.128152107 1 1.36324417
 2.129560979 3.281620605 1.98482515 1.636095297 1 1.151613889
 1.252117452 0.876525369 0.837454953 2.646078503 1.01222136
 YHR183W "YHR183W::GND1::6-phosphogluconate dehydrogenase, decarboxylating;
 converts 6-phosphogluconate + NADP to ribulose-5-phosphate + NADPH + CO2" 1
 1.302517628 0.813127853 0.863310975 0.497331983 1 0.899163745
 1.006263543 0.752119561 0.663987792 1 1.023290404 0.819111612
 0.590935422 0.706589719 1 1.588634739 1.22588706 2.640723566
 1.844903416 1 1.334332789 0.995784882 1.578077721 2.591525111 1
 1.308088917 0.86813098 0.8554427 1.333153979 1.100554406 1
 0.844991304 0.657343251 0.438729667 0.514875876 1.123422555 1
 0.780670352 0.743751144 0.614034425 1.12489323 0.530840554
 YNL250W "YNL250W::RAD50::coiled-coil protein, contains a purine-binding
 domain, two heptad repeats and a hydrophobic tail" 1 0.766790786
 0.748893038 0.88778039 0.882595445 1 0.764077392 0.889563335
 1.013856412 0.886131503 1 0.754467542 0.9327564 0.831313059
 0.98941707 1 0.970872257 1.12232656 0.950048577 1

1.27005607	2.201733337	0.7016373	1	0.908787796	1.091594583
0.87626511	0.706490507	0.801593375	1	1.113567659	1.182171351
0.933950606		1	1.411927979	1.638174836	1.401199847
1.051783889	1.084945864	1.316938451			
YNL252C	YNL252C::MRPL17::mitochondrial ribosomal protein of the large subunit				
1	0.929977274	1.235203685	1.052726115	1.556280977	1
0.967991761	1.129988506	1.602113341	1.352544682	1	0.872717106
0.962597197	1.298748211	1.089190997	1	0.945507153	0.720905813
1.157951207	1.437652793	1	1.501524283	2.679360199	1.259272257
1.007741908	1.026519085	0.665340631	0.675648103	0.839686394	1
1.179686368	1.21536238	0.993681691		1.828285834	1
1.070962909	0.99919668	1.168356042	1.435462105	1.167206744	
YNL254C	YNL254C::YNL254C::molecular_function unknown				
1				1	0.689818868
0.635227745	0.984784764	1.066981583	1	0.850097565	0.909603996
1.115085244	1.411043462	1	0.697567424	0.675383261	0.557478509
1.278967006	1	0.652457622	0.442975542	0.511681367	0.547346732
1.173402768	1.092648097	1.055159064	1.006850904	1	0.834628918
0.893813647	0.97079509	0.905143419	0.953727523	1	0.781427776
0.520826423	0.654247895	1.442413966	0.864269958	1	0.629600829
0.559776653	1.055349703	0.256870608	0.732968273	0.625195524	
YNL256W	YNL256W::FOL1::folic acid synthesis				
1				1	0.987908268
0.920675503	0.889244742	1	0.879985922	0.773606651	0.88028939
0.815986079	1	0.765980758	0.652036944	0.435276942	0.839503958
0.370078818	0.243969526	0.2384398	0.311295261	1	0.866118996
0.581018531	0.581959406	1.095415241	1	0.72611509	0.577169474
0.62970626	0.826190234	0.888380193	1	0.895212494	0.708137789
0.666370331	0.765730867	0.762581474	1	0.613394092	0.713630764
0.831294378	0.918406652	0.710022247	1.327446012		
YNL270C	YNL270C::ALP1::Homologous to permeases Canlp and Lyp1p				
1					1
1.561255193	1.135851935	1.400254188	0.927790273	1	1.323109329
1.603797118	1.418522022	1.823734791	1	1.780885767	1.660562926
1.348842638	1	1.127757106	1.574560206	0.890939781	1
1.331079794	1.468600173	0.687390882	1	1.10569069	1.552196203
2.231130347	0.970288691	0.927048643	1	1.029469315	1.221582817
2.052842135	1.351191099	1	1.010559241	1.150356763	
0.994618407	0.960559531				
YNL272C	YNL272C::SEC2::Protein with coiled-coil domain essential for vesicular transport				
1	0.94365866	1.117123127	1.254389542	1.061680537	1
1.110122636	1.185320439	1.047993824	0.962815304	1	1.133761906
1.04659922	0.775844723	1.264428833	1	1.496711663	0.736198389
0.780715456	1	1.376920338	1.118545639	0.702366595	1.275961924
1.086798533	1.119679507	1.103444997	0.951417167	1.168012979	1
1.479308693	1.283440979	1.443692306	1.257319218	1.080894266	1
0.982417066	1.231843219	1.013018203	0.909332745	1.393260489	0.95705708
YBR187W	YBR187W::YBR187W::molecular_function unknown				
1				1	1.972699622
1.299383373	1.149546083	1.320616006	1	1.381432181	1.127921617
1.055105521	1.244368195	1	1.273879316	0.808336559	1.054160607
0.962265892	1	0.671565086	0.21174575	0.259369538	0.588737985
0.938263959	0.515404156	0.2535407	0.523639146	1	1.038824034
0.616898468	0.638943265	1.385634957	1.140970179	1	0.843615888
0.437910094	0.43413771	0.455606715	0.8264368	1	0.758563316
0.473525366	0.539057417	1.248523455	0.540326777	1.071763756	
YNL274C	YNL274C::YNL274C::not yet annotated				
1				1	0.817132799
1.410826036	1.291178996	1	1.088761296	1.476239498	2.105913626
1.530525313	1	0.914408124	1.592647423	3.797711085	1.273461603
2.901663601	4.69544622	9.413730677	7.79397884	1	2.612524712
3.924114276	11.19772651	6.969659503	1	1.038966573	2.048207026

	2.277322628	0.906506506	1.140545682	1	1.059444828	2.011715339		
	3.319035854	1.571239852	1.460218617	1	1.27981808	2.318509869		
	1.732174168	0.928564137	3.821957099	2.3580555				
YBR189W	YBR189W::RPS9B::Homology to rat S9 and E. coli S4						1	
	1.333294513	1.281610641	1.072405383	1.421002602	1	1.154957057		
	1.131325888	1.168296187	1.161187507	1	1.238684229	1.2994211		
	1.438613513	0.875840072	1	0.932973788	0.591899174	0.541801674		
	0.721832643	1	1.337825738	1.667559698	0.989878234	0.897258664	1	
	1.35120222	1.175857218	1.04772223	1.318508405	1.267229072	1		
	1.249497059	1.227152783	1.098360887	0.580264625	1.273658132	1		
	1.034944687	1.026997546	0.728937079	1.38740676	0.974600333	1.021853256		
YNL276C	YNL276C::YNL276C::molecular_function unknown						1	2.679287095
	3.414692131	1.770045467	2.216057305	1	1.576360272	1.730263073		
	2.466403017	2.092373551	1	4.162103349	6.293943302	6.793871607		
	2.231246743	1	0.924484793	0.887372284	1.5796203	1		
	1.580182104	2.02925216	2.377355591	1.595916584	1	0.963995784		
	0.970768046	0.848863608	0.869437736	0.966288722	1	2.59857014		
	1.936893755	1.224855874	1.849851428	3.411188537	1	1.777241838		
	1.184293156	0.967058224	0.995478308	1.066848813	1.836183426			
YBR191W	YBR191W::RPL21A::Homology to rat L21						1	2.001280465
	1.91996612	1.508091679	2.290894914	1	1.70385314	1.572361549		
	2.108085938	2.198984037	1	1.222000094	1.234383499	1.33307465		
	1.328311269	1	0.550231714	0.143163088	0.65094369	1		
	1.093478633	0.963169493	0.382581685	1	1.295606848	1.109217088		
	0.775001107	1.063628292	1.015824173	1	1.174824523	1.538498243		
	1.199482179	0.631006764	1.789000311	1	1.111904564	1.379772236		
	0.802957986	1.763051116	1.295933453	1.188221762				
YNL278W	YNL278W::CAF120::CCR4 Associated Factor 120 kDa						1	1.219769123
	0.924452087	1.163831071	0.786499614	1	1.113278484	1.18002764		
	0.938353186	0.856742356	1	1.093458251	0.792229244	0.72734186		
	1.105013555	1	0.65603266	0.620078134	0.780040383	0.541968701	1	
	0.698062341	0.877346421	0.474052156	0.774511756	1	0.940387904		
	0.803920999	0.910413233	0.977702236	0.980152388	1	0.895602763		
	0.599175694	0.677710852	0.927465048	0.557284995	1	0.802663139		
	0.529962692	0.848639325	0.510635815	0.86113684	0.718887286			
YNL280C	YNL280C::ERG24::sterol C-14 reductase						1	1.148863111
	0.8591914	0.808134374	0.745945136	1	0.930622168	1.007437855		
	0.929977635	0.839660285	1	0.901550305	0.806831496	1.024022975		
	0.79988521	1	0.796768488	1.26315798	1.290892523	1		
	1.008391029	0.569047401	0.715426577	0.814903048	1	0.883918914		
	0.872977244	1.37990713	1.356520051	0.928819514	1	1.009334053		
	0.961778162	0.872823065	1.419264736	1.389256198	1	0.858719503		
	0.961369545	1.005819249	0.742586632	1.015723811				
YBR193C	YBR193C::MED8::Member of RNA Polymerase II transcriptional regulation mediator						1	
	1.227065307	1.27783203	1.310706112	1.328260032	1	1.242552425		
	1.417744062	1.5212859	1.218588406	1	1.071582009	1.109278006		
	0.846974527	1	1.24127007	1.427121814	1.453255532	0.90447668	1	
	1.125313778	1.365560675	1.217847317	0.97391826	1.311400612	1		
	1.087319371	1.257227063	1.332301334	1.024969748	1.032288718	1		
	1.290029573	1.098426956	1.091410076	1.109775271	1.175087415			
YBR207W	YBR207W::FTH1::FTS3 Homolog						1	1.550488336
	1.381549984	1.873855473	1	1.580004912	1.362329906	1.3088503		
	1.458564276	1	2.140294911	1.717478099	1.283420001	1.36255092	1	
	1.24142811	1.089395565	0.835676588	0.984329117	1	1.324609516		
	1.118149464	0.908976178	0.792680724	1	1.97758121	2.119873126		
	1.89958286	1.076512015	1.097682113	1	2.436752506	2.129802713		

2.933827003 1.134885278 0.766295112 1 2.491976188 2.21287808
 1.010018248 1.065725913 1.220005518 1.015723811
 YBR209W YBR209W::YBR209W::molecular_function unknown 1 1.899239567
 2.008199247 1.649056313 2.663521551 1 1.412091982 1.342272091
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 1.669849753 0.488625878 0.403525291 0.570230149 0.59137858 1
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 1.08894568 1.053947649 1 1.001170845 0.859898917
 1.440005195 0.951741021 1.390490964
 YBR211C YBR211C::AME1::associated with microtubules and essential 1
 1.744299427 1.584999899 1.586003611 1.788311616 1 1.478747093
 1.427326565 1.724138503 1.583695921 1 1.333403822 1.667405848
 1.543423315 1.484207197 0.912101698 0.695035306 1.173130027
 1 1.142967147 1.147817831 0.929127946
 0.883387297 1.17804067 1 1.081147869 1.338212644 1.459833632
 0.95456362 1.193377943 1 1.358301866 1.310277401 1.109430648
 1.614342831 1.300221968 1.539347006
 YBR213W YBR213W::MET8::Protein involved in the expression of PAPS reductase
 and sulfite reductase 1 2.262252242 1 2.13201251
 1 1.83102229 1.945572541 2.328487769
 0.427249305 1 0.974435878
 0.959628187 1.102679569 1.396511892 1.298066108 1 0.725996949
 0.572284425 0.745024325 0.764527788 0.423661197 1 0.928366464
 0.629956173 0.647918251 0.865796041 0.522747531
 YBR215W YBR215W::HPC2::Protein required for normal cell-cycle regulation of
 histone gene transcription 1 0.847350149 1.012956779 1.153123917
 1.256166965 1 1.05650948 1.170862867 0.769929748 1.024685541 1
 1.001850518 1.025775861 0.964096982 1.070773179 1
 1.019994334 1 0.841618666 0.50186588 1.078500716 1
 0.87188436 0.987316396 0.681144851 0.924699392 1 1.048090485
 1.01811802 1.161472347 1.284380465 0.903028647 1 1.142303107
 1.120903858 1.047853486 1.247579592 0.971942653
 YBR217W YBR217W::APG12::autophagy 1 1.12186596 0.963499097
 0.971024135 1.169716032 1 0.864285776 0.846635112 0.973943062 1
 1.029835107 1.026104308 0.906674589 0.89099341 1 1.308427846
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 1.34004031 0.879545136 1 0.958940954 0.846821279 0.828991245
 0.699030009 1.008228583 1 0.95271776 1.007740559 1.219329537
 1.033284216 1.339322289 1 1.178721671 1.199153648 1.152101946
 1.180572411 1.375187825 0.976320768
 YHR185C YHR185C::PFS1::Prospore Formation at Selected spindle poles 1
 1.736253581 1.49261613 2.431599746 1.511320868 1 1.782264198
 1.860401655 1.501176893 1.363395789 1 1.865171314 1.874289972
 1.112509773 1.827347063 1.290903059 2.004093477 1.421271804 1
 0.363579291 0.635403389 0.452694981 1.037406226 0.890948163
 0.544565688 1.08784069 1.128152107 1 1.276437919 0.985890402
 1.241072223 0.948427449 0.807454477 1 0.840131767 0.863483564
 0.681414055 0.815972204 0.57932334 2.527050792
 YHR187W YHR187W::IKI1::RNA polymerase II Elongator associated protein 1
 1.391277907 1.183430731 1.069287134 1.430686215 1 1.186490537
 1.219431084 1.282769292 1.329939813 1 1.000703758 0.953062703
 0.934583756 1.197628661 0.492764953 1.042476664
 0.9632007 1 0.965253536 0.964314504 0.770735958
 0.790707897 1.122007235 1 0.90075455 0.920739188 0.939096155
 0.976276817 1.253525718 1 0.778690291 0.900018859 1.059636933
 0.91437114

YHR201C	YHR201C::PPX1::Cytosolic exopolyphosphatase	1	0.910262468
	1.254576198	0.99612338	1.290921979 1 1.061002396 1.010449141
	1.289069236	1.256904623	1 0.961398259 1.096042458 1.094427834
	1.132375148	1 0.867789513	0.620101065 0.802345382 0.913234636 1
	1.156289186	1.441153369	1.173062822 1 1.023576762
	1.642264035	1.163607068	1.104316674 1 1.176905062 0.829273818
	0.840904991	0.792014502	0.883342117 1 0.965260798 0.817357548
	0.758169963	0.986749951	0.561677903 1.615526305
YHR203C	YHR203C::RPS4B::Homology to rat S4 and human S4	1	1.25402629
	1.023530334	0.79749163	1.326142873 1 1.08453736 1.021153204
	1.128726633	0.94179634	1 0.904386739 0.77549397 0.634123375
	0.855467481	1 0.7004782	0.297162895 0.184390686 0.419200118 1
	1.071062903	0.446768298	0.833039153 1 0.990827174
	0.946119381	0.911819485	1.039662127 1 1.140696695 0.938800584
	0.973411149	0.923769896	0.976227597 1 1.021468839 0.98357801
	1.033118138	1.088228163	0.925217513 1.006092019
YHR205W	"YHR205W::SCH9::protein kinase involved in growth control, may be redundant with cAMP pathway"	1	0.707866891 0.721813889 0.884683905
	0.555070621	1 0.984037207	1.061641808 0.613193437 0.632180459 1
	0.703094232	0.590351796	0.825939488 1 0.542501845 0.677926819
	0.515282676	1 0.493432014	0.314559648 0.367499433 1
	1.176882044	0.982100766	1.403796847 0.7951396 0.754132188 1
	1.495572003	1.404717895	1.251215069 1.437685783 0.888787415 1
	1.049208206	1.096783723	0.795648419 0.848476238 0.426239172 1.323943457
YHR207C	YHR207C::SET5	1	0.870831857 0.782939536 0.781468875
	0.865659837	1 0.825939544	0.753470914 0.920991799 0.81230016 1
	0.853603144	0.689417175	0.559266915 0.950460342 1 0.945549498
	0.408331525	0.497584089	0.989406536 1 1.613942488 1.397759638
	0.977484286	0.769457206	1 1.209897739 1.005586951 1.024697028
	1.035721415	1.241856066	1.078102606 1.168344934 0.600463852
	0.68631576	1.08460343	1 1.331473697 0.730612107 0.709924036
	0.801201758	0.454448851	
YHR209W	YHR209W::YHR209W::molecular_function unknown	1	1.025042539
	0.910248171	1.261746675	1 0.965930262 0.964405766 1.368598304 1
	0.870382944	1.255466087	1.982389436 1.137611514 1 1.43170271
	0.584021677	2.140674729	2.814848946 1 1.693501052 2.691384728
	3.002975529	1 1.046670189	1.017357019 1.380947118 1.745321952
	1.231732226	1 1.010881122	0.755070663 0.743853503 0.717037357
	0.697209314	1 0.750613714	0.715179843 0.705103821 0.840723185
	0.45591006	0.942171402	
YHR211W	"YHR211W::FLO5::Flocculin, similar to flocculation protein Flo1p"	1	
	0.956995601	0.743363838	1.103069621 0.696145912 1 1.138827741
	1.125445182	0.778289955	0.78756719 1 1.108708589 0.878872497
	0.667320514	0.866772716	1 1.21394767 1.071879322 1.215841972
	0.682078679	1 0.975293842	0.998432035 0.999958353 0.672583258 1
	1.080651145	1.21885026	1.320391377 1.326591376 1.027895673 1
	1.150317898	1.044273089	0.761542616 0.912069208 0.728757268 1
	0.841082922	0.880605343	1.03968953 0.93451755 0.748113875 0.938668951
YIL006W	YIL006W::YIL006W::molecular_function unknown	1	1.194970622
	1.022305811	1.127698364	0.964989752 1 0.978962383 1.327408707
	0.83950706	0.985684595	1 0.987944594 1.013875331
			1 1.074603011
	1.289969096	1.33160841	0.954773784 1 0.933943874 0.639592182
	0.782629188	0.768792092	0.753091631 1 1.029021733 0.69383177
	1.08004772	0.518552962	1.009678287 0.671603625
YIL008W	YIL008W::URM1::ubiquitin-like protein	1	0.741881289
	1.127430951	0.658547087	1.368421887 1 0.688445317 0.750113994

1.033213235	1.067006177	1	0.87591262	0.895500179	0.832003872	
0.853503023	0.752018554		0.405616566	0.654642339	1	
1.649906023	1.768306246	0.878964928	1.043828964	1	0.700688571	
0.895024797	0.377974577	0.571886946	0.805136025	1	1.111193021	
1.449707954	1.6937646	3.15635312	1		0.948601236	
1.089859215	2.123712189	1.173360493	1.147943055			
YNL294C	YNL294C::RIM21::Regulator of IME2	1		1.274472636	1.182970306	
1.27998885	1.100159686	1	1.195008654	1.017801722	1.338798201	
1.196984205	1	1.23454727	1.248610389	0.924443208	1.451227066	1
1.047340034	0.818587768	0.882923664	0.844454758	1	1.424764912	
1.285590163	1.59776984	1.215985548	1	1.092006832	1.170324065	
1.247072307	1.263748882	1.079361958	1	0.982996993	0.911986689	
0.982136542	0.913419535	0.933030162	1	1.104701036	0.824188863	
1.046080306	0.825726467	1.120180267	1.594511286			
YNL296W	YNL296W::KRE25::Killer toxin REsistant	1		1.147507629		
1.659978709	0.792365179	1	1.944544368	1.250225846		1
1.49558314		1.618899384	1	0.703786202	0.856392617	
1.035978258	0.749604319	1	0.721905743		0.492899319	1
0.845276767	0.831402388	1.079898955	1.245649647	0.887507203	1	
0.973025604	0.462007075	0.728571311		0.591930318	1	0.657433418
0.876033953	0.660786109	0.732897299				
YNL298W	YNL298W::CLA4::Involved in localizing cell growth with respect to the septin ring	1	0.819072268	0.819476329	0.990553377	0.662184336
0.954471783	1.149562666	0.843260941	0.781622408	1	0.996723996	
0.809321397	0.671771721	0.737340848	1	0.667036466		0.816882317
0.554875791	1	0.646138456	0.969744195	0.685223466	0.580428634	1
1.03605001	1.022371248	1.093097125	1.116691634	0.906969628	1	
0.881014322	0.699578256	0.739109608	0.941013708	0.834154145	1	
1.063167211	0.86530889	1.117489511	0.772375385	0.961748504	0.820459668	
YNL300W	YNL300W::TOS6::molecular_function unknown	1		1.106478005		
1.040175004	0.674073175	0.825389493	1	0.90526885	1.150917124	
0.890706747	0.842597568	1	1.049958629	0.865176901	1.126136442	
0.825406355	1	0.665452061	0.570388984	0.662233713	0.89048857	1
0.783407805	0.908045718	0.688375222	0.662330214	1	0.890566656	
0.714859264	0.614917356	0.907469013	0.729202864	1	0.862533596	
0.842437364	0.60998503	0.568189404	0.920539729	1	0.792925307	
0.994111345	0.839159515	1.121928282	1.084400358	1.126052476		
YNL302C	YNL302C::RPS19B::Homology to rat S19	1		1.018282197		
1.236280581	0.756362257	1.506009405	1	0.908813315	0.858037135	
1.421027472	1.220696813	1	0.872103298	0.805498169	0.803218004	
0.968779061	1	0.722072893	0.318155568	0.244010594	0.320379749	1
1.6312273	0.982343796	0.65690088	0.838471229	1	0.904620447	
0.933680237	0.749382246	0.903904253	0.934522639	1	1.163007591	
1.473407589	0.874792503	0.750746684	1.706853154	1	1.046794302	
1.131702149	0.865940813	1.455075455	0.900129041	1.188221762		
YNL304W	YNL304W::YPT11::similar to Ypt1 and other Ras-like GTP-binding proteins	1		1.190783776	1	
1.029977596	1.069061012	1.307972525	1.161041147	1	1.169592255	
0.985505917	1.183464291	1.254470925	1	1.038321239		0.747620029
1.034378474	1	1.782251351		2.528000684	1	1.035194684
1.121926705	0.822954713	0.701892786	0.992977291	1	1.351644779	
1.744192592	1.337554491	0.853796778	1.53170201	1	1.09764457	
1.516327158	1.089494499	1.111478141	1.610217311	0.857235872		
YNL318C	YNL318C::HXT14::High-affinity hexose transporter			0.895784541		
1.821794412	1			1.873997467		0.251460079
0.222862468	1	0.912796773	0.908065027	0.636780965		

	0.932132043	1				0.755951
	0.959966046					
YNL320W	YNL320W::YNL320W::molecular_function unknown			1		2.012558334
	1.503813562	1.543042402	1.62602748	1	1.338645569	1.334239016
	1.41241365	1.519417756	1	1.671743341	1.333788322	1.579790294
	1.295994651		0.979286965	0.91667191		
	1.036588998		1	0.920697184	0.758518208	1.365274076
	1.321413455	1.276409818	1	0.931034452	0.792422897	0.822299528
	0.732266867	1.145834719	1	0.877815243	0.801305313	0.81594169
	1.262309527	0.901350367	2.415846671			
YNL322C	YNL322C::KRE1::cell wall beta-glucan assembly			1		0.876173786
	0.703467601	0.390704483	0.485596208	1	0.728243326	0.652393824
	0.531309986	0.450174117	1	1.078685025	0.901601703	1.128134353
	0.411290248	1	0.894413112	0.734032257	1.026924205	0.844110456
	0.658234432	0.810103187	0.786437136	0.953869363	1	1.011895976
	0.888056946	0.896562556	0.935483612	0.798035957	1	0.613565234
	0.908443256	0.934296099	0.86288077	0.896767272	1	0.775886824
	0.954365788	0.957744792	0.776077611	1.171316069	1.288042866	
YNL324W	YNL324W::YNL324W::molecular_function unknown			1		1.19194464
	1.172311014	1.298902524	1.009832288	1	1.401446073	1.051347467
	0.950373082	1	1.20792632	1.206323843	0.705935506	1.572263282
		0.482505085	0.701085636		0.325966761	0.722079051
	0.428330789	1		0.910242888		1.132422503
	1.037413177	0.71185984		1.3211488	1	0.596535987
	1.151156316					
YIL010W	YIL010W::DOT5::Derepression Of Telomeric silencing homologous to 4 other S.c. thioredoxin peroxidases			1		0.977730829
	1.026791531	1.211365147	1	0.984998231	1.118335498	1.447995615
	1.361129275	1	1.036649308	1.379657735	2.187456925	1.290082525
	1.262655223	1.600097567	1.845085542	1.798078501	1	1.526154465
	1.868735731	2.713090594	1.451411241	1	1.168447412	1.491649578
	1.71955808	1.132967468	1.195970715	1	0.972967816	1.458452898
	1.325442605	1.34186182	1.281260701	1	0.941762339	1.297320344
	1.187995615	0.887138152	1.564804819	1.422013335		
YIL012W	YIL012W::YIL012W::molecular_function unknown					
	0.930999495			1.11388436		0.87287754
	1.335670946					
	0.320704516				1	0.681114533
	0.900412302	1.36234895		1	1.139240891	
	0.796426316					
YER056CA	YER056CA::RPL34A::Homology to rat L34			1		0.909180845
	1.448142041	0.870972169	2.047128026	1	0.998126559	1.052602742
	1.479754602	1.494887146	1	0.900605998	0.910969822	0.806874604
	1.084927849	1	1.031156991	0.434059258	0.213746845	0.649621077
	1.179202926	0.85754206	0.514047429	0.731761621	1	0.942040565
	0.895184909	0.655374374	0.834584069	1.080914896	1	1.472930338
	1.813356505	1.286518065	1.093346291	1.723277736	1	1.103084339
	1.162873482	0.909927635	1.710241832	1.022197573	1.738989213	
YIL014W	YIL014W::MNT3::MaNnosylTransferase; involved in adding the 4th and 5th mannose residues of O-linked glycans			1		0.833814082
	0.945430634	0.697996034	1	0.934252369	0.882701809	0.86799246
	0.65595401	1	0.818277536	0.829073529	0.599068477	0.922477281
	0.707778647	0.399654972	0.707010246	0.745927765	1	0.961021942
	0.739364204	1.149727369	0.901761258	1	0.817452229	0.809002069
	0.77122256	1.112134865	1.090732857	1	0.841572504	0.601666821
	0.634618358	0.675381423	0.832932749	1	0.891262749	0.53834678
	0.910625962	0.855986813	1.014191205	0.745156034		

YIL074C YIL074C::SER33::catalyzes the first step in serine biosynthesis;
isozyme of SER3 1.257144061 1.153622647 1.02981247 0.91239909
1.059387 1.051151593 0.844012292 0.90324992 1.281586772
1.771675925 1.016652426 0.693124216 1 2.311095169 1.504308694
1.133415302 1.196563059 1 1.515621955 1.612267303 1.13138052
1.010243641 1 1.086514858 1.09087416 0.817493112 0.767504766
0.86902944 1 1.429858581 1.618971945 1.142462751 0.920548268
2.194901272 1 1.35904027 1.37572254 0.874611662 1.233471362
2.095689337 1.357217158
YIL016W YIL016W::SNL1::Suppressor of nup116-C lethal. Snl1p is the first Bag
domain protein identified in *S. cerevisiae*. 1 1.138747729 1.616356663
1.08350513 2.322772671 1 1.131811175 1.059657721 1.72953096
1.723271805 1 1.006783157 1.18019775 1.155676441 1.268134231 1
0.898765005 0.598790478 0.488845488 1.000514936 1 1.897794868
1.489824996 1.138772307 0.953972802 1 1.026486468 1.14993434
0.629961415 0.770032551 0.979221606 1 1.196624217 1.501701109
1.163593204 1.039749795 2.05169381 1 1.009121959 1.258925113
0.913257252 1.808402023 0.97505575 1.248639823
YML067C YML067C::ERV41::ER vesicle protein 1 0.962858409 0.885241058
0.907732416 1.297507064 1 0.920826727 0.888616345 1.033655849
1.035890975 1 0.837167233 0.884307104 0.948664341 0.936195096 1
1.022433372 0.653511275 0.692520864 1.213910108 1 1.304103827
1.497821845 1.597525121 1.141596663 1 1.089045921 1.232490086
1.155113338 1.109584235 1.013715368 1 1.118385042 1.345514415
1.300495296 0.95674074 1.073903761 1 1.082027414 1.244679024
1.059688255 1.204095126 1.165963243
YIL030C YIL030C::SSM4::Protein involved in mRNA turnover 1
0.753920601 0.60651033 0.833822494 0.508104779 1 0.844422805
0.944776266 0.454254783 1 0.945486751 0.734836998 0.240829249
0.610056773 1 0.940802553 0.806417917 0.551182067 1
0.593230244 0.537021097 0.30024679 0.636076216 1 1.181253088
0.991058575 1.3103826 1.421574057 0.848441282 1 0.840963153
0.777444228 0.803858018 0.719219069 0.459337934 1 0.850214643
0.742584905 0.97849913 0.673789573 0.522071102
YMR324C YMR324C::YMR324C::molecular_function unknown 1 1.24290613
1.232819888 1.285897709 1.299258394 1 1.348113197 1.125125159
1.252460084 1 1.522108807 1.455816907 1.383311337 1.513997302 1
0.628490076 0.597689188 0.570126865 0.668152539 1 1.685602562
0.571331179 1 1.263297019 1.473633452 1.389635827 1.235885498 1
0.838210107 0.918813361 1.077297695 0.888353021 0.764103595 1
1.130061298 1.128879943 0.858290586 1.223755004 1.01222136
YIL032C YIL032C::YIL032C::molecular_function unknown 1 1.599680903
1.575933063 1.326505194 1.394776891 1 1.607128626 1.377430203
1.727013529 1.541570721 1 1.416687964 1.544568808 1.400329462 1
0.79524886 0.686020012 1.085445921 0.752738889 1 0.747970424
0.664495126 0.671219526 0.807250499 1.020982454 1
0.78735282 0.913049281 0.89349934 0.840961773 1.325013161 1
0.904869768 1.164080353 0.844101524
YIL034C YIL034C::CAP2::capping - addition of actin subunits 1
0.820307827 0.916554104 0.897916884 1.002387644 1 1.029647045
1.220916132 0.816375264 0.970612333 1 0.98757828 1.222062176
1.571673582 0.817684906 1 2.000864363 2.128022139 2.584899304
1.164734677 1 0.897309436 0.726659536 0.902567162 0.797615445 1
1.181499195 1.207454286 1.302832531 1.088053355 0.933549967 1
1.225104738 1.157370092 1.071677539 0.903426815 0.822783101 1
0.939230542 1.006925884 1.002989676 0.897864293 1.201166081 0.975445103

YIL036W YIL036W::CST6::Chromosome STability; contains an ATF/CREB-like bZIP domain; transcriptional activator; interacts with the STB locus on 2-micron plasmid 1 0.711665391 0.877932658 0.824086507 0.779200769 1
0.929459797 1.009905345 0.668486833 0.60411672 1 1.090997905
1.151820873 0.642397544 0.764201361 1 1.965427321 1.841938419
1.351550215 1.064760804 1 1.270996582 0.967063679 0.781741802
0.986856264 1 1.218321577 1.408681639 1.133168084 0.904452599
1.013016937 1 1.258651011 1.149967062 1.085754886 0.895984013
1.002967784 1 1.299499864 1.201693461 1.030127249 1.080890467
1.130627776 0.970191427
YIL038C YIL038C::NOT3::General negative regulator of transcription; may inhibit RNA polymerase II transcription machinery 1 0.789360882
0.811375714 0.925289026 0.606570135 1 0.996867831 1.052049099
0.629952784 0.583075475 1 0.813021762 0.837163223 0.516711944
0.779601071 1 0.595270948 0.419996366 0.664449673 0.521488452 1
0.578576652 0.571619372 0.519725861 0.502106095 1 0.697097688
0.569426289 0.577422981 0.797934885 0.855856016 1 0.71898564
0.449773411 0.488564647 0.594198602 0.645390671 1 0.750270118
0.527737444 0.884236739 0.831430822 0.831999785 0.529752537
YIL040W YIL040W::YIL040W::molecular_function unknown 1 1.431039855
1.451471443 0.955256447 2.064325577 1 1.04657405 0.928669161
1.392794777 1.449415664 1 1.182139132 1.022424015 1.526252488
1.038978645 1 0.887548034 0.63410175 0.653087212 1.118859332 1
0.905654929 1.287629074 1.195164228 1.027095942 1 0.946253442
0.905885516 0.733712116 0.854481102 0.839142431 1 0.740300861
1.143983173 0.930152422 0.772008322 1.179166913 1 1.012982089
1.177512426 0.995441422 1.4926179 1.052209348 1.228500469
YNL326C YNL326C::YNL326C::molecular_function unknown 1 1.137447365
0.94394088 1.128945091 0.783129067 1 0.876597525 0.773413938
1.14974541 0.9631635 1 0.896882907 0.818397682 1.017186696
1.010566829 1 0.887123878 0.813950966 1.106509884 1
1.078307165 1.617645067 1.699218871 1 0.828242099 0.864733222
0.843750551 0.979738951 0.888609945 1 0.678717223 0.774447622
0.746247565 0.71652938 0.972192633 1 1.062980309 0.763891728
1.203931041 0.941718339 1.291466287 1.824800513
YNL328C "YNL328C::MDJ2::Protein of the mitochondrial inner membrane with similarity to E. coli DnaJ and other DnaJ-like proteins, function partially overlaps that of Mdj1p" 1 0.84791856 0.772907384 1.104934466 0.7735319 1
1.209675952 1.342272091 0.811325412 1 1.078606972 1.278893985
1.425315231 1 0.949167671 0.673596286 1 0.611732149
1.52136627 0.320193198 1 0.873539996 0.914760956 1.02867029
0.887745508 0.865805016 1 1.029257814 1.002572123 1.044313204
1.222514028 1 1.076421637
YNR003C YNR003C::RPC34::34-kDa subunit of RNA polymerase III (C) 1
1.008646552 1.032470033 1.194127958 0.800933529 1 1.004407355
0.929499043 1.284531434 1 0.968806529 0.675994018 0.627636087
1.368544186 1 0.369114486 0.423132067 0.285066452 0.598589095 1
0.827309879 0.734683011 0.800058537 1.151561804 1 0.810975413
0.789365204 1.047326082 1.198903056 1 0.898133365
1.638927092 0.843595839 1 0.383602698 0.327421873
0.875624
YNR005C YNR005C::YNR005C::molecular_function unknown
1.054544078 1.153789845 1.381378396
0.780602068 1.249189986 1 0.611293334 0.689174933 0.560702577 1
1.210611979 0.838283957 0.571851119 1
0.945371088 0.930109891 1 1.290680966 0.715591794 1.235248211
1.16468583 1.024669649

YNR007C YNR007C::AUT1::Protein involved in autophagocytosis during
starvation 1 0.841339851 1.158872533 1.112280387 1 1.042266941
1.166875796 1.448576558 1.234717225 1 1.190615573 1.285104326
1.405795461 1.289060658 1 1.584994779 0.668126734 1.558134765
1.874151175 1 5.325312482 6.524139393 7.216657054 2.374390458 1
1.196546165 1.815065538 1.318321195 1.137567899 1.258848218 1
1.27910392 1.211698658 1.214052328 1.21560269 1.489015706 1
1.514339436 1.272814335 1.193998091 1.141796506 1.274908518
YNR009W YNR009W::YNR009W::molecular_function unknown 1 1.123876259
0.985230682 0.893437037 1.394120072 1 0.827361909 0.869103349
1.043248932 1.254994341 1 0.830911179 0.652885178 0.914413725
1.112463934 1 0.737971008 0.5473442 0.756184126 0.681317853 1
0.872447222 1.043814761 0.505308362 0.653501198 1 1.10435213
0.91899466 0.799020771 0.977320408 0.902760646 1 0.726179092
0.89621355 0.936849666 1.099085795 1.093944253 1 0.807343458
0.828728311 1.06343006 0.98733365 1.234331528 1.179465531
YNR011C YNR011C::PRP2::Dead-box protein required for the first catalytic
event of pre-mRNA splicing. 0.994879931 1.152483776 1.244496537
1.01127497 1.133241395 1.31366485 1.162007426 1.08414775
1.100742001 1.016466064 0.725679477 1.263874807 1 0.680998801
0.37192785 0.709924265 0.738754751 1 1.575753668 2.103791316
1.247320231 1.61352131 1 0.952937588 0.929276018 1.00154282
0.972354729 1 1.13206085 0.858736177 0.941003413 1.219528198
0.95776841 1 0.779402491 0.793465274 1.037159427 0.807740857
0.934730508 0.920280823
YNR013C YNR013C::PHO91::Low-affinity phosphate transporter 1
0.79357128 0.599785279 0.648785827 0.530744542 1 0.835800788
0.956303982 0.525148067 0.494030141 1 1.164478586 0.801931259
0.49931648 0.558137929 1 0.656054194 0.579226853 0.961478143
0.426787015 1 0.409030834 0.424612766 0.391897126 1
1.037132903 0.822113997 0.907934009 1.199914854 0.778073181 1
0.758331335 0.557336587 0.568185493 0.740565879 0.412622852 1
0.761779291 0.59912093 0.699645558 0.583611779 0.536534281 0.680359857
YNR027W YNR027W::BUD17 1 0.835433499 0.84841132 0.881379215
0.65717667 1 0.870947754 0.959067332 0.832136465 0.920087916 1
0.901084674 0.773587486 0.758241318 0.814821638 1 0.785770867
0.474993152 1.043844391 0.766861109 1 1.064479386 1.199020669
0.929120608 0.424401522 1 0.862542258 0.898880095 1.136053888
1.061696732 1 0.98681558 0.770017984 0.788537409 0.898959097
0.747759372 1 0.915281442 0.661882988 0.981364705 0.690312691
0.833776127 0.844101524
YNR029C YNR029C::YNR029C::molecular_function unknown 1 0.756814335
0.907912636 0.90659246 1.215841032 1 0.805462897 0.867732741
1.165875809 1 0.846753361 0.800232319 0.865084019 1.037999046 1
0.54426751 0.450932186 0.810059286 1.048400453 1 1.186492599
2.148645523 1.781370383 1.113891564 1 0.984751301 1.049022172
0.808434779 0.740354917 0.989778937 1 1.041243766 1.392666374
1.008524458 1.153472209 1.343398526 1 1.052406823
0.889093608 1.046370726
YIL054W YIL054W::FYV2::Function required for Yeast Viability on toxin
exposure 1 1.613200249 1 1.371846964 1.650181633
1.423457833 1.726290238 1 0.981548636 1.185157475 1
1.031100484 0.766549267 1 0.791179253
0.771125323 0.749808483 0.812302124 0.944346548 0.774109463 1
0.705183009 0.541007504 0.538326378 0.646103026 0.710257421
0.602034893

YMR143W YMR143W::RPS16A::Homology to rat S16 1.045362635
1.064794833 0.628398026 1.30986058 0.805134146 0.69747256
0.991220815 0.79210023 0.691746901 0.791119166 0.73913669 1
0.890620015 0.429188267 0.280628298 0.531352392 1 1.427849643
0.764357268 0.520084267 0.795143065 1 1.244387789 1.047503532
0.680830332 1.003627169 1.34424802 1 1.14725186 0.900204332
0.71864108 0.531790903 1.530342877 1 1.089835281 1.471863702
0.832494993 1.56479944 0.916095906 1.207485451
YIL056W YIL056W::YIL056W::molecular_function unknown 1 1.310519943
1.09560282 1.192668728 0.976701836 1 1.317861988 1.30667354
0.928993172 0.874424185 1 1.845832766 1.18778381 1.128251378
0.87882461 1 1.814356076
1 1.215975014 0.943106554 0.971026066 1.315431933 1.0013578 1
0.687749682 0.670065357 0.84013238 0.713884438 0.724220458 1
0.865894631 0.640377425 0.98596679 0.829972463 0.907146476
YMR173WA YMR173WA::YMR173W-A::molecular_function unknown 1
1.199609322 1.677520859 1.47067096 1 1.456516728 1.382720314
1.786930276 1.819323059 1 2.41731037 3.659065287 3.473690383
2.062496959 1 2.436039281 3.059215028 2.879494103 2.242309623 1
3.587012618 2.569479505 3.900465363 4.101079035 1 2.188282583
3.211635024 4.698492378 1.44284407 1.060153393 1 3.578146502
8.687306396 9.052638465 6.671017956 2.517799398 1 6.08893935
10.78465134 9.300159034 2.779328834 2.666210327 2.566453939
YIL058W YIL058W::YIL058W::molecular_function unknown 1 1.165379619
1.050817105 1.071585811 1 1.141813812 1.10044864 0.851021109
1.125067581 1 1.175180797 1.254664595 1.074302197 1.004078716 1
0.901512073 1.155664554 1.228928624 1 0.743029118 1.177956131
0.745113324 0.385666483 1 0.669906377 0.907814114
0.850911397 1 0.819059808 1.01200139 1.09452753 1.175481024
1.231616559 1 1.081587875 0.908899604 0.630783388
0.983325775
YFL015C YFL015C::YFL015C::molecular_function unknown 1 1.206784739
1.498164173 1.418489807 1.477070766 1 1.189977547 1.256956115
1.653445655 1.380276596 1 1.566683853 1.398718527
0.567736773 1.464308003 0.767416881 0.564621012 0.587064948
0.723290577 0.425069397 1 0.837340898 0.852690219 0.793953529
0.819689575 0.948843516 1 1.044818661 0.775742076 0.919967062
1.419771753 1 0.683771399 0.601254456 0.739204145 0.612828797
0.9762846 1.045495061
YMR117C YMR117C::SPC24::Spindle Pole Component of molecular weight 24kDa 1
1.025661321 1.013594302 1.102962453 0.976266061 1 1.082359994
1.152601317 1.024796653 1 1.035119035 0.92060647 0.472341772
1.420139841 1 0.693415996 1 0.802367571
0.845171794 1 0.91778648 0.853143042 0.831339321 0.872048627
1.108686116 1 0.984127113 0.741035906 0.901798324 1.462750502
0.875132692 1 0.534131398 0.866666144 0.513580249 0.548897683
1.37035161
YIL060W YIL060W::YIL060W::molecular_function unknown 1 1.116336202
1.521658163 1.421625477 1.618593795 1 1.113697947 0.966805801
1.342783123 1 1.123351007 1.311245284 2.239406159 1.243405594 1
1.468583897 1.216739443 1.136839488 1.674073179 1 1.000940477
1.63723353 0.992752131 1 0.70068004 0.770063402 0.524728936
0.485212537 0.855704342 1 1.048365812 1.608673912 1.754972772
1.65479778 2.11905506 1 1.381419205 2.036528972 1.524444069
2.135213909 1.485598911 2.094492573
YFL017C YFL017C::GNA1::involved in UDP-N-acetylglucosamine biosynthesis 1
1.062831221 1.652492045 0.975579544 1.86193828 1 1.038643739

1.152632116	1.852133803	1.562244783	1	0.995787524	1.215468079
1.701875147	1.328122993	1	1.278332882	0.91409364	0.916628066
1.65315137	1	1.67505046	2.387457294	1.975814719	1.266048645
0.896996513	0.921894673	0.687802623	0.709586737	0.870707067	1
1.187491336	1.525007522	1.096822236	1.209419489	2.828330677	1
0.951948284	0.966681463	1.07092737	1.487461871	1.445833146	1.301177213
YMR175W	YMR175W::SIP18::Salt-Induced Protein				0.344760361
0.509051642	0.594853678	0.907504249		0.376536395	0.448139848
2.442120192		0.399064192	0.564820856	3.30587321	2.069582826
1.888978551		2.967360318	6.515894007	1	1.187830086
2.245255598		0.78404628	1.048336793		0.946285691
1.208004676	1.358355328	1.604323166	1.843861678		2.658603951
0.810178995	1.376799428	1.024527582	0.773508533	1.175155734	1.581376939
YIL062C	YIL062C::ARC15::Arp complex subunit				1
1.060068227	1.748414749	1	1.151217373	1.205187242	1.812194128
1.482156571	1	0.974920345	1.543983209	2.069108889	1.240703683
1.322027769	1.193592738	1.133021618	2.163394088	1	2.213223912
2.385496333	2.882421359	1.956903102	1	1.243252901	1.60295334
1.374755326	1.013330232	1.077003457	1	1.268990659	2.047092276
1.804772511	1.17174838	1.465700849	1	1.172625227	1.562927373
1.170713342	1.328000789	1.274587832	1.437774573		
YFL019C	YFL019C::YFL019C::molecular_function				unknown
1.159018248	1.239909048	1.123473436	1	1.00239398	1.09180435
1.384883148	1.148054906	1	1.064418794	1.151766128	1.320626947
1.187067438	1	1.339229328		1.537410342	1
	0.707935827		0.603727051		0.865812621
	1.075795936		1	1.96935985	0.763583835
2.39563824	1.171617156				
YFL019C	YFL019C::YFL019C::molecular_function				unknown
				1	0.950752508
0.973484846	1.035589343	1.022504249	0.946607558	1	1.276835627
1.211547689	1.015780848	1.28804979		0.982878751	1.221189297
0.970745315	0.704460911	0.931731763	0.904519585		
YPR084W	YPR084W::YPR084W::molecular_function				unknown
0.836576624	0.959653841	0.872857061	1	0.898266241	1.000771859
0.875243699	0.865839213	1	0.909197321	0.918976432	0.966802657
0.951720424	1	0.532759846	0.414745122	0.723577495	0.882564711
0.659509873	1.346406236	1.168830503	0.825225204	1	0.8709391
0.937804533	0.953349341	1	1.021801905	1.096380384	1.175518571
0.948724476	0.84842139	1	1.016532852	0.936283916	1.045763772
0.558019028	0.98660969	0.821335332			
YIL064W	YIL064W::YIL064W::molecular_function				unknown
0.927228012	0.704158081	1.255377382	1	0.861358808	0.627074645
1.024104998	1.167703592	1	0.794197513	0.53232469	0.473158515
1.000882966	1	0.711353704	0.338769899	0.279031965	0.623138043
0.894835816	0.459103758	0.185634744	0.417812238	1	1.122128725
0.988382932	0.755133028	1.131868082	1.017290861	1	1.083246304
1.058941882	0.928630831	0.895626969		1	1.044461701
0.935592797	1.954113512	0.675089272	1.081395653		
YFL021W	YFL021W::GAT1::activator of transcription of nitrogen-regulated genes; inactivated by increases in intracellular glutamate levels				1
0.556671652	0.574892341	0.467849	0.323968458	1	0.67698408
0.756217085	0.374394213	0.457831651	1	0.757336841	0.708678165
1.011545712	0.387280526	1	0.84928079	0.666258116	1.164301385
1.000543714	1	0.738542952	0.925672298	1.062289161	0.956010803
0.842665294	0.79334467	1.131871147	0.865863872	1.004844307	1

	0.467638375	0.423731551	0.571945405	0.5673592	0.836138521	1
	0.495406633	0.474284077	1.029653132	0.406068827	0.97693767	0.829215951
YPR086W	YPR086W::SUA7::transcription factor TFIIB homolog					1
	0.702590039	0.811493785	0.799086274	0.891477103	1	0.668221407
	0.625231313	0.799176961	0.911214104	1	0.81902896	0.790326255
	0.708070957	0.915223304	1	0.92501711	0.605901124	0.853946338
	1.325383867	0.990875026	1.077018558	0.783865946	1	1.137737644
	1.156035096	0.890235234	1.080512962	1	1.038521702	1.103729616
	1.227743101	1.361636342	0.878369708	1	1.028508613	1.132712195
	1.153425344	0.698359589	0.865397779	0.884380232		
YIL078W	"YIL078W::THS1::Threonyl-tRNA synthetase, cytoplasmic"					1
	0.849443258	0.770324693	0.950376985	0.599099319	1	1.019634631
	0.953027949	0.670075377	0.696814326	1	0.853946965	0.759667588
	0.390671185	0.786333861	1	1.030922607	0.752566201	0.602588088
	0.661792802	1	0.91492103	0.600433503	0.478195573	0.794802116
	0.887317701	0.821811824	0.899623967	0.995833526	0.970276937	1
	0.984544535	0.685045822	0.736500745	0.584781846	0.58050984	1
	0.960414825	0.795957615	0.854833106	0.879619769	0.896318448	0.746031646
YFL023W	YFL023W::BUD27::Function required for yeast viability on toxin exposure					
	1	0.768920415	0.851118359	0.806927753	1	0.7717427
	0.795639358	1.003475187	1	0.725174532	0.65824821	0.634859092
	0.95609175	1	0.506023869	0.403017767	0.573934657	1
	1.078485295	1.51389251	0.830193738	0.925756612	1	0.847030758
	0.779354418	0.659298094	0.775238966	0.945651947	1	0.775144746
	0.922953908	0.70298116	1.113298483	1.220610373	1	0.684500542
	0.866807129	0.97038636	0.801820659	0.682538076	1.01309692	
YIL080W	YIL080W					
	1	1.230181151	1.419441605	1.037345966	1.559884531	1
	1.145583316	1.201458917	1.434649298	1.369022276	1	1.186748025
	1.332671835	1.66500507	1.09736209	1	1.285622482	1.020202658
	1.120846081	1.397799571	1	1.652689409	1.215573517	0.675751816
	0.870354245	0.87070336	0.665364915	0.713719403	1	0.71190466
	1.015067384	0.789503628	1.524851304	1	0.973996951	1.221046954
	1.040456163	1.397893289	1.196102433			
YFL025C	YFL025C::BST1::Negatively regulates COPII vesicle formation 1					
	0.853447895	0.592613217	0.640897899	1	0.894240976	0.898073732
	0.623689507	0.669890747	1	0.979862048	0.729441494	0.375154351
	0.8730358	1	0.697449439	0.760637115	0.810062346	1
	0.519933332	0.955709908	1.004328386	1	0.870081981	0.872356764
	1.299666439	1.574377089	0.942187155	1	0.965236865	0.799069895
	0.837847626	0.874076689	0.446127891	1	0.898314536	0.809322445
	0.983198906	0.695748465	0.790267961	0.680359857		
YIL083C	YIL083C::YIL083C::molecular_function unknown					1
	0.855396789	0.794876488	0.808708442	1	0.774718219	0.757427694
	0.898005165	0.96683654	1	0.705821684	0.604205078	0.795683521
	0.982519644	1	0.80838677	0.535810848	0.640846601	0.936689363
	1.655825533	1.391930287	1.098689802	1.477767445	1	1.103841263
	1.061533831	1.189161406	1.183941571	0.930645391	1	0.956248069
	0.909358699	1.031066481	1.109469135	1.243019248	1	1.039512702
	1.013322943	1.10858324	1.105307086	0.834289207	0.98245011	
YFL039C	"YFL039C::ACT1::Involved in cell polarization, endocytosis and other cytoskeletal functions" 1					
	1	1.287800791	0.740774623	0.875664624	0.735667639	1
	0.966821789	1.00308105	0.639597299	0.913065132	1	1.138173534
	0.909816336	0.944155287	0.72060033	1	1.160433231	1.929093011
	0.887302456	1	0.732303839	0.519904978	0.58317557	0.772301417
	1.272684281	0.768592252	1.759435376	1.486868163	0.708322617	1
	0.992503669	1.060913879	1.111651169	0.699392562	0.471414607	1
	1.180470944	1.006629254	0.910333494	0.707994319	0.946763564	0.790688469

YIL085C YIL085C::KTR7::Putative mannosyltransferase of the KRE2 family 1
0.856104792 0.857134041 0.839841763 0.828641662 1 0.887795414
0.845430335 0.947951673 0.963288877 1 0.772850463 0.681311433
0.696553961 1 1.112377977 0.669613576 0.839159904 0.667526988 1
1.055546902 1.034192708 0.68518844 0.734692996 1 0.93287941
0.872446829 0.967103383 1.145862896 0.931097816 1 0.804256333
0.681234064 0.597970202 0.63886002 0.911157464 1 0.949393859
0.751907884 0.836279152 0.976840892 0.798381889 0.893136463
YFL041W YFL041W::FET5::ferrous iron transport 1 0.896112564
0.793279433 0.899970324 0.735839231 1 0.838925952 0.831643971
0.847162629 1 1.353229122 1.179440044 0.673508372 0.976646629 1
1.342446684 1.005678416 1.058345143 1 1.325287605 1.2897522
1.20840693 1.361515584 1 1.905158831 2.23185105 2.702894823
1.300398886 0.884050599 1 1.911325612 2.238982482 2.670137917
1.402564893 0.488001165 1 1.90737865 2.151338117 1.068683496
0.680661501 0.83684031 0.979823219
YFL043C YFL043C 1 1.220202496 1.523105285 1.264620695 1
1.073017503 1.032446858 1.522998087 1.364302062 1 1.790548709
1.998388088 3.489830161 1.302769949 1 1.73194976 2.475702748
2.834970264 1 1.922775103 6.442336388 4.002042309 1.83181867 1
1.710250785 2.342605233 1.796616917 1.104690059 1.197291296
0.930298239 1.660023419 1.623882227 1.020698463 1.279832039 1
1.740588237 3.041738527 1.25946564 0.490881532 2.075532296 1.454411476
YFL045C YFL045C::SEC53::involved in synthesis of GDP-mannose and dolichol-
phosphate-mannose; required for protein assembly in endoplasmic reticulum 1
1.126935232 0.810034913 0.60528779 0.973371746 1 0.832375074
0.737402254 0.910923283 0.947647602 1 0.85755934 0.711000528
0.706068461 0.775385483 1 0.835666522 0.49747614 0.378071796
0.943458251 1 1.031364003 0.895868823 0.650012478 0.945137405 1
1.225193481 1.054929646 0.853029341 1.05188746 1.219799756 1
1.070254907 1.381373975 0.894052031 0.67757304 1.080310027 1
1.005882033 1.209587251 0.820476861 1.234200851 1.416341076 1.485933951
YPR088C YPR088C::SRP54::Signal recognition particle subunit (homolog of
mammalian SRP54) 1 0.754090596 0.753845383 0.907102402 0.668167171 1
0.834647935 0.82915406 0.69439398 0.743729147 1 0.769603362
0.743668432 0.571473977 0.961255665 1 0.995944007 0.770988702
0.793947572 0.728556948 1 0.963431972 0.53140876 0.521428322
0.916143087 1 0.998798951 1.01391533 1.093912906 1.02537585
0.950918085 1 1.136117942 0.886097721 1.172367073 1.122641446
0.641048726 1 0.972824608 0.796334998 0.960342456 0.590689558
0.651353354 0.751285375
YIL087C YIL087C::YIL087C::molecular_function unknown 1 1.417251964
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1.337580374 2.373049729 1.537288569 0.620501002 0.82971848
1.190945762 1 1.160966023 1.195987042 1.491959945 1.234703411
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0.827151986 1 0.911688273 0.870300973 0.997517749 0.61280052
1.303216265 1.082271213
YIL089W YIL089W::YIL089W::molecular_function unknown 1 1.325358243
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1.328049344 2.013999576 1.655260091 2.092243482 1 0.99566507
1.037499278 0.903974152 1.237489428 1.256131654 1 0.792289134
0.769746558 0.910088463 0.973405278 1.318992716 1 0.679833065
0.758915023 1.00492683 0.645590587 3.578957585 0.893136463

YIL103W YIL103W::YIL103W::molecular_function unknown 1 0.934367903
0.628653319 0.684333401 0.795416152 1 0.758943929 0.681541679
0.668752598 0.724203959 1 0.665536159 0.436792797 0.91316866
0.532131123 2.090211741 0.416375616
1 0.865619173 0.79420273 0.702260737 0.797570231 0.845654825 1
0.720950222 0.816338183 0.645134293 0.715199722 1.223814866 1
0.642637119 0.924661004 0.766273526 0.9399622 0.749741198 1.185594872
YFL047W YFL047W::RGD2::specific GTPase activating protein (RhoGAP) 1
0.777281959 0.875792642 0.894595617 0.686172286 1 0.855946691
0.867143466 0.964800785 0.747466931 1 0.792114065 0.805416887
0.527172522 0.912197954 1 0.791788664 0.703324676 0.74226384 1
1.068025988 0.667215668 0.99306138 1.15232649 1 0.918262617
0.765243144 0.923127094 1.113609152 1 0.868837272 0.525690997
0.76669642 0.831295538 0.685286756 1 0.823702646 0.580458507
0.9151853 0.547768667 0.964636941 0.795942198
YIL105C YIL105C::YIL105C::molecular_function unknown 1 0.953901298
0.931898863 1.113574373 0.872562979 1 1.025043132 1.041231245
0.783941523 0.8545917 1 1.119254605 1.05684999 1.36751487
1.420877287 1 0.874392203 0.799956333 0.784238132 0.932454913 1
1.103789688 1.677753421 1.185202112 1.252184112 1 0.857507122
0.798344973 0.635210461 0.758489464 1.156684732 1 1.438869882
1.048356428 1.114656367 0.978359038 1.064945452 1 0.983317285
0.984748897 1.109272603 0.933563685 1.129657423 1.363346604
YFL049W YFL049W::YFL049W::molecular_function unknown 1 0.498069762
0.557404646 0.75082283 0.535171424 1 0.617089327 0.649959407
0.574948308 1 0.651417209 0.693742325 0.598976422 0.767132414 1
0.685740295 0.454994895 0.648076763 0.707011418 1 1.102671014
1.26264051 1.349944828 1.206460145 1 0.890328881 0.944776328
0.745134231 0.711309271 0.955526647 1 1.070736772 0.712882563
0.996268443 1.017074205 0.760438419 1 0.856650733 0.670898488
0.94023249 0.247810529 0.982571021 0.678608579
YIL107C YIL107C::PFK26::6-Phosphofructose-2-kinase 1 0.927559116
1.0336458 1.356159582 0.908702785 1 1.3272786 1.21792924
0.933011368 1 1.028135825 1.122055531 0.992519266
1.29861856 1 0.878988967
1.02222517 1.109359448 0.932154797 1.136126716 1 1.158487434
1.121851562 2.141364826 1.727157853 1.287707133 1 1.496405086
1.353409131 1.45848804 0.801272765 2.317686091 1.01309692
YFL063W YFL063W::YFL063W::molecular_function unknown 1 0.938990664
0.879328865 0.753580975 0.661648232 1 1.069887961 0.919305631
1.096329298 0.80906419 1 1.153879463 0.987106816 1.785659988
0.844575277 1 1.106492611 1.233425232 1.851238031 1.243748529 1
0.720296665 1.630656155 1.414455896 0.729677854 0.818284146
0.729877977 0.613728331 0.934863942 1 0.695650309 0.847463102
0.869011881 1.109779484 1.616295356 1 0.720291159 0.684665037
1.176093409 1.028040306 1.119047469
YIL109C YIL109C::SEC24::The Sec23p-Sec24p complex is one of three cytoplasmic
COPII factors involved in ER to Golgi transport 1 1.171537836 0.79160334
0.816672839 0.476680382 1 1.032798289 0.515216389 0.455145444 1
1.351453454 1.11558292 0.365928757 0.955906884 2.45429817
1.551456486 1 0.824608068
0.68603537 1.034109591 0.946044816 0.691379423 1 0.781517817
0.441700386 0.689537503 0.653444846 0.346151781 1 0.642985659
0.590283325 0.910870315 0.515196414 0.785550793 0.713633558
YFL065C YFL065C::YFL065C::molecular_function unknown 1 0.71004594
0.446954762 0.860856409 0.3176284 1 0.887678164 0.936220844
0.390811248 0.399766928 1 0.78088786 0.7073676 0.25182447

0.705397011	1	0.529223958	0.332987725	0.669816574	1	
0.584204476	0.578899689	0.441557819	0.816445469	1	0.803375566	
0.854152349	1.032067857	1.078823055	1.121643063	1	0.732818384	
0.369734716	0.859158215	1.147386973	0.399685892	1	0.621704819	
0.400217481	0.942536006	0.188107016	0.834045776	0.695245482		
YIL111W	YIL111W::COX5B::Cytochrome-c oxidase chain Vb	1		0.935645319		
1.516344645	1.219504535	2.045754771	1	0.981631298	1.088028259	
2.256404416	1.832613248	1	0.801631455	1.593148957	2.434027924	
1.934539719	1	1.840450289	1.39935421	1.585997139	1.699184118	1
1.99143593	2.582329626	3.086508985	1.56742982	1	0.972814024	
1.460890562	1.168862606	0.910806389	1.650405977	1	1.179541778	
2.327955895	3.152237172	3.532227887	4.720256304	1	1.708924044	
2.893851432	2.022814135	2.610582931	4.963492824	1.128679366		
YFL067W	YFL067W::YFL067W::molecular_function unknown	1		0.596936555		
0.454522206	0.789013412	0.306836319	1	0.798640438	0.911509155	
0.434335655	0.507343067	1	0.848667332	0.737856004	0.409271843	
0.725161903	1	0.838175057	0.786527932	0.937766268	0.491200434	1
0.458359783	0.211509447	0.227462284	1	0.924628055	0.876700934	
1.264744518	1.144330705	1.046904794	1	0.886659098	0.533416809	
0.935936744	1.148966082	0.394706263	1	0.857878088	0.572359232	
1.317224212	0.530481265	0.87683259	0.678608579			
YIL113W	YIL113W::SDP1::Hypothetical ORF	1	1.460419922	1.736358515		
1.40109169	1.305354576	1	1.659996881	1.652660651	1.384267499	1
2.045809354	2.938074941	1.824162487	1	3.031926251		
4.524721873	1.633254534	0.515725968	0.948249701	0.902598796	1	
1.368118906	2.119572686	1.858232519	0.986791833	1.028506097	1	
1.277891449	1.60052458	2.42712895	1.349618172	1.151762556	1	
1.705899121	1.637616535	1.455421568	-0.120357884	1.545408512		
0.973693878						
YFR001W	YFR001W::LOC1::Localization of mRNA	1	0.604327431	0.801652022		
0.939906633	1	0.530358487	0.46055756	0.963367595	1	
0.646138568	0.574208782	0.566242245	1	0.489830848		
0.2804339	0.62760952	1	2.437662058	1.89871349	1.715854827	1
0.629292882	0.605001363	0.391373083	0.404921651	0.71584955	1	
1.198164949	1.198814625	1.012374191	1.920503055	2.732479538	1	
1.008039627	1.10720372	1.140397028	1.717225555	1.212220096	1.042868171	
YIL127C	YIL127C::YIL127C::molecular_function unknown	1		0.625252962		
0.690718412	0.643741507	0.943222749	1	0.547881587	0.571642216	
0.926057759	0.952091618	1	0.472260826	0.492841151	0.610937414	
0.852783578	1	0.394613471	0.208314028	0.453130205	1	
0.722928933	0.487113559	0.641460891	0.774593275	1	0.721581405	
0.605136966	0.437989651	0.530630082	0.885447453	1	0.990400972	
1.16432581	0.961242398	1.870152968	2.140294716	1	0.623415269	
0.936741487	1.211915458	0.978199505	1.141841658	1.132181817		
YFR003C	YFR003C::YFR003C::molecular_function unknown	1		0.891096909		
1.444781876	0.945241342	1.508126691	1	0.862691591	1.05261075	
1.452336057	1.361196335	1	1.195800263	1.671456098	2.331128459	
1.187324584	1	1.655621608	3.194972764	1.685847887	1.961540183	1
3.044453057	4.059258758	4.205767522	1.707238484	1	1.227574849	
1.619846945	1.066037465	0.876021522	0.953762863	1	1.225648183	
1.706036783	1.493998011	1.179231265	1.25771103	1	1.334733372	
1.787394277	1.275783582	1.115448979	1.647925736	1.350212256		
YIL129C	YIL129C::TAO3::Identified in a hunt for mutants that activate OCH1 transcription	1.049056522	0.749342235	0.811774008	0.829186746	
	0.865211936		1.022812347		0.932976526	1
	1.10233959				1	1.202109614
1.261292971	1.326891169	1.025107338	1.177986696	1	1.041121007	

	1.269327808	1.133955847	1.012011936	1.156953078	1	0.912372866
	1.163737829	1.00711738	0.549924041	0.945866506	1.138311158	
YFR005C	YFR005C::SAD1::Product of gene unknown				1	0.95559736
	0.734465762	0.856279538	1	0.830404428	0.801064687	
	0.915024263	1	0.754391029	0.660070005	0.746704051	1
	0.840538847	0.332672038	0.887865062	0.84367672	1	1.216100445
	1.621437868	1.051644115	1.124815531	1	0.815424483	0.799343541
	0.989384711	1.015810302	0.918329037	1	0.900026068	0.673005444
	0.569901139	0.62982574	0.637113035	1	0.934098666	0.742142856
	0.80455617	0.772396486	0.863744454	0.858987149		
YFR019W	YFR019W::FAB1::May regulate vacuole homeostasis; mutation causes pleiotropic effects on nuclear migration and orientation and separation of mitotic chromosomes				0.467889054	0.564853719
	0.478237573	0.59202787	1.02288458	1.340626153		1.152246558
	0.722420741	1.786737465	1.414639156	1	0.807893092	
	4.662230914	1	1.04441843	1.728809851	8.705915222	5.094333368
	1.111677846	1.069994601	0.96311885	1.032220809	1.063213778	1
	0.940105732	1.012747199	0.790241125	0.758225074	0.838973367	1
	1.120571787	1.136807391	1.050769937	1.187702572	1.038936994	1.588381945
YFR019W	YFR019W::FAB1::May regulate vacuole homeostasis; mutation causes pleiotropic effects on nuclear migration and orientation and separation of mitotic chromosomes				1	0.963921021
	1.062971372	0.999522747	0.90329963	0.925325742	1	1.068152925
	0.965694426	0.777947531	0.92811802	1.433302604	0.707399485	
	0.825219923	1.028723687	1	2.13765781		0.976761295
	1.032012652	1.210002726	1.306207644	0.860311779	0.988057742	1
	1.76401403	2.420888366	1.886136352	1.898454697	1.590366422	1
	0.979249675	1.627026569	0.953481945	1.135957422	1.211767812	1.068261305
YFR021W	YFR021W::AUT10::Required for cytoplasm to vacuole targeting of proaminopeptidase I and starvation induced autophagy (AUT10). Needed for pre-Meiotic Replication (NMR1).				1	0.818287322
	0.789330431	0.956580989	0.751260769	1	1.144745947	0.941207279
	0.860845924	1	1.615812089	1.069237392	0.706304065	1
	0.902875729	2.947082907	1.051872843	1.335581455	1	1.084589522
	0.846386205	1.356405846	1.043324402	1	0.886238101	0.679085162
	0.902262686	0.911553545	0.656051737	1	0.729731129	0.674832291
	0.918040587	0.546875719	0.738254707	0.73902664		
YBL106C	YBL106C::SRO77::Suppressor of defect in the small GTPase Rho3p					1
	1.084365978	0.884816909	1.126126988	0.757948572	1	1.082782752
	1.082238739	0.942664848	0.864603578	1	0.9487944	0.882429568
	0.635763596	0.917394767	1	1.113411478	2.340838168	1.494783152
	0.810920022	1	0.546563828	0.412800633	0.252002606	1
	1.020181275	1.074968969	1.046031953	1.460199378	1.18734644	1
	0.914798836	0.692236828	0.607562569	1.010248876	1	0.64929119
	0.489647335	0.72280223	0.628818717	0.577911863		
YBL108W	YBL108W::YBL108W::molecular_function unknown					1
	1.256408949	1.449376386	1.167055339	1	1.323447298	1.313594163
	1.169098319	1.066515102	1	1.327060642	1.426103117	1.137903764
	1.359727997	1	1.272620053	1.624710783	0.795656281	1
	0.432299034		0.148870466	1	1.113450516	1.267431111
	1.189171318	1.095008065	1.118442877	1	1.070521407	1.218780092
	1.133293886	1.655698084	1.31212206		0.861297226	0.820308208
	0.828939362	0.722958828	0.868204573	0.638329872		
YBR009C	YBR009C::HHF1::Histone H4 (HHF1 and HHF2 code for identical proteins)					
	0.871751201	1.043157298	0.691014195	1.324545101		
	0.636842956	0.605208481	1.07190884	1.074235522		0.602816
	0.783768293	0.604148645	1.039686353	1	0.657222565	0.343596804

	0.242751984	0.617250814	1	3.521131131	2.456296099	1.014359724
	1.850627075	1	0.776525291	0.680596591	0.528583363	0.796826164
	1.079414847	1	0.476512121	0.969849078	0.568803321	1.027590082
	1.363148996	1	0.690968348	1.376888885	1.172634405	1.505198401
	1.701915022	1.484182726				
YBR011C	YBR011C::IPP1::Inorganic pyrophosphatase	1			0.990541498	
	0.89439104	0.853584642	0.884833083	1	0.849070882	0.856337264
	1.005150578	0.924554994	1	0.920370827	0.946913591	1.021587654
	1.030767439	1	1.145248626	1.14750883	1.015206244	0.950567879
	0.612453118	0.389474249	0.713584583	0.752208423	1	1.351846022
	1.075450246	1.691678541	1.555932022	1.363962602	1	1.295699337
	1.241571452	1.018741556	0.847595484	0.840149344	1	1.04943618
	1.178899431	1.120125049	0.932136857	0.951563239	0.919405158	
YIL131C	YIL131C::FKH1::forkhead protein				0.898839533	0.753897517
	0.900107538	0.87030344		0.719440179		0.93174752
	0.765576309	0.719247568	0.649722689	1.245273964		
			1	0.911813917	0.782046485	0.948143217
	1.057429936	1.086536137	1	0.930113904	0.714304778	0.681430406
	0.813608397	0.688369525	1	0.655372483	0.77652312	1.16668428
	0.777327059	1.090997377	0.946549518			
YBR012WA	YBR012WA	1	1.142479207	0.852940755	1.522342768	0.709470655
	1.293504452	1.220105621	1.076742163	0.875394741	1	1.601240155
	1.851670501	0.709862221	1.381368589	1	0.932630516	0.969470482
	0.833800978	0.511648324	1	0.403686907	0.283849836	0.378606349
	1.060383044	1	0.870736495	0.908767087	1.237227909	1.181084235
	0.896574223	1	1.068211719	1.39305891	2.549351591	5.232948338
	1.971237128	1	0.885271332	1.687552418	2.128728195	0.942837058
	0.951484122	0.761792884				
YIL133C	YIL133C::RPL16A::Homology to rat L13a	1			1.557126986	
	0.976954546	0.764650096	1.349796774	1	0.998386299	0.94713543
	0.942808403	0.991509089	1	0.88060115	0.763184548	0.635936593
	0.804035267	1	0.916198899	0.300402292	0.276158352	0.413822466
	0.931976513	0.433131126	0.276731236	0.621992692	1	1.057399295
	0.904829102	0.828230563	1.021123437	0.998618146	1	1.122966166
	1.301958094	0.764367912	0.596714824	1.233407499	1	1.169597596
	1.226961792	0.80281598	1.196684725	0.897221666	1.018350701	
YBR013C	YBR013C::YBR013C::molecular_function unknown	1			1.276861315	
	1.192097832	0.976520348	1.45883286	1	0.832591084	0.900228352
	1.275299796	1.209216235	1	1.095631397	1.2402735	2.666286918
	0.50258666		0.555167467	0.574874999	1	1.455263309
	2.595494406	2.127289837	1	1.04658744	1.252564303	1.122256565
	0.956293537	1.103328482	1		2.108123706	2.965518774
	3.695886361	1	0.950007932	1.494436019	1.440195179	1.030659753
	1.587530473	1.536720116				
YIL135C	YIL135C::YIL135C::molecular_function unknown	1			1.341388748	
	1.20704106		0.984855869	1	1.141883034	1.085255032
	0.945986836	1	1.463502876	1.364027828		1.32405528
	0.858120144	1.376660888		0.764666236		
	1.618371743	1.637872907	1.16765546	1.170936248	1.119758861	1
	0.806719202	0.884318073	1.145993915	0.694706157	0.844701917	1
	1.22760873	1.140557229	1.116362945	0.969259003	1.019333312	0.986828225
YBR015C	"YBR015C::MNN2::Probable type II membrane protein involved in mannan synthesis. Catalyzes addition of first mannose to branches on poly 1,6-mannose backbone of outer chain of cell wall N-linked mannans."	1			0.851051029	
	0.696379235	0.884446137	0.606653375	1	0.983829101	0.918716501
	1	0.821644995	0.675935266		1	0.72660614
	0.549948142	0.520061114	1	0.785775028	0.37218988	0.422936175

0.749929442	1	0.90825822	0.778827091	0.958605999	1.467181855		
1.170064303	1	0.760548756	0.36451734	0.677228617	0.775311677		
0.301249439	1	0.428227306	0.287672565	0.747731914	0.382291357		
0.460265183		0.472836979					
YFR023W	YFR023W::PES4::Suppressor of DNA polymerase epsilon mutation					1	
			1			1	
	1	1.100272319	1.8243325	2.335435136	1	1.338022629	
3.303795684	3.272703937	1.785987807	1			1.091527942	
1.223199283		0.591474638			1	0.514744172	
YIL137C	YIL137C::YIL137C::molecular_function unknown					1	1.18333012
0.779804677		0.625266308	1	1.316290658	1.27221979	0.680459214	
0.707018327	1	1.295059945	1.160527464	0.864516127	0.891855753		
1.971256516				0.677545214		1	
1.050977331	1.091475185	0.705105929	0.965223989	0.89635235	1		
0.851201311	0.660424121	0.924750858	0.750424501	0.504224992	1		
0.921987639	0.960651348	0.990904585	0.784296864	0.708899649	0.865116491		
YBR017C	"YBR017C::KAP104::Karyopherin of 103,613 Da. Similar to yeast karyopherin beta (Kap95p; YLR347c)"					1	1.213032352
0.862933576	1	1.086055923	1.117408337	0.941216183	0.792784339	1	
1.219014532	0.915894474		1	0.814704286		0.519936261	
1	0.790800664	0.786992333	0.57432437	0.867518869	1	0.96326501	
0.853794797	0.965705116		1.149770245	1	1.065351894	0.751155186	
0.921014877	0.940034676	0.482922515	1	0.773257953		1.018937869	
0.656267197	0.642980202	0.739902305					
YFR025C	YFR025C::HIS2::Histidinolphosphatase					1	0.983830361
1.135418441	1.323010999	0.932205294	1	1.234223889	1.366937232		
1.471879337	1	1.220503963	1.297631762	1.26561036	1.167587829	1	
1.744059914	1.416915715	1.119063147	1.071881724	1	1.232302011		
1.245672811	1.100308963	1.101193414	1	1.14236127	1.064767683		
1.248582557	1.025179221	1.23159025	1	1.09437787	1.111844339		
1.4754379	1.028110408	0.825566822	1	1.173907722	1.118892105		
1.286856412	0.955831973	1.22592867	0.922907714				
YIL151C	YIL151C::YIL151C::molecular_function unknown						1.231287
1.017512889	0.829186746		0.854773932	0.765572283	0.734038947		
0.837581575	1.003085845		1.212971494	1.200240466			
1.590726159						0.871923402	
0.83664449	0.898179813	1.283690821	1.073610364	1	1.164663897		
0.795155604	1.111112995	0.865356307	0.870448294	1	0.792406949		
0.908460296	0.612293488	0.670676056	0.81392947	0.47896632			
YBR031W	"YBR031W::RPL4A::Homology to rat L4, Xenopus L1, Drosophila L1"					1	
1.155267163	0.777524569	1.167093102	0.855739362	1	1.073354671		
0.913535255	0.916436317	1	1.128701696	1.042745285		1	
0.870820613	0.609369111	0.660896821	1	0.900156505	0.445045032		
0.360347185	0.681241389	1	1.152327317	0.693639326	1.168353528		
1.324418304	1.199840175	1	1.077742855	0.637826283	0.756408655		
0.423590094	0.367804711	1	0.906034197	0.298912307	0.655407555		
0.522054236	0.476590434	0.604180558					
YFR027W	YFR027W::ECO1::Establishment of Cohesion					1	1.03935832
1.570599462	1.35054306	1.681907462	1	1.17981345	1.100332694		
1.485231519	1.427333532	1	0.972803653	1.035961365	1.27218395		
1.429164496	1	0.694669361		0.47808271	0.751096092	1	
1.137167718	1.262144031	1.27801728	1.548157376	1	0.839961995		
0.998206372	0.805597092	1.008957969	1	0.914280185	1.16920415		
1.431781684	1.373444787	1.449226948	1	1.142294878	1.123414998		
1.135660001	0.688362605		0.978071994				

YIL153W YIL153W::RRD1::Resistant to Rapamycin Deletion 1 1.170320271
0.9311101713 0.362089599 1 1.000142945 0.984498459 0.494553857
0.635504625 1 1.378592041 1.315989714 0.861463863 0.884113274
0.269426936 1.22004699 1
0.862843731 0.669906189 0.956304556 0.78164511 1 0.821539446
0.985325709 1.049612462 1.073756713 1.028725538 1 0.978579556
0.896359819 0.974226396 0.608115519 1.22768654 0.883504567
YBR033W YBR033W::EDS1::Expression dependent on Slt2 1 1.318386762
1.275995474 1.24063048 1.282081225 1 1.183326126 1.18140789
1.200197563 1.307141198 1 1.263139593 1.112016937 1
1.176078404 0.976208175 0.948870503 1 0.851706665 1.166921669
1.049841587 0.897627553 1 1.210661592 1.026228216 0.857411474
0.981465044 1.107927017 1 1.087703131 1.045188793 1.340997107
0.865626325 1.185606757 1 1.29369558 1.393116933 1.766120772
1.557012873 0.888758347
YFR029W "YFR029W::PTR3::Regulator of expression of the PTR2, GAP1, and BAP2
genes; involved in the the control of peptide transport" 1.009655331
1.190064761 0.954896653 0.962326508 1.109026858 1.06323377
1.099733378 0.95528908 1.191164387 1.1106028 1.173240204
0.939829419 1 1.366799648 0.813237553 1.284503374 1.191164046 1
0.861126486 1.784773356 1.278999122 0.624579166 1 1.018555525
1.102870205 1.030082474 0.946163097 0.862540979 1 1.127494092
1.40711423 1.283316172 1.240015796 0.939409789 1 1.079003468
1.119465859 1.004365021 1.116690196 1.153255473 1.135684372
YIL157C YIL157C::YIL157C::molecular_function unknown 1 1.285232497
1.320791335 1.027253216 1.22597673 1 1.284283447 1.109289711
1.524614068 1.529045114 1 1.043212345 1.207434199 0.721807653
1.126492779 1.058224059 0.559768316 1.038249262 0.913198501 1
2.30831615 1.439314668 1.732956326 1.557028636 1 1.104213162
1.14524217 1.167573297 1.037654004 1.227861821 1 1.024967526
1.144505065 1.064922947 0.886936622 1.162111135 1 1.086682112
0.858937061 0.873038685 0.795297588 1.414324493 0.983325775
YFR042W YFR042W::YFR042W::molecular_function unknown 1 1.487673632
1.595903623 1.706578486 1.427340755 1 1.552502592 1.4227982
1.412311303 1 1.225569192 1.324042058 1.28946672
1 1.10710051
1.054621956 0.80812884 1.067915973 1 1.136103283 0.97335251
1.497758495 0.892486068 1.102988368 1 1.259303362 1.249039395
0.83811706 1.335006254 1.18281587 1.269654842
YIL159W "YIL159W::BNR1::Bni1p-related protein, helps regulate reorganization
of the actin cytoskeleton, potential target of Rho4p" 1 1.276408682
0.853649551 1.23708934 0.923826781 1 1.166451555 1.036513626
0.820733418 0.917245227 1 1.039643048 1.000597669 1.127501314
0.932810485 1 1
0.936653944 0.701295646 0.930986727 1.056226921 1.017303949 1
1.007491671 1.039910855 0.736914644 0.742263896 0.823602342 1
0.62549589 0.995235186 0.891545386 0.596369419 0.889692425 0.770549116
YFR044C YFR044C::YFR044C::molecular_function unknown 1 1.051502346
0.739858618 0.878730443 0.731897456 1 0.96168019 0.90690456
0.722912256 0.868485622 1 0.972393665 0.857140836 0.85575989
0.649506702 1 2.147638347 1.254433191 1.816727306 0.921440539 1
0.753300713 0.624479268 0.634888358 0.499002418 1 1.049759034
0.87006772 1.011732071 0.941247577 0.715691005 1 1.393253403
1.022678302 0.919103395 0.654854445 0.523113417 1 1.255742741
1.051922591 0.701209834 1.05993234 1.049290858 0.789812857
YIL161W YIL161W::YIL161W::molecular_function unknown 1 0.597484581
0.816594787 0.785635512 0.860028867 1 0.661765858 0.695465635

0.875988548	0.896272194	1	0.687253574	0.853842274	1.473484462
0.952761935	1	0.676014812	0.646885035	1.337459603	1
1.306568979	2.015349999	2.391793058	1.761469681	1	0.778224685
0.955323379	0.58398452	0.603461065	1.010170093	1	0.812048423
0.975367151	1.550115653	1.871533674	1	1.1400839	
0.807890076	2.372282816	1.108540012			
YFR046C	YFR046C::YFR046C::molecular_function	unknown	1	1.203041132	
1.281599894	1.78834179	1.407074579	1	1.456939922	1.284798908
1.649126832	1.606558675	1	0.947541432	1.499234394	1.536639629
1.565776688	1	0.626443469	2.110609915	1.720746113	0.641285741
0.610667344	0.308428636	0.19658956	0.337039096	1	1.15204661
1.167115862	1.089775674	1.651723888	1.926403561	1	0.893802975
0.404406402	0.765375236	0.667594306	0.258819273	1	0.739074811
0.433846547	0.375986667	0.481091576	0.698069666	0.422926401	
YIL175W	YIL175W::YIL175W::molecular_function	unknown		0.956710011	
0.759591601	0.651014406	0.940735668	0.833671942	0.829437463	
0.859884051	1.230950305	0.926560078	1.027938403	1	
0.979752257	1.317338269	1.075636202	1	0.840272154	0.77994554
1.410497578	0.569641143	1	1.262345862	1.244436105	1.823320503
1.597344766	1.3508446	1	1.680366549	0.838555812	
1.156702474	1	1.315154465	1.474152979	0.940225103	
1.082271213					
YFR048W	YFR048W::RMD8::Required for Meiotic nuclear Division	1			
0.712481536	0.764542404	0.953918612	0.822421478	1	0.893487169
0.870238413	0.723516102	0.781566791	1	0.755263342	0.763716478
0.638104965	0.907518108	1	0.867269229	0.868887997	1.232290805
0.890003707	1	0.899791719	1.227841092	1.132181062	1.151378687
0.872127616	0.871408396	0.931168929	0.94791964	1.05014862	1
1.016230344	0.94996428	1.06416631	0.923970591	0.746360106	1
0.964744316	1.08187246	1.167296889	0.901892695		
YFR050C	"YFR050C::PRE4::B-type subunit of proteasome, euk. & archae. multicatalytic proteinase complex likely involved in an ATP/ubiquitin-dependent nonlysosomal proteolytic pathway. eukary: the proteasome is composed of ~24 subunits forming a ring-shaped structure"	1	1.2739028	1.346979152	
1.274143398	1.369724994	1	1.222467464	1.267465321	1.407324835
1.316028967	1	1.168313047	1.636633669	2.057923777	1.065506012
1.103356979	1.128488453	1.362925688	1.192863718	1	1.329839253
1.187584566	1.643846647	1.197492207	1	1.431896811	1.470875658
1.186842533	0.842980346	0.962353252	1	1.677664944	1.940041792
1.952664504	0.95933642	0.900452397	1	1.345793992	1.78813399
0.478319324	1.226536955	0.981434743	1.432520897		
YFR052W	YFR052W::RPN12::Part of 26S proteasome complex that may activate Cdc28p	1	0.796273134	1.08391272	1.000575345
1.39344911	1				
0.919543523	1.074924767	1.182814419	1.102089946	1	0.845734846
1.164661231	1.645743746	0.937047879	1	1.474596691	1.553334816
2.04424275	2.414242367	1	1.694154715	3.294616288	3.606757811
1.843410736	1	1.25857057	1.436348384	1.114176836	0.692253768
0.945505236	1	1.258638771	2.233112126	2.04889387	1.000674802
1.60860628	1	1.400144204	1.865543838	1.166832446	1.407854253
1.355490423	1.802909829				
YBR035C	YBR035C::PDX3::pyridoxine (pyridoxiamine) phosphate oxidase	1			
1.286192794	1.426790649	1.413431218	1.364543453	1	1.319030017
1.321577123	1.693992088	1.707175045	1	1.543336881	2.080975861
1	1.473953594	0.870782936	0.998932489	1	1.070073466
1.62404805	1.12371259	1.23927174	1	1.317118277	1.593837493
1.42548515	1.116852623	1.195565354	1	1.212621205	1.516033547

1.523366333 1.30452432 1.223207785 1 1.102272151 1.153492257
1.040034055 0.728689025 1.348426028 1.28541608
YBR037C YBR037C::SCO1::inner mitochondrial membrane protein 1
0.910337598 1.096722223 0.851064831 0.768330158 1 0.889399487
1.066109918 0.950722601 0.832674469 1 0.962222396 1.03365773
1.351330833 0.862997153 1 1.51708254 1.192762025 1.118012219
1.503847496 1 2.029786362 1.569249566 1.728550985 2.327736052
0.847663501 0.976341855 0.972181983 1 0.802492267 0.946738386
1 0.896918462 0.856473174 0.825945299 0.53412372
1.093191384 1.242510482
YBR039W YBR039W::ATP3::participates in catalysis of ATP hydrolysis/synthesis
and in the assembly/stability of F1 1 0.841606798 0.769512186 0.855442542
0.994373556 1 0.87691355 0.918447138 1.017780536 1
0.725768259 0.709206504 0.700414316 0.952783859 1 1.628124248
1.266685111 1.158068987 1.553459118 1 1.181575979 0.54090221
0.899732779 1.431229298 1 0.927342918 0.730920334 0.610836746
0.807389431 1.081469068 1 1.140766764 0.821974067 0.653323321
0.633405864 0.754218787 1 0.834639188 0.683921518 0.510598229
0.768457463 0.864133137 0.923783274
YBR041W YBR041W::FAT1::Putative membrane-bound long-chain fatty acid
transport protein homologous to mouse fatty acid transport protein 1
0.878830698 0.681046529 0.962413978 0.808717775 1 0.94699301
0.9955024 0.774464198 1 0.961337678 0.948818659 0.709694315
0.984869683 1 1.225546992 0.912402639 1.057701022 0.812802839 1
1.229835312 0.78683465 0.888681802 1.068308534 1 0.92753026
1.155399781 1.029010282 1.091629234 1.248239259 1 0.670327529
0.70482814 0.741352055 0.613705561 1.156991238 0.864390835
0.830863071 1.127018987 0.729394796
YIL177C YIL177C::YIL177C::molecular_function unknown 1 0.922498423
0.646678905 0.945768753 0.437283673 1 1.091199262 1.163054402
0.517334514 0.544613772 1 0.867948288 0.890467237 0.381299007
0.841245543 1 0.867097321 0.736093386 0.738407359 0.503262676 1
0.598240181 0.407782623 0.362766153 0.695568927 1 0.836603214
0.981875266 1.325009724 1.13110115 1.085400517 1 0.777985967
0.746130481 0.894062574 1.098763028 0.539391358 1 0.766302137
0.893110267 1.099981085 0.786365195 1.029570467 0.760041607
YBR055C YBR055C::PRP6::RNA splicing factor 1 0.955103413 0.875108735
1.087654231 0.883237876 1 0.978078078 1.026284333 1.055261361
0.928983929 1 1.176505259 1.093588976 1.01672778 1.264984961 1
1.416377527 1.41205565 1.295070229 0.937500806 1 0.772602746
0.67788079 0.710140442 0.744801662 1 1.224527272 1.031444628
1.049242916 0.915715246 1.16737918 0.827052493 0.85800331
0.917131883 1.146322921 1.28681396 0.838323585
1.052837713 0.797618831 0.95705708
YIR002C YIR002C::MPH1::Mutator PHenotype; Similar to ATP-dependent RNA
helicases 0.886526675 0.965263435 0.943510168
0.729786297 0.97415069 1.035504914 0.649722689 1.35687879
1.340231093 0.936038225 1 0.582759016
0.532790656 1 0.917116086 0.901341863 0.874428027 0.936895721
1.068876101 1 0.979185 1.031428885 0.919620616 0.951002139
0.925237792 1 1.115258398 1.285490899 1.033887391 0.780703955
1.037871227 0.95530575
YBR057C YBR057C::MUM2::Muddled Meiosis 0.959172554 0.922442583
0.90122567 0.990716593 1.059938601 1.048216015
0.892167691 1.054543827 0.871750227 1.118005399 1 0.850082669
0.605271582 0.692705363 0.90739271 1.215390382 0.716778349
1.029810729 0.886014207 1 0.908141512 0.968271381 0.802200088

1.217848989 1 1.029676958 1.196759227 0.875698621 1.033502569
1.420282332 1 0.985895999 1.264609692 1.296339889 1.206242853
1.387492473 1.123425585
YIR004W YIR004W::DJP1::DnaJ-like protein required for Peroxisome biogenesis;
Djp1p is located in the cytosol 1 0.602368338 0.872245554 0.826345827
0.899266958 1 0.706781814 1.000383262 1.012532455 0.792084712 1
0.702761181 0.966098872 0.762245382 1.019869351 1.455639834
0.770348718 1 0.948020601 1 1.0541397
1.104378714 1.032101566 0.753645481 0.974713207 1 1.188837132
1.272949924 1.341877466 1.108058564 1.110808178 1 1.31964537
1.496108839 1.3336028 0.671821546 1.354625445 0.956181415
YBR059C YBR059C::AKL1::Ark-family kinase-like protein. This protein is the
third member (After Ark1p and Prk1p) of the Ark-family kinases in *S. cerevisiae*.
1 0.903460889 0.868154132 1.077089469 0.776978648 1 1.058015237
1.084375913 0.978315267 0.809773653 1 1.252494032 1.264580469
0.917761494 0.995383264 1 1.353856591 1.028830436 1.401897125
1.107600125 1 1.894982395 1.97723624 1.018703889 1
1.016448415 1.096084106 1.046458352 0.943156151 1 1.047181164
0.732914417 0.982945403 1.162389668 0.622122528 1 1.015966029
0.926905269 1.120006269 0.494566841 1.170187934 0.826589061
YGL009C YGL009C::LEU1::leucine biosynthesis 1 1.081106664 0.872008089
1.367494639 0.825530418 1 1.292934134 1.305138352 0.836210461
0.886888378 1 0.638372561 0.577966884 0.653121202 1.176361313 1
0.536098573 0.195983507 0.588905988 0.888293758 1 0.367992614
0.278302073 0.337873177 0.770024958 1 0.346823747 0.306773743
0.449407522 0.997390741 0.78618507 1 0.118093153 0.074032788
0.066117134 0.079073904 0.34929215 1 0.155891534 0.070518823
0.160407712 0.710651479 0.668743227 0.745156034
YIR006C YIR006C::PAN1::Involved in actin organization and endocytosis 1
1.013435336 0.872865793 1.006429547 0.624986317 1 1.121218502
1.01819748 0.788098409 0.7266255 1 1.376046156 1.010927042
0.7785577 0.960209356 1 0.886466485 0.877007284 0.970651743
0.918023486 1 0.879841647 0.873938014 0.906724012 1.156876512 1
1.012818219 0.821224089 0.949859834 1.003262378 1.197563199 1
0.90156377 0.661641621 0.746407928 0.716254685 0.646721278 1
0.894509125 0.932615011 1.041646036 0.663524799 0.915286901 0.83446968
YBR061C YBR061C::TRM7::tRNA methyltransferase 0.938240724
0.737954066 1.322766683 0.895756656 0.960107283 0.769965755
1.336904745 1.345582193 0.567852655 0.756267627 0.844873206
1.334362042 1 0.539966818 1.321174236 1.6179849 0.415373449 1
0.79878414 0.329884918 0.226065652 0.416127131 1 0.96448983
0.762125189 0.945032852 0.850987687 1 0.956170152 0.88377446
0.724866477 1.01430458 1.151558479 1 0.745342979 0.520877395
0.682508166 0.517876968 0.654908472 0.759165994
YGL011C YGL011C::SCL1::Proteasome subunit YC7alpha/Y8 (protease yscE subunit
7) 1 0.787714061 1.056253249 0.838770065 1.194122076 1 0.792090413
0.995889141 1.087442975 1.062866314 1 0.763664634 1.066214392
1.39049329 0.884979449 1 1.360708086 1.369358743 1.728214379
1.947918376 1 1.433076058 2.023353049 3.074448809 1.490751468 1
1.108019965 1.358092572 1.078063166 0.719306919 0.94127147 1
1.470868469 2.490931497 2.373356352 1.037518334 1.542922438 1
1.332299626 1.810978157 1.281930198 1.499335968 1.403604253 1.45266025
YIR008C YIR008C::PRI1::p48 polypeptide of DNA primase 1 0.888739826
0.794490257 0.871221881 1 0.818789529 0.842806284 0.811127354
0.900080803 1 0.900461501 0.832237383 0.904258445 1.001288977 1
0.878051035 0.775794342 0.717533284 0.977364647 1 0.999588226
0.756122943 0.827515504 1.145423056 1 1.04530191 1.009085602

0.997555431 0.976836575 1.036800856 1 1.116763717 1.053849636
 1.216067687 0.944812779 0.903477157 1 1.015535851 0.962312679
 0.938761773 0.567029036 0.955134058 0.854609034
 YBR063C YBR063C::YBR063C::molecular_function unknown 1 1.034058174
 0.747357467 0.95711909 0.878022423 1 0.830246066 0.77409913
 0.761151675 0.914465067 1 0.70749746 0.711236236 0.660183467
 0.978600636 0.754810666 0.604659147 1 0.822672369
 0.987190776 0.917639778 0.760775499 1.135807099 1
 0.904837562 0.902050881 0.7929358 0.869662986 0.9245648 1
 0.82955902 0.780778724 0.946400998 0.473849639 1.076340661 0.626946802
 YGL013C YGL013C::PDR1::general positive regulator of permeability genes 1
 0.690176305 0.722855315 1.062586925 0.773742984 1 0.926386619
 1.02718637 0.791379885 0.881086857 1 0.878187182 0.98915722
 0.588506926 0.941629912 1 1.018663772 1.059087134 1.193670697
 1.106388057 1 0.71235986 1.205704251 0.881846413 0.875787503 1
 0.872092404 1.006687167 0.837479769 0.643900992 0.761789017 1
 1.343231391 1.114510615 1.572293988 0.900671567 0.719606969 1
 1.328114907 1.41499224 0.979084769 0.85445377 1.162500352 0.922032049
 YIR022W YIR022W::SEC11::signal peptidase subunit 1 1.336129811
 1.319491981 0.947373249 1.403789488 1 0.935207055 0.936499256
 1.469673114 1.375988394 1 1.200340293 1.28065171 1.842759153
 1.202338296 1 1.284968901 0.937192069 1.099062075 1.239475493 1
 2.135486576 1.974543268 2.016006089 1.427318933 1 1.346663928
 1.457420284 1.108297937 1.1318294 1.024524946 1 1.011341666
 1.393360619 1.325660915 0.965845383 1.400507039 1 1.062288095
 1.548897967 0.984047584 1.261618265 1.217245807 1.386988408
 YBR065C YBR065C::ECM2::ExtraCellular Mutant 1 0.802220104 0.708162324
 0.961811487 0.700802745 1 0.821776226 0.913105777 0.755082673
 0.745951231 1 0.953543508 0.898491227 0.727624542 0.985826764 1
 0.974075863 0.989036221 1.252131029 0.895633775 1 0.954603144
 1.074176999 0.962254763 1.059388913 1 0.874726665 0.847386492
 0.9283119 0.938302837 1.065639841 1 1.218430293 0.859592594
 1.056469629 1.083602679 0.580024671 1 1.012156141 0.65046236
 0.904013769 0.401620259 0.703102581 0.852857756
 YGL015C YGL015C::YGL015C::molecular_function unknown 1 2.157006151
 2.1081928 1.631972148 2.958783173 1 1.653853329 1.521792454
 2.24058171 1 1.496534105 1.230484708 1.974261782 1.442221616 1
 0.552658408 0.523652382 0.379931022 0.541337659
 1 0.755477297 0.593770726 0.818712318 0.801861334 1
 0.708641239 0.667179491 0.603763436 0.613534102 1.16266923 1
 0.857350631 0.922650193 0.974056856 1.592333046 1.044645916 0.980698884
 YIR024C YIR024C::GIF1::G1 Factor needed for normal G1 phase
 0.640269217 1.037463213 1.164973166 0.710697351 0.841360582
 1.133708817 1.021170307 1.080986727 1.557698413 1.097446719 1
 1.300987497 1.416783704 1.702215525 1 2.105202907 2.56178804
 3.129302549 1.771578446 1 0.954052954 1.192520638 0.745662885
 1.072331056 1 1.189022881 1.678182708 1.476407031 1.591570039
 2.404447508 1 1.284385612 1.342910361 1.171988211 0.301158647
 1.586473706 1.400998421
 YGL017W YGL017W::ATE1::arginyl-tRNA-protein transferase 1 1.124919976
 1.125446163 1.303684786 1.141413546 1 1.149415064 1.1940335
 1.05589586 1.145016772 1 1.133169383 0.960784056 0.936161509
 1.146583104 1 0.973748922 0.472459357 0.650118073 0.938358934 1
 1.581079575 1.319825522 0.823766374 0.875640944 1 0.968866625
 0.871725413 0.930445502 0.941848796 0.910740819 1 1.097048624
 0.842339577 1.098956586 0.88271583 0.885527751 1 0.95412282
 0.948756718 0.906559321 1.017751054 0.902038161 0.637454259

YIR026C	YIR026C::YVH1::nitrogen starvation-induced protein phosphatase	1
0.877872062	0.690678863 0.662810213 1 0.66277444 0.549809932	
1.075935817	1 0.859580789 0.436944529 0.394219558 1.135286392 1	
0.367897307	0.155002678 0.419799297 1 0.712586016 0.370703331	
0.263728164	0.699085823 1 1.124551579 0.806346855 1.044103909	
0.993803666	1 1.187505675 0.91041205 0.997555025 1.33463265	
1.080510098	1 0.940717837 0.694761666 0.943416282 0.533393246	
0.415114149	0.775802844	
YGL019W	YGL019W::CKB1::beta (38kDa) subunit of casein kinase II (CKII)	1
1.081122162	1.186745421 1.101862769 1.157655076 1 1.093076465	
0.991647598	1.255646481 1.339425084 1 1.158195057 1.279486978	
1.481153462	1.125328425 1 1.120411445 0.986605858 0.920471378	
1.169242341	1 1.326619418 1.629819156 1.645592497 1.084981335 1	
0.957828942	1.143723481 1.080100636 0.926551648 0.966333949 1	
1.37992802	1.523127772 1.343905877 0.904861506 0.987199073 1	
1.335938845	1.21258353 1.076325931 1.273637093 0.98977514 1.302928543	
YIR028W	YIR028W::DAL4::allantoin transport	1.017043031 0.882583923
1.284749808	1.12803826 1.125035599	
1.044077308	0.976272768 1.183757371 1.363731684 1 0.882627761	
1.501413581	1 1.312925166 2.065420765 1.000885868	
0.824679321	0.84642154 1.019068735 1 1.118341752	
1.443159531	1.765335396 0.94676342	
0.967024669	0.985077	
YGL033W	YGL033W::HOP2::HOmologous Pairing	1 1
0.879664269	0.978475695 1.441815658 1.120053072 1 1.503309534 1.325429023 1	
1	1 1.208972943 0.993405546 1.10056012 1.10997796 0.763109501	
0.954647176	0.896695501 0.87142238 0.914709459 1.10997796 1.109270822 1	
1.075340261	0.867932084 1.050850233 1.113063414 1.038635282 0.999073118 1	
YIR030C	YIR030C::DCG1::Product of gene unknown	1 1.142286241
1.345676231	1 0.894617141 1.228488987 1.275977589 1	
0.945651321	1.138826914 1.268606751 1 0.851497622	
1.302693724	1.343368154 1 1.335878462 2.248825188 1.165700459	
1.243196348	1 0.980918159 1.292046111 0.905534576 0.82009246	
0.976264658	1 1.09610981 1.767220211 1.568429464 1.702005942	
2.313188801	1 1.549417627 1.908578748 1.442912193 1.424002852	
2.080441812	1.166331183	
YGL035C	YGL035C::MIG1::Transcription factor involved in glucose repression	1
1	0.622360493 0.750740241 0.789649865 0.632818505 1 0.775735149	
0.799150674	0.651796084 0.64479578 1 0.50038895 0.683722254	
0.820265693	0.781282022 1 0.977878783 0.890488516 1.188456263	
1.268446482	1 0.743283414 0.89124661 1.109699463 0.781824751 1	
0.834916658	0.953418224 0.954064706 0.879881454 0.992056397 1	
0.63771083	0.796092344 1.012864275 0.803300542 0.811038651 1	
1.135455979	0.775272974 1.047886416 1.086591899 0.819584055	
YGL037C	YGL037C::PNC1::NAD(+) salvage pathway gene	1 0.790535639
1.71726845	1.547036766 1.541666768 1 1.377747984 1.871440677	
1.833206732	1.604491957 1 1.132045301 2.341486199 4.944853956	
1.374287771	1 4.177059787 5.154574797 7.423982311 7.360554977 1	
4.193241632	4.469983422 10.70104384 4.415070423 1 1.099902286	
1.729955265	1.740628968 0.661124002 1.115811702 1 1.828179293	
2.353450635	3.523850904 1.906914356 1.296518253 1 2.503624003	
2.414932177	1.676595194 1.336704146 2.207251746 1.17421175	
YGL039W	YGL039W::YGL039W::molecular_function unknown	1 1.166847235
0.968121653	1.044044714 1.147730106 1 1.204310473 0.996889306	
0.87479104	1.163388987 1 1.70120077 4.433236223 4.05914135	
3.513183256	1 0.941519608 0.968087746 0.900255615 1.074351855 1	

0.969803726 0.741241758 0.892037687 0.781092295 1 1.508091409
 2.324750435 2.503646311 1.390200819 1.581280668 1 1.562343368
 3.010959832 4.393188046 1.332563694 1.150495364 1 1.996022796
 3.189177663 1.726442614 1.664925215 0.846560524 1.594511286
 YBR079C YBR079C::RPG1::Exhibits significant sequence similarity with a
 subunit of the mammalian translation initiation factor 3 1 0.844603799
 0.517578192 0.483498549 1 0.920791663 0.998401097 0.47634248
 0.607578398 1 0.795621894 0.6332689 0.342829675 0.734905257 1
 0.686523302 0.798645566 0.390464785 0.426747306 1 0.393246366
 0.512930599 0.344872946 0.477451726 1 0.929213464 0.690209078
 0.759910021 0.954686714 0.950067688 1 0.819408771 0.433573769
 0.51938783 0.597667087 0.344963378 1 0.715857752 0.434708953
 0.847946413 0.427753618 0.541222264 0.721514177
 YBR081C YBR081C::SPT7::Transcription factor 1 1.019719301 1.014151679
 0.914035105 0.797402582 1 0.93545343 1.027370374 0.873977777
 0.900578656 1 1.036062067 1.070748449 1.171577565 0.905203933 1
 1.0676928 0.832139017 0.897082241 0.867836147 1 1.0549494
 1.321444733 1.049712695 0.995575972 1 0.947033114 0.83403897
 0.997208898 1.021200541 1.130330228 1 0.812239405 0.68602055
 0.886010666 0.873488716 0.572932305 1 0.797908599 0.772276576
 1.179525347 0.842256413 0.77610979 0.845852802
 YBR083W "YBR083W::TEC1::transcription factor of the TEA/ATTS DNA-binding
 domain family, regulator of Ty1 expression" 0.949322311 0.965717653
 1.067829411 0.928062626 0.98795403 1.062135402 0.922186053
 0.779347364 0.684798998 0.882135969 0.661408338 0.670607467 1
 1.335027462 0.813484001 0.732500393 1 0.415065407 0.506630112
 1 0.796676047 0.663406409 0.74224014 1
 0.757670167 0.948570885 0.90847315 0.784652685 1.304228687 1
 0.825618904 0.88345336 0.649118527 0.68386236
 YBR084W YBR084W::MIS1::mitochondrial C1-tetrahydroflavate synthase 1
 0.996074901 0.74343553 1.023790656 0.511565467 1 1.009877946
 0.9931442 0.629799183 0.583279947 1 0.982667826 0.670349039
 0.162896781 0.929934649 1 0.868389549 0.277239448 0.496722814 1
 0.43412144 0.576820549 0.796288098 1 0.93046339 0.607907215
 0.825413012 1.340295502 0.882378521 1 0.795138581 0.43362117
 0.450986747 0.460759005 0.336272968 1 0.666709619 0.450235582
 0.657465258 0.572863359 0.431134221 0.524498756
 YJL002C YJL002C::OST1::Oligosaccharyltransferase catalyzes the transfer of
 oligosaccharide from dolichol-oligosaccharide donor to consensus glycosylation
 acceptor sites (asparagines) in newly synthesized proteins in ER lumen 1
 0.77924903 0.572540798 0.773780113 0.549436473 1 0.783742706
 0.74855347 0.624337142 0.693762311 1 0.810552389 0.712498622
 0.570601268 0.661396077 1 1.638141385 0.192893443 1.36751694
 0.630679413 1 0.931245696 0.390102347 0.443133878 0.668403997 1
 0.982163178 0.965133865 1.015732436 1.339309205 0.929897739 1
 0.857259246 0.820877272 0.708790083 0.556324097 0.388658241 1
 0.952072326 0.759958002 0.903414199 0.667182216 1.002502141 0.743404756
 YBR086C YBR086C::IST2::Similar to calcium and sodium channel proteins 1
 1.089193144 0.708809403 1.018686533 0.586468658 1 1.037096192
 1.104081399 0.585521473 0.520546284 1 1.284113332 0.941414066
 0.390027907 0.722056712 1 1.10312778 0.324194475 1
 0.584493464 0.380983223 0.377831945 0.367665589 1 0.931765541
 0.954048014 1.245045863 1.574410752 0.918477627 1 0.79374555
 0.543914579 0.714052829 0.695804261 0.379207247 1 0.635082935
 0.526094884 0.890687148 0.613975014 0.737173733 0.598051217
 YJL004C YJL004C::SYS1::Multicopy suppressor of ypt6 null mutation 1
 1.28386181 0.987397482 0.852885112 0.901220425 1 0.852989827

0.833682691	0.971858161	1	1.175568977	0.982656628	1.028558099
0.941702647	1	1.110627233	0.430320294	0.891489889	1.077967191
1.439611036	0.882040996	1.455642677	1.244122068	1	1.253095897
1.017120253	1.386364287	1.409487332	1.221409314	1	0.810422627
0.894326809	0.840022034	0.61362641	0.849636699	1	1.005839381
0.86491459	0.964547003	0.766364068	1.026872921	1.20135611	
YBR088C	"YBR088C::POL30::Accessory factor for DNA polymerase delta, mRNA increases in G1, peaks in S in mitosis, & increases prior to DNA synthesis in meiosis; required for DNA replication & repair, required for viability in cdc44, rad50, rad52 or rad57 backgrounds"				
	1.007359144	0.629578537	0.609602018	0.948685707	1.004850073
	0.717351074	0.896944005	1.122991956	1.634911588	1
	0.465808479	1.790709334	1	0.795215269	0.591647159
	1.96422839	1	0.911743325	0.876191053	1.035006714
	1.112853254	1	0.989587507	1.607424237	1.027926798
	1.049606147	1	1.123367464	1.155917152	0.954042216
	0.981631695	1.677695592			1.211731124
YJL006C	YJL006C::CTK2::cyclin-related subunit of the kinase complex that phosphorylates the RPO21 CTD (carboxy-terminal domain); also called CTDK-I beta subunit				
	1	0.720091738	0.693505139	0.817245128	1
	0.632956315	0.906978259	1	0.625284417	0.630114562
	0.944577747	1	1.083348237	2.131610915	1.44029766
	0.46450262	0.86773797	0.438114999	1	1.019697543
	1.126283123	1.068144241	1.185089217	1	0.808008542
	0.86748268	0.969584397	1.151582642	1	0.945109284
	1.020316451	1.124126091	1.127886909	1.184719311	
YBR101C	YBR101C::YBR101C::molecular_function unknown				
	1.078460676	0.827228833	0.843877448		0.919771363
	0.94280423	1.363397249	1.187263094	0.973115083	0.77686927
	0.745412052	0.543665998	0.967259446	1	1.361898186
	1.438253669	0.940093147	0.807532079	1.141861714	1
	1.085264911	0.705438381	0.751582238	1.064447506	1
	0.858350539	0.70461176	0.953351791	0.660164585	1.274032958
YGL041C	YGL041C::YGL041C::molecular_function unknown				
	1.153622647	0.767048144	1.317692231	0.845088161	0.828180037
	1.23753134	1.11016733	0.75352	1.02915863	1.299445379
	0.858573328	1	1.14960819	0.672087377	0.818885165
	2.270054234	3.04819202	2.515106742	1.11039479	1
	1.219884854	0.632083088	0.873512124	1	1.151787148
	1.292023704	0.954675142	1.705752933	1	1.41603245
	1.154576722	1.995051034	1.498141658	1.356341598	1.346361796
YJL008C	YJL008C::CCT8::Required for assembly of microtubules and actin in vivo				
	1	0.63372464	0.595334824	0.875054662	0.527592954
	0.744202074	0.673710931	0.69316061	1	0.68646943
	0.48812772	0.731464486	1	0.874489126	0.74163386
	0.590754702	1	1.041125974	0.639083293	0.111907844
	0.850150315	0.952154944	1.196118592	1.000028466	0.729344983
	1.143515964	0.872119356	0.977818347	0.674359315	0.977155705
	1.075699864	0.813942369	0.85373526	0.569455773	0.39065185
YBR103W	YBR103W::SIF2::Sir4p-Interacting Factor				
	1	0.695831749			
	0.739091337	0.834643691	1	0.705903107	0.7298423
	0.815224585	1	0.799143276	0.853549299	0.857752383
	0.743953203	1.053687858	1	1.239613191	0.640403606
	1.258788048	1	0.99422204	1.174778137	1.044322323
	1.170231428	1	1.006280687	1.145291534	1.26556197
	1.122120594	1	0.988117404	1.037902682	1.113961521
	1.006696461	1.146191829			1.132989974
					0.925853694
					1.179000806
					1.176935063
					1.179000806
					0.966671972

YGL043W YGL043W::DST1::Transcription elongation factor S-II
Meiotic DNA recombination factor 1 0.886217585 1.052104887 1.039558804 1.099462342 1 0.900980018 0.968622926 0.974356528 0.870007281 1 0.870107287 0.881113988 0.831944483 0.871939272 1 0.777382662 0.69623281 0.671843226 0.940195692 1 1.168861585 0.919475816 1.05613483 1.039092854 1 1.098340513 1.085502528 1.004134884 0.945082668 1.067194972 1 1.237157864 1.138787923 1.044887769 0.979937777 1.221352124 1 0.945960218 1.048128525 1.036560173 1.175133354 0.873068731 1.04199261

YJL010C YJL010C::YJL010C::molecular_function unknown 1.04043755 0.729982307 1.288104137 0.743037474 0.985532605 0.902870033 0.855937117 0.835103555 1.12485469 0.838769563 0.43120084 1.289328544 1 0.86557769 0.920892689 0.640139347 0.565375164 1 0.391209348 0.328084187 0.336181899 0.563491964 1 0.857849395 0.780532935 0.813211063 0.92899875 0.876448833 1 1.051784342 0.824030247 1.051145858 1.787900892 1.234895778 1 0.687460917 1.202208986 1.444293561 0.758579848 0.786310354

YBR105C YBR105C::VID24::also involved in vacuolar protein targeting 1 1.373409767 1.215038384 1.289787856 1 1.279911718 1.116649954 1 1.214861797 1.011668705 1.007496871 1.375538053 1 1.132617119 0.988061612 1 1.148791292 1.239114851 1.211303598 1.146651122 0.95036754 1 1.471142431 2.009498686 2.159668563 2.032208328 2.139147975 1 1.683456806 1.798226467 1.269561602 1.386050435 2.408681235 1.045495061

YGL057C YGL057C::YGL057C::molecular_function unknown 1 1.342544133 1.212026462 1.216529456 1.706722999 1 1.143632119 1.128636102 1.564048079 1.356856265 1 0.961637206 1.069300943 1.45419942 1.160270508 1 1.020708044 0.798334811 1.334513496 1.682816973 1 0.843105689 1.97529848 1.360225946 0.999768045 1 0.945310195 1.031981641 0.726357312 0.754885637 0.841613336 1 0.892558412 1.164125004 0.921211447 0.840278133 1.121271855 1 1.301218094 1.196340279 1.89233541 1.535110604 1.144440604

YJL012C YJL012C::VTC4::Phosphate metabolism; transcription is regulated by PHO system 1 0.83395491 1.071605157 0.501373522 1 0.967709009 1.026867279 0.560130606 0.692759559 1 0.890564036 0.953591182 0.52233725 1.082870291 1 0.607594734 0.621361721 0.583619897 0.418523462 1 0.729312242 0.265244407 0.272523666 0.577829028 1 0.847448169 0.76570637 1.102758828 1.270278067 1.088993109 1 0.842266952 0.496373096 0.83304225 0.761912838 0.283951108 1 0.912292325 0.568314404 1.037622995 0.48485704 0.646876574 0.719762951

YBR107C YBR107C::IML3::Increase Minichromosome Loss 1 1.560079606 1.267975367 1.039039704 1 1.189719155 1.047249712 0.994154155 1.01617819 1 1.085220301 1.221990423 1.041546691 1 0.969477153 0.889470644 0.951779669 1 0.821831472 1 1.139162255 0.962912665 1 0.919690454 0.965670272 0.939646806 1.068932958 1.142332534 1 0.968694913 0.750380505 0.837380955 0.329216903 0.886644711 0.852857756

YGL059W YGL059W::YGL059W::molecular_function unknown 1 1.025500836 1.154773825 1.165213571 1 1.107382293 1.109967562 0.990668562 1 2.367321084 1.48958904 1.064100312 1.113844335 1 1.07387903 0.612149174 1.021527943 1.112015612 1 1.255852931 1.998898423 2.23072592 1.114422436 1 1.194955629 1.101793315 0.940836151 1 1.521133959 1.174923201 1.340561805 1.196368078 1.098556493 1 1.606254289 1.220357442 1.460355534 1.155465842 1.594788789 1.86332789

YJL026W YJL026W::RNR2::small subunit of ribonucleotide reductase 1 1.023840276 0.65102841 0.82873911 0.616786334 1 0.863477534 0.794770182 0.601723905 0.74100583 1 1.085407373 0.767882768

0.586749187 1.018344449 1 0.929506737 0.655415549 0.629766991
0.957625052 1 0.795090159 0.393684812 0.422267981 0.973145929 1
1.17331636 1.053999813 1.399380996 1.853103332 1.167854463 1
1.35885314 1.36177658 2.397941461 3.302996611 1.050996861 1
1.475585721 1.45035719 1.089326922 1.049197851 1.094321693 0.810827823
YGL061C YGL061C::DUO1::Death Upon Overexpression 1 0.89748763
1.141673674 0.958424021 1.404126618 1 0.825566548 1.035396806
1.166866978 1.341450602 1 0.752510253 0.82523411 0.956680264
1.153039593 1 0.644202331 0.416729287 0.874039207 1
1.049690751 0.938354889 0.88266504 0.883516362 1 0.863934359
0.9492218 0.657333661 0.702412579 1.03058202 1 1.00443364
1.303354061 1.174727446 1.290162154 1.415161759 1 1.066311806
0.954038021 1.084796946 1.43643595 1.186533961 4.313323928
YJL028W YJL028W::YJL028W::molecular_function unknown 1.013349218
0.825270862 1.000061298 0.909460306 0.879708433
1.209248921 1.106632033 1.491979284 0.44115939
0.390584929 1 0.807065468 1.012949316 1 1.07369679
0.931181755 0.989919014 1.283435605 1.297181827 0.608513
0.85138766 0.923709 1 0.74782283 0.603684523
0.281056374 0.913040194 0.732897299
YGL063W YGL063W::PUS2::pseudouridine synthase 2 1 1.155086479
1.011287381 0.85343683 0.754901786 1 1.150071671 1.058459535
0.832992573 0.903100656 1 0.969399929 1.081324338 1.035727163 1
0.805629934 0.989380365 1 0.707825781 1.313385339
0.922273899 1 1.139468895 1.143416492 1.18682406 1.485409056 1
0.768991346 0.752639363 0.896653137 0.921446438 0.662184204 1
0.859439384 0.717528182 0.772543542 0.812220249 0.817097998
YJL030W YJL030W::MAD2::spindle checkpoint complex subunit 1
0.975410397 1.111997348 1.127905149 1.174482648 1 0.955867065
0.932170931 1.141520707 1 1.018326923 1.142346398 1.247919485
1.142905503 1.570117926 0.778419213
0.759906667 1 0.976915333 1.408982238 0.798094005 1.121164986 1
1.385364396 1.683236737 1.624432344 1.404724623 1.161357237 1
1.226818099 1.493330631 1.203905493 0.780533262 1.227430985 1.186470537
YJL032W YJL032W::YJL032W::molecular_function unknown 1 0.933295762
1.547492451 1.163436712 1.455752965 1 0.929392294 0.932462591
1.672638547 1.471922623 1 1.138158222 1.709876679 2.443071154
1.270942792 1 1.41852882 1.40302578 1.639816731 1.807850686 1
3.105796563 4.689442766 5.121501538 2.37343543 1.006592235
1.384283057 0.817353749 0.585611193 0.91572652 1 1.243794174
2.204875326 1.592951442 1.250344717 2.108744425 1 1.524343169
2.520036341 1.375580038 0.403292789 2.047524913 1.831805415
YGL065C YGL065C::ALG2::glycosyltransferase 1 1.065399517 1.058081208
1.053602545 1.031567397 1 1.075824701 1.007157329 0.943756592
0.982963796 1 1.038314811 1.035242195 0.744730674 1.058370166
1.240644377 0.987898747 0.912368277 1.276277435 1 0.96724428
0.790963726 0.783293327 0.731340918 1 1.145139424 1.01254374
1.327658514 1.112330817 1.161402732 1 1.121646642 0.767654222
1.148288017 0.787253356 0.562765 1 1.011496952 0.71983373
0.742551128 0.8824005 0.764532595 3.168007659
YGL067W YGL067W::NPY1::hydrolyzes the pyrophosphate linkage in NADH and
related nucleotides 1 0.941428167 0.864159453 0.906511995 0.865463134 1
0.984563347 0.93845201 1.027256432 0.954491273 1 0.873139379
0.922008807 0.911765526 0.917909804 1 1.168454579 1.842900988
1.749613366 0.724314328 1 0.573961042 0.543058656 0.468470119
0.493210366 1 1.211152125 1.241756932 1.348105015 1.240775376 1

	0.925149437	1.126940182	0.843531176		0.830193259	1	0.8961995
	0.907646508	0.844614134	0.950395395	0.884465386	0.910648927		
YGL081W	YGL081W::YGL081W::molecular_function	unknown				1	1.343532825
		1	1.568034152	1.583081232		2.162742369	1
	1.319637279	1.898398344	2.150976306	1.728810214		0.802277181	
	0.995213063	0.76054031	1	1.246803903	1.557773117	1.837371202	
	1.068007112	1	0.878277203	1.138609217	0.783345239	0.779714088	
	0.917710363	1	0.728919422	0.838045485	1.104707794	1.083203319	
	0.765563203	1	1.007550083	1.044232886	1.22254854	1.157911878	
	1.524201064	2.251229391					
YGL083W	YGL083W::SCY1::Suppressor of GTPase mutant					1	0.751232197
	0.77743275	0.837949267	0.832368166	1	0.992530635	1.00163056	
	0.705544306	0.67505513	1	0.837913466	0.849446429	0.48407007	
	0.805396499	1	1.153628742	0.635735438	1.349689957	0.736009227	1
	1.023590308	1.519848908	0.494894924	0.804514936	1	0.995655675	
	1.064780981	0.984981171	1.067720373	0.90853907	1	0.936716648	
	0.635992113	0.728311082	0.838468055	0.642042632	1	0.881444628	
	0.816518146	1.041950277	0.86153293	0.861178906	0.906270811		
YBR109C	YBR109C::CMD1::master regulator of calcium mediated signalling						1
	0.998248707	0.816543075	0.865649134	0.824882284	1	0.874911913	
	0.820493365	0.773678873	0.843102539	1	0.948069271	0.92097652	
	0.944112736	0.844168218	1	1.05956418	0.945318951	0.857151269	
	0.946357059	1	0.936336927	0.611162431	0.644108981	0.882481871	1
	1.192914688	1.18027531	1.045597647	0.985159606	1.10460952	1	
	1.055821498	1.744866303	1.253271062	1.05911929	1.392187986	1	
	1.067867613	1.389369124	0.869435979	1.038225066	1.091512206	1.372102836	
YBR111C	YBR111C::YSA1::Protein with weak homology to D. melanogaster serendipity protein and X. laevis basis fibroblast growth factor						
	0.675976594	0.829059487	0.807301415	0.982884826		0.629578537	
	0.716145075		1.162206417		0.630545538	0.873674216	1.304119722
	1.041644306	1	1.118037825	1.231212802	1.234443521	1.626612255	1
	1.853006117	1.740838413	3.651015572	2.714489956	1	1.222240777	
	1.333026287	1.395030448	0.963514992	1.185817856	1	1.146907419	
	1.954194655	1.939395786	1.735367854	1.924291705	1	1.243323712	
	1.319789014	1.29334836	1.333562363	1.798056376	1.393993415		
YBR125C	YBR125C::PTC4::Phosphatase type Two C					1	0.934601023
	0.674145572	1.219504535	0.687453319	1	1.058642173	1.073123732	
	0.782100353	0.670417031	1	1.270954016	1.23433165	0.479669978	
	1.110907443	1	1.161090189	1.43493864	1.010427059	0.564208701	1
	0.402783577	0.351959059	0.269423172			1.121859541	
	0.923437938	0.94143792	0.865969133	1	1.113785261	1.159325389	
	1.230379384	0.929487602		1.190817223	0.820308208	0.897756952	
	0.581141736	0.721150948	0.896639019				
YBR127C	"YBR127C::VMA2::vacuolar H-ATPase regulatory subunit (subunit b), 60 kDa subunit of V1 sector"					1	1.225079999
	0.841354747	1	1.248902706	1.202720199	0.857964325	1.08351367	1
	1.141197609	1.086516349	0.937681798	1.195190374	1	1.448822638	
	1.250003659	1.207729261	0.702658226	1	0.514691259	0.519686552	
	0.382684402	0.495397618	1	1.026486468	0.929473468	1.390070682	
	1.430677763	0.887909026	1	0.875974117	0.833450421	1.059187349	
	0.965760042	0.608485516	1	1.0807171	0.74895579	1.017279792	
	0.723017009	0.954812457	0.724141067				
YJL034W	YJL034W::KAR2::Involved in translocation of nascent polypeptides across the ER membrane					1	0.871948957
	0.864490382	0.998457833	0.641073623	0.617652168	1	0.819311644	
	0.818043796	0.632214171	0.634431462	1	1.993771181	1.883341363	
	2.967905105	1.546758729	1	0.803403597	0.36905273	0.57904936	

1.130117052 1 1.196251594 1.030817457 1.163859856 0.98608579
0.863951347 1 1.739888292 1.156362363 0.585066909 0.487311184
0.409956763 1 1.621180191 1.089386266 0.607634931 0.750806963
0.742984014 0.829215951
YBR129C YBR129C::OPY1::imparts Far- phenotype 0.988723428
1.015825678 0.971668894 1.232521916 0.92499619 0.78094963
1.160682463 0.90201091 0.676359539 0.80386491 0.96874121
1.012274664 1 0.734687801 0.89021311 0.733182811 1.007885232 1
1.673673585 1.375660027 1.278966111 1.708055391 1 0.782775215
0.843181838 0.7835353 1.052063499 1 0.748850072 1.166291459
1.015281067 1.02138704 2.294076799 1 0.896514799 0.957252411
0.96019173 1.050377144 1.479396331 1.400122756
YJL036W YJL036W::SNX4::Sorting NeXin 1 0.793161905 0.878075069
0.837943568 0.764452896 1 0.85493343 0.857699581 0.707974804 1
1.13116097 1.238917856 0.851594257 1.056198905 1 2.095546755
1.992878334 1.534526644 1.310329993 1 2.960836844 1.562346633
1.927075415 2.122902424 1 1.245578442 1.822552331 1.334943469
0.865154982 1.153191033 1 1.597307778 1.688678324 1.673033361
1.243082774 1.212339167 1 1.420850464 1.529332127 1.189220225
0.964770761 1.317412179 1.15144561
YBR131W YBR131W::CCZ1::Calcium Caffeine Zinc sensitivity 1
1.118780627 1.026708127 1.259759503 1.066036739 1 1.12150287
1.170181101 1.082116001 1.124352225 1 1.216241404 1.358711482
1.25734734 1.256426061 1 0.715508823 0.835664997 0.881304095 1
1.453529666 1.456431698 1.160867276 1 0.798024129 0.792701969
0.971746453 0.893714421 0.932806719 1 0.830687262 0.873963323
0.914068027 1.215627414 1.059203936 1 0.869848458 0.79607931
1.178251777 0.608256215 1.070079036 0.934290836
YJL051W YJL051W::YJL051W::molecular_function unknown 1 0.908991734
0.749343548 0.974691973 0.776468314 1 0.91631292 0.976019212
0.660314016 0.701204079 1 1.141588539 0.837140331 0.539920436
0.766561036 1 0.94705849 0.318655827 0.745126106 0.469027083 1
0.767293967 0.687613141 0.549639802 1 1.191704988 0.969679367
1.063475284 1.34022013 0.950011935 1 0.97322137 0.544468162
0.436462836 0.55396821 0.617318345 1 0.884876358 0.616350374
0.940705097 0.76811201 0.908671208 0.75216104
YBR133C YBR133C::HSL7::Histone Synthetic Lethal
 Negative regulator of
Swel kinase 1 1.278986707 1.040983248 1.232440941 0.931022958 1
1.20872342 1.23981388 0.945065732 1.013890114 1 1.498631018
1.219548895 0.845639007 1.16380244 1 0.839339508
0.833654536 1 0.961276345 0.749776744 0.631828351 0.820050659 1
0.871377349 0.794373817 0.992681841 0.977802294 0.953414756 1
0.923288358 0.684665728 0.753614687 0.687114218 0.516599559 1
0.765399318 0.774158519 0.987233527 0.853918158 0.914361382 0.892260903
YGL085W YGL085W::YGL085W::molecular_function unknown 1 1.17121564
1.248569082 1.107141165 1.328646052 1 1.133084489 1.088867938
1.405761158 1.297019728 1 1.005950755 1.120955449 1.288079474
1.133416035 1 1.355755561 1.116827897 1.555031046
0.7613652 0.754797838 0.421616604 0.583790959 1 1.028933438
1.147527469 1.110175613 0.928175735 0.959117371 1 1.041980512
1.144066315 0.960727764 0.705366611 1.088085157 1 1.157532718
1.134777343 0.961461794 1.351904402 1.14666035 1.45003336
YJL053W YJL053W::PEP8::Plays a role in delivery of proteins to the vacuole
1 0.849331074 0.92628637 0.763447101 0.894944757 1 0.753438674
0.82889505 0.772134616 1 1.075735583 1.051297192 1.002718234
0.891530819 1 1.469814884 1.466892876 1.297203436 1.190309637 1
1.569685762 1.755813329 1.434291628 1.232951791 1 1.162955778

	1.438428266	1.224932685	0.844828602	0.960137181	1	1.2994322	
	1.682017777	1.489030428	1.121061437	1.394418754	1	1.308306976	
	1.315551554	1.139123432	1.154948712	1.449462341	1.28629164		
YBR135W	YBR135W::CKS1::subunit of the Cdc28 protein kinase					1	
	1.080606505	1.070180509	0.8936536	1.009669909	1	0.95285563	
	1.053429122	0.965034568	1	1.189431837	1.100579412	1.212351282	
	1.10836708	1	1.072516063	1.00719082	0.840786592	0.897333316	
	1.222869715	1.443888294	1.272633583	1.275260436	1	1.048079246	
	0.823819375	1.217507565	0.835360547	1.583412595	1	1.273891015	
	1.385130232	0.995433339	0.894153459	0.992048349	1	0.913340839	
	1.126721471	1.268545455	1.022938854	0.786180683	0.986828225		
YGL087C	YGL087C::MMS2::Member of error-free postreplication DNA repair pathway					1	
	1.048931816	1.123455188	1.499143598	1.449956068	1	0.919798332	
	1.363610989	1.840460125	1.143118938	1	1.271766971	1.428241947	
	1.202003009	1.593614665	1	1.730929182	1.756925444	1.888955068	
	1.839073417	1	1.158300233	1.327554032	0.94455357	0.84735969	
	1.016409308	1	1.111591763	1.675921008	1.468511573	1.597335789	
	1.781959336	1	1.039852423	1.409834258	1.20789909	1.426114465	
	1.362827068	2.085736341					
YJL055W	YJL055W::YJL055W::molecular_function unknown					1	0.868643489
	1.152846911	1.638021623	1	0.892242472	1.01541254		
	1.892807027	1	1.116142019	1.206670646	1.863317298	1.590556548	
	1.589934861	0.257764947	1.364570102	1.265954817	1	2.212913061	
	1.872192966	2.462016615	1.980462358	1	1.299744179	1.516370656	
	1.386266942	1.19560872	1.200149226	1	1.197769931	1.697227251	
	1.295327187	1.061631737	1.723171938	1	1.576066344	1.845494575	
	1.118312746	1.507230073	1.622471353	1.338829134			
YBR149W	YBR149W::ARA1::D-arabinose dehydrogenase					1	1.089216024
	1.071234712	1.366580438	1.226523135	1	1.067798391	1.260355536	
	1.378756819	1	1.354465881	1.668123435	1.995742076	1.406807684	
	1.158736924	3.062466548	2.141430195	1	1.7213168	1.5213318	
	2.833136917	2.108265951	1	1.117702743	1.333956937	1.920800251	
	1.120024555	1.036032509	1	1.04509216	1.635951407	2.143669201	
	1.834546868	1.563672516	1	1.674458411	2.002726548	2.512383849	
	1.69860751	3.154273071	1.263525396				
YGL089C	YGL089C::MF (ALPHA) 2::alpha mating factor					1	1.754270479
	1.506514322	0.933704683	0.98322972	1	1.337597122	1.129953554	
	1.31363704	0.940424866	1	2.124228221	3.15812713	2.687662957	
	1.276820099	0.535161689		0.59137858	1	0.932034903	
	1.206724918	1	1.339917458	1.157498572	1.065953218		
	1.342466735	1.104817863	1	0.820843363	1.075824637	0.92484537	
	0.761610973	1.207234195	1	0.876361435	1.300636335	1.33491952	
	1.034513252	2.79324061					
YJL057C	YJL057C::IKS1::ira1* kinase suppressor					1	1.223400894
	1.272312911	0.908754635	1.057866161	1	0.972911867	0.955557406	
	1.289193329	0.95593887	1	1.250353349	1.354844159	1.470079151	
	1.032112963	1	1.256163726	5.431996257	0.718482567	1.147050126	
	2.220696068	2.09535084	1.64055033	1.04145737	1	0.890247996	
	0.926344961	0.735085349	0.677484012	0.999485955	1	1.417589353	
	1.566057133	1.64994352	1.12512823	1.446139295	1	1.509723231	
	1.987128494	1.136624488	1.785027908	1.621364287	1.520083213		
YBR151W	YBR151W::APD1::actin patches distal					1	1.064247522
	1.128234839	1	1.069326533	1.193971037	0.996866796	1.072495562	
	1.257465059	1.340064101	1.379058617	1.109760455	1	0.401660981	
	0.876584669	0.558233582	1	2.445369879	1.955881803	2.569212215	
	2.910119331	1	0.850983768	1.138894269	1.18422567	1.045418066	

	0.94191432	1	1.00473398	0.853480082	1.132685458	0.765493841		
	0.713044348	1	1.414369491	1.126027808	1.148852074	0.794138079		
	1.356436829		0.859862762					
YGL091C	YGL091C::NBP35::NBP35 encodes an essential evolutionary conserved protein with homology to bacterial partitioning ATPases						1	1.01909989
	1.063141869	1.185144331	1.392048647	1	1.069624571	1.039148144		
	1.316881298	1.348532288	1	1.44669985	1.431773743	1.407543908		
	1.182541096	1	1.267204835	0.85545122	1.233431385	1.47549334	1	
	0.99055691	1.76667469	1.527848153	0.713075876	1	1.393994036		
	1.684065524	1.088219556	0.974924082	0.996407583	1	1.614540701		
	1.812912529	1.736735875	1.058350841	0.904964237	1		1.655149615	
	1.086176321	1.229649573	1.044704228	2.161915745				
YJL059W	YJL059W::YHC3::Homolog of human CLN3						1	1.764203118
	1.280000592	1.205815839	1.432417627	1	1.244358386	1.276259407		
	1.350044498	1.107204848	1	1.501594791	1.254445912	1.498323436		
	1.13381394			0.670289466	0.829305277	1		
	1.148826629	1	1.134537744	1.216859561	1.443930061	1.135411752		
	1.080654658	1	0.898431036	1.091499249	1.207762004	0.883728177		
	0.823068257	1	1.274686958	1.134970753	1.122236096	1.02920241		
	1.116989767		1.28366475					
YGL105W	YGL105W::ARC1::associated with tRNA and amino acyl-tRNA synthetases; has affinity for quadruplex nucleic acids						1	1.033993476
	0.946220337	1.07833414	1	1.201486649	1.099140813	0.868816804		
	0.905274281	1	1.052590444	0.958667994	0.771656661	0.92171839	1	
	1.041961998	0.708712723	0.727548434	0.876616627	1	1.227682371		
	0.793905334	0.784555535	1.000928467	1	1.082060577	1.192543665		
	1.133487515	1.137736487	1.062553776	1	0.930527709	1.206103117		
	0.751960144	0.645164811	0.837239462	1	0.943431562	0.965602487		
	0.891717631	1.094976804	0.76785481	0.813454714				
YJL061W	YJL061W::NUP82::Interacts with nuclear pore complex and participates in nucleocytoplasmic transport; required for poly(A)+ RNA export						1	
	0.799891188	0.681343023	0.832521798	0.771549055	1	0.843052782		
	0.765678732	0.872097111	0.58416859	1	0.856388234	0.682195997		
	0.364571542	0.838591132	1	0.590986118	0.549475769	0.542158445		
	0.839961642	1	0.749525345		0.769021169	1.070262155	1	
	0.904181705	1.018769119	0.807406876	0.779277493	0.884812326	1		
	1.055257336	0.796557999	0.84031386	0.68264228	0.728470436	1		
	1.054451301	1.004274477	1.128873104	1.008001295	1.19205407			
YJL075C	YJL075C::YJL075C::molecular_function unknown						1	1.349286193
	1.583227189	0.970675873	1.698477588	1	1.093698606	1.035051272		
	1.443623171	1.537035741	1	1.208925989	0.970115911	1.601060531		
	1.290820092	1	0.485981071	0.432663999	0.599342385	0.6922787	1	
	0.846671326		1.282252493	0.893774905	1	0.737314038	0.709400953	
	0.675508236	0.801950341	0.627709538	1	0.979196616	1.279919741		
	1.046463864	1.077996436	1.775558527	1	0.860031414	1.003970361		
	0.930604222	1.17238227		1.045495061				
YGL107C	YGL107C::RMD9::Required for Meiotic nuclear Division						1	
	0.787569484	0.821297418	1.058497447	0.828121741	1	0.927367111		
	0.923865518	0.859151522	0.905453592	1	0.757664453	0.737438065		
	0.590486451	0.857100078		0.586834018	0.65845446	0.855435949		
	0.393488445	0.738024569	0.517328417	0.278306317	1	1.008354219		
	0.985443999	0.781195395	0.876327566	0.953546363	1	1.060307042		
	0.845296421	0.725518439	0.700651492	0.664407707	1	1.124803987		
	0.955601997	0.966793479	1.003720835	1.262891557	1.016599476			
YJL077C	YJL077C::ICS3::Increased Copper Sensitivity						1	1.39554962
	1.764702239	0.943117985	1.567251565	1	1.271470913	1.179392356		
	1.645115128	1.375100248	1	1.560487774		2.705661971	1.284792185	

0.64643913	0.496841898	0.591739489	0.814754313	1	1.777801363	
4.146462664	2.681730369	1.240707766	1	0.780504237	0.575230699	
0.695479247	0.770092753	0.824959527	1	0.981636765	1.241835877	
0.93332815	1.707088555	4.361474866	1	0.801511904	1.023668617	
1.077248986	1.551813825	1.869457232				
YGL109W	YGL109W::YGL109W::molecular_function	unknown	1	1.018879681		
1.445450281	1.152563577	1.523221836	1	1.009755992	1.104995741	
1.564326555	1.385343866	1	1.168900652	1.38386289	1.661375759	
1.197935121	1	1.101177799	1.289421167	1.081143755	1.503352096	1
1.562036654	3.031504874	1.973729929	0.953436686	1	1.084316666	
1.454546248	0.874589052	0.814730882	1.111156419	1	0.978067223	
1.252975771	1.239908208	1.083888681	1.488161084	1	1.187747093	
1.139432563	1.131620259	1.428095609	1.489776411	2.313398573		
YGL111W	YGL111W::NSA1::Nop	seven associated	1	1.131002469	0.877044096	
1.193028976	1.214996919	1	1.197012437	0.907516515	0.8655713	
1.282908954	1	0.691795864	0.595796877	0.569470199	1.157817248	1
0.371632998	0.237517705	0.293153168	0.503606901	1	0.48308915	
1	0.959831565	0.741828811	0.699438555	0.958121023	0.938881252	1
0.883814318	0.682595472	0.629367424	0.871350054	0.849920243	1	
0.656739938	0.670547515	0.745272604	0.958126325	0.423586725	0.915027042	
YGL113W	YGL113W::SLD3::synthetic	lethality with dpb11-1; Sld3p interacts with Cdc45 and is required for initiation of DNA replication.	1			
0.907631246	1.087053792	1.206592329	1.171690974	1	1.114567268	
1.254913206	1.048710556	1.196736629	1	0.90237151	0.923406694	
0.86933619	1.128482253	1	0.572582169	0.560837231	0.606772105	1
0.649109252	1.323548652	0.909164336	0.802133454	1	0.845103353	
0.810676435	0.801969491	0.945221545	0.983832591	1	0.802304655	
0.742142007	0.679646487	1.247822043	0.73926219	1	0.736779346	
0.806983595	1.102465	0.847946657	0.985016612	2.253856072		
YGL115W	"YGL115W::SNF4::involved in release from glucose repression, invertase expression, and sporulation"	1	0.945444189	0.976095688		
0.886472277	1.322055325	1	0.941278666	1.025776752	1.055538348	1
0.911858785	1.006073586	0.992620229	0.813733718	1	1.54766141	
1.230872033	1.225687827	1.42606222	1	1.838272412	1.925271322	
1.529887627	1.057384448	1	1.264684049	1.294823546	1.210460876	
1.110184991	1.098972555	1	1.096128459	1.326935143	1.097500967	
0.753965728	1.213201487	1	1.394631275	1.41926683	1.100683005	
1.647589762	1.479662009	1.246888598				
YBR153W	"YBR153W::RIB7::Protein involved in the biosynthesis of riboflavin, second step in the riboflavin biosynthesis pathway"	1	1.153820739			
1.092547972	1.146223715	0.982826328	1	1.06844139	0.962586941	
0.934656692	1	1.33128629	1.307025492	1.102858254	1.090839491	1
1.044821933	0.223605061	0.905448348	1.285542072	1	2.029236115	
3.336900428	1.877496452	1	0.822045487	0.873589143	0.886925256	
0.967528422	0.953974454	1	0.824454235	0.884052687	0.762620012	
0.933761346	1.12094885	1	0.901255549	0.929774864	1.055904805	
0.94707995	1.147411232	0.912400256				
YBR155W	YBR155W::CNS1::cyclophilin	seven suppressor	1	0.821255061		
0.852675305	0.857971521	1.096757367	1	0.73781038	0.73566993	
1.118838802	1.069277594	1	0.732464917	0.544344186	0.53300227	
1.124972305	1	0.343629949	0.373853892	0.255300973	0.621965877	1
0.655023501	0.62881878	0.913074045	1	0.828543564	0.810170684	
0.592191349	0.635425639	0.850801496	1	1.03572862	1.243902091	
0.96746556	1.295489523	1.890489826	1	0.847173383	1.002421663	
0.916909886	1.011789239	0.573190574	0.839723408			
YBR157C	YBR157C::ICS2::Increased	Copper Sensitivity	1	1.345545865		
1.567459351	1.712325807	1	1.21893006	1.044582734	1.667445042	

	1.44479623	1	1.743876455	1.545090495	2.08862849	2.233242814	1
	0.413696185		1.119662446	1	0.609519262	0.746216506	
	0.937508269	0.808438998	1	1.130979153	1.071727937	1.440891577	
	1.269953441	1.150270153	1	0.79116103		0.935207459	
	0.721535249	0.737564119	0.948848837	0.4146608		0.647086156	
YPL022W	YPL022W::RAD1::UV	endonuclease		1	0.933725481	0.781305667	
	1.330703193	0.758503763	1	1.12302637	1.219768678	0.928417815	
	0.678910638	1	0.987059154	1.072049031	0.457511912	0.989567642	1
	1.029232549		1.332967767	0.637889791		0.853334388	
	1	0.973470079	1.146237126	1.249239485	0.93433781	1.150043466	1
	1.033390165	0.793688957	0.941911386	0.857911218		0.588266284	1
	0.988447859	1.170060494	1.090289805	0.978020152	1.015574913	1.451784585	
YBR159W	YBR159W::YBR159W::molecular_function	unknown		1		1.259394061	
	0.982213757	1.260784461	1.264620717	1	1.216447778	1.029715587	
	1.165048751	1.118308716	1	1.10064004	0.956032199	1.007870969	
	1.126662061	1	0.937585315	0.95028292	0.714547957	0.766506103	1
	1.058252524	0.416831874	0.65401973	1.188587984	1	1.150619681	
	1.454492046	1.376815447	1.237092247	1.129841603	1	0.925581435	
	1.139115268	1.165864194	0.749157269	1.032923409	1	1.193192874	
	1.01819604	1.041038299	1.014508283	1.16768206	1.011345695		
YPL036W	YPL036W::PMA2::plasma membrane	ATPase		1		1.443249627	
	0.824160237	1.487546099	0.761636569	1	1.416884466	1.419091281	
	0.984840586	1	1.018120422	0.801116827	0.600625062	0.846891228	1
	0.888903251	1.03328899	1.130290996	0.356531679	1	0.404696087	
	0.28089384	0.171708891	0.338372172	1	1.037955529	0.659032982	
	1.272968594	1.818391884	0.89189342	1	0.585989862	0.404772726	
	0.628539727	0.488657212	0.213691996	1	0.846539218	0.455507635	
	0.768009777	0.705723606	0.508780377	0.660220503			
YBR172C	YBR172C::SMY2::partial suppressor of	myo2-66		1		0.835034342	
	0.841471142	1.105077114	0.78737298	1	0.961333197	0.965498135	
	0.846591395	0.802088116	1	0.63856663	0.706454061	0.720452934	
	1.037048961		0.761741453	0.796298116	1	0.557059946	
	0.583493611	0.928927267	1	0.870446979	0.831239093	0.760128439	
	0.788211589	0.932773749	1	0.704560238	0.728984117	0.774054161	
	0.835373795	0.838488861	1	0.834101271	0.898004032	0.994068112	
	0.932118374	1.061119234	0.675106128				
YPL038W	YPL038W::MET31::Involved in	methionine metabolism		1			
	0.984280675	1.388262484	1.113834385	1.535526583	1	1.039476651	
	1.009516478		1.575200919	1	0.99197219	1.145322443	1.384331025
	1.223058445	1	0.812195161		0.615197268	1.416799199	1
	1.015273208	1.321992027	1.149891691	0.936778777	1	0.865275435	
	0.814571333	0.65435564	0.752794148	1.073962436	1	0.918010505	
	1.262714264	0.983641382	1.294862666	1.457736005	1	1.011078538	
	1.15306955	1.207434969	1.535480462	1.259076611	1.17596308		
YBR174C	YBR174C::YBR174C::molecular_function	unknown		1		1.119125239	
	0.98604247	1.197166903	0.870423584	1	1.003217131	1.062240285	
	1.119474749	1.061271709	1	1.151930468	1.070920154	0.943802389	
	1.093748291	1		0.285082178	0.402432693	0.386503429	
	0.47971594	0.313789382	0.501168769		0.818284146	0.88358494	
	1.02675876	0.807599951	1	0.793088085			
	0.864706011		0.966574543				
YPL040C	YPL040C::ISM1::nuclear encoded	mitochondrial isoleucyl-tRNA		1			
synthetase	1	1.086262945	1.089730194	1.607754509	0.997488046	1	
	1.42978626	1.59045845	1.123639538	1.140138748	1	1.156716305	
	1.183490094	0.814981443	1.441120839	1	0.90602942	1.441555601	
	1.320037024	0.8723859	1	0.503077588	0.514143185	0.421730378	
	0.984339317	1.158973189	1.156661371	1.330596002	1.517236198	1	

1.033210401	0.780012339	0.975383556	0.948055111	0.571332779	1
0.757486137	0.541629371	0.668441063	0.756673439	0.606800319	0.515742524
YBR176W	YBR176W::ECM31::ExtraCellular Mutant		1	1.858811831	
1.653475472	1.361360333	1.56010085	1	1.592684533	1.281576658
1.756887238	1.716607278	1	1.493184171	1.517220435	1.835671369
1.558420195	0.575182461		1		2.333864938
1	1.159161543	1.057792883	1.049869669	0.942247531	1.0157907
1.129783933	1.219858243	1.297141098	1.037615016	1.205346382	1
1.189696144	1.153052856	1.11154061	0.83873834	1.061456365	2.073477659
YPL042C	"YPL042C::SSN3::Component of RNA polymerase II holoenzyme, involved in RNA pol II carboxy-terminal domain phosphorylation. Activity of the kinase (SSN3)/cyclin (SSN8) pair required, along with SSN6 & TUP1, for transcriptional repression of a-specific genes"	1	0.957540316	0.906834786	1.355768601
0.823511375	1	1.169646497	1.133296991	0.967998296	0.960844523
0.970602829	1.135363707	0.718051408	1.296413511	1	0.900841117
0.744788782	0.82803617	1	0.753438501	0.676526727	0.914201545
0.819283816	1	0.849943489	0.824427699	0.854439498	0.854086724
1.008660766	1	1.359097593	0.964556473	1.581297598	1.358124843
0.844324903	1	1.119090997	0.830834976	0.974072746	0.802749243
0.819580542	0.710131055				
YGL129C	YGL129C::RSM23::mitochondrial ribosome small subunit component				1
0.589409012	0.836690694	0.866031347	0.957142811	1	0.829499925
0.924816056	0.755942289	0.817671065	1	0.751540405	0.758193884
0.805362282	0.745520491	1	0.863721892	0.5502603	0.758350084
1.197013824	1	0.849206142	1.313511871	1.248202759	0.732516138
1.108896266	1.375168776	0.923739515	0.876166929	1.082152128	1
1.311787955	1.157336752	0.977963085	0.760630484	0.778217139	1
1.253937492	1.219766656	1.041815386	1.204953938	1.532166907	1.722352415
YBR178W	YBR178W::YBR178W::molecular_function unknown		1	1.499088152	
1.236535262	1.51147648	0.837989614	1	1.77105757	1.717329833
1.029821582	0.979011989	1	1.748037355	1.691986736	1.060632066
0.936595775	1	0.367775225		0.38699581	0.5820835
0.300048976	1	1.063970471		1.32644466	1.235358405
0.866727976	1.132467189		1	0.821959091	
1.463629627	0.667225509				
YPL044C	YPL044C::YPL044C::molecular_function unknown		1	0.63977411	
0.629930725	0.901070495	0.758991366	1	0.811410915	0.741850145
0.678579316	0.781421513	1	0.47365264	0.422638307	0.401595409
0.971382848	1	0.288984599		0.336231416	0.45540247
0.427111491	0.391268414	0.321966411	0.564167396	1	0.647464871
0.520405584	0.568030118	0.789849846	0.863690886	1	0.747641258
0.496583112	0.617574086	1.161700375	0.729880205	1	0.461019698
0.493272669	0.88401402	0.761132409	0.457798236	0.881753341	
YGL131C	YGL131C::SNT2::Hypothetical ORF		1	1.024026201	0.923414635
1.231371651	1.149431326	1	1.345931024	1.314789479	1.063331545
0.916969768	1	1.229832122		0.397746137	1.132131384
0.841945743		0.651226586	0.479790324		0.945303577
0.305308589	0.531608518	1	0.835385251	0.944087566	1.023265614
0.911913366	1	1.129474202	0.778444251	1.067453206	1.015401651
0.709767915	1	0.840872255	0.762750861	0.952323665	0.745355164
0.73092567	0.72238979				
YBR180W	YBR180W::DTR1::dityrosine transporter MFS-MDR		1	1.392651847	
1.080754604	1.141336305	1		1.152787358	1.218973625
1.30676567	1.047983877	1.354955115	1		1.187190936
0.606119197	1	1.45492591	0.971801461		
		1.304651904			
1.130548299	1.154072396				

YPL046C "YPL046C::ELC1::similar to mammalian elongin C, interacts with elongin A" 1 1.080267334 1.365397512 1.734681566 1
1.063819408 1.348134056 1 0.961193899 1.004883758 1.45290205
1.094150467 0.629164015 0.468729075 0.457260063 1
1.418321149 1.606036876 2.156798026 1.578517915 1 1.13480915
1.143997193 1.018313674 1.044048173 1.138511414 1 1.010262448
1.100240169 1.178634262 1.136072468 1.104027324 1 1.138670138
1.070334582 1.158534605 1.17771991 1.290947437 1.118171805

YGL133W YGL133W::ITC1::Imitation switch Two Complex 1 1 0.971163821
0.953157663 1.09870533 1.093417424 1 1.07403044 1.105254252
0.905971986 0.983126785 1 0.938386528 0.97530683 0.778024114
1.081403581 1 1.071861687 1.228114955 1.060065105 1.10675944 1
1.193983279 1.163294349 0.738024202 0.820254021 1 1.094034336
1.189713098 1.130827034 1.094415847 0.983011954 1 0.904535895
0.95878191 0.979003832 0.905778206 0.903538017 1 0.973765533
1.237176366 1.022588195 1.168114632 0.923960684 0.941295842

YBR182C "YBR182C::SMP1::Second MEF2-like Protein 1
Transcription factor of the MADS (Mcm1p, Agamous, Deficiens, SRF) box family; closely related to RLM1" 0.906525293 1.012708194 1.177907218
0.987503711 1.081782864 1 1.065893877 0.989915682
0.874580984 1 0.510586753 0.706597221 1
1.330114265 0.260281151

YGL135W "YGL135W::RPL1B::Homology to rat L10a, eubacterial L1, and archaeobacterial L1; identical to S. cerevisiae L1A (Ssmlp)" 1 1.279327833
0.909385643 0.679262128 0.95728374 1 1.048981931 0.825556352
0.80269116 0.892852552 1 0.886972507 0.711681835 0.479788905
0.598827242 1 0.455510299 0.200422408 0.131642269 0.493478984 1
1.281141409 0.620818991 0.398484928 0.815950005 1 1.367884834
1.006155685 1.673422856 1.680834744 1.371646738 1 1.223752304
1.128910313 0.794948258 0.468135695 0.700764659 1 1.31755711
1.07018522 1.023660594 1.325839311 0.807277859 1.387864073

YPL060W YPL060W::LPE10::mitochondrial protein with homology to MRS2 1
1.148877015 1.248159083 1.646150435 1 1.198473
1.390133139 1 1.532451244 1.674916763 1.890887098 1
1.951635613 1.753358653 2.032335202 1 1.093892347
1 1.05993092 1.10482142 1.021455268 0.920131542 0.946920994 1
0.985891793 1.285530841 1.50565335 1.124861633 1.196903386 1
1.234366685 1.392718967 1.135468851 1.207766918 1.293296646

YPL062W YPL062W::YPL062W::molecular_function unknown 1 1.1895078
1.250328015 1.193186561 1.606812193 1 1.186057305 1.224881065
1.421418772 1 0.928510314 0.981423429 1.258509893 1.353513555 1
1.135598664 1.096864078 0.990546251 0.429577609 0.767098222
0.605771 1.093328043 0.900152164 1.10423033 1
1.080411692 1.192819588 1.459636106 1 0.848293874
0.917714679

YGL137W YGL137W::SEC27::Involved in endoplasmic-to-Golgi protein trafficking
1 0.876906646 0.775495849 1.160527037 0.68729614 1 1.149345868
1.235478433 0.733440359 0.786230479 1 0.981733697 1.087989775
0.514725153 1.00948681 2.350988637 1.894600353 1.732208675
0.893944317 1 0.470083544 0.694022017 1 1.025437977
1.097582919 1.16119305 1.159762394 0.871190382 1 1.021453046
0.82699552 0.883412607 0.882600192 0.496102717 1 0.804181875
0.814553731 1.095325178 0.778535532 0.798675208 0.663723006

YPL064C YPL064C::CWC27::Complexed with Cef1p 1 0.737111759
1.134404849 0.808060407 1.249562918 1 0.811118456 0.80664941
1.150335893 1.09023171 1 0.775914299 0.935860848 1.108118157

1.014394252 1 1.123646176 0.987170046 1.089836458 1.986390763 1
1.541364587 2.032551781 1.784267994 1.419162929 1 0.943616143
1.122794179 0.806989717 0.778179002 1.157094415 1 0.994305901
1.289701751 1.346302185 1.191205089 1.614722333 1 1.2202431
1.196043816 1.103971454 1.598777654 1.201084774 1.188221762
YGL139W YGL139W::YGL139W::molecular_function unknown 1
0.708459499 0.869701709 0.744433222 1 0.883842035 0.847169995
0.654427006 0.822843572 1 0.958704252 0.880150741 0.568708921
0.833073248 1 0.845404812 0.459558092 0.52179994 0.599359517 1
0.961901233 0.902208836 0.42933962 0.420458472 1 0.933436674
0.714089231 0.850623777 1.184088934 0.722675772 1 0.793990384
0.62125309 0.676509318 0.618604993 0.490013583 1 0.894214365
0.864896267 0.839945076 0.743100598
YGL153W YGL153W::PEX14::Peroxisomal peripheral membrane protein (peroxin)
involved in import of peroxisomal matrix proteins 1 0.684405653
1.047663631 0.912176276 1.110871861 1 0.895071934 0.919340186
1.117551175 1.070180399 1 0.894638622 1.162205011 0.974852263
1.001700265 0.811584332 0.558538035 0.632632727 0.803174604 1
1.982732388 2.574503091 1.732008946 1.639121682 1 1.135356235
1.69435022 1.254078684 0.952426862 0.969307969 1 1.04475365
1.436846959 1.316062231 1.206008357 1.273038849 1 1.183517597
1.504280961 1.344449054 1.511874913 1.20471139 0.935166396
YGL155W YGL155W::CDC43::may participate in a ras-like C-terminus
modification of proteins involved in nuclear division and bud growth 1
1.064258442 0.949775614 0.969748962 0.895040982 1 1.076117091
0.950457653 1.070016225 1.044264874 1 0.90636492 0.840722362
0.752672819 0.962140732 1 0.852615921 0.755345871 0.604923761
0.754698098 1 1.631445484 1.147307888 0.770956146 1.128369113 1
1.054229343 0.902151541 0.871002209 0.863631177 0.974451754 1
1.096381813 1.000314748 0.884718147 0.645259636 0.99206805 1
1.147603793 0.99579088 0.949735491 1.077576996 1.237254514 0.79331536
YGL157W YGL157W::YGL157W::molecular_function unknown 1 1.13797241
1.087383673 1.243511149 1.489338784 1 1.24873179 1.430980208
1.311243399 1.502114183 1 1.230050964 1.603251795 1.802176815
1.428050158 1.225753001 1.118306315 1.104955409 1.016345992 1
1.466973655 1.10710117 1.385445369 1 0.972507446 1.241756975
1.220504119 0.7051566 0.611351996 1 0.92540204 1.375703869
1.407648933 1.060586926 1.065058205 1 1.142201061 1.399792169
1.103039109 0.944243575 1.415163204 1.470172714
YGL159W YGL159W::YGL159W::molecular_function unknown 1 1.360914858
1.304225333 1.446976281 1.586622328 1 1.349871464 1.274567391
1.448037474 1.343855128 1 1.266737333 1.121182011 1
1.148989582 1.119883344 1 1.289567473 1.027896647
1.062836259 1 0.931544808 1.119698117 0.945305392 0.892924612
1.006734743 1 1.025777737 1.06076193 0.847816495 0.609954638
1.126171419 1 1.338228389 1.226880901 0.894145063 1.276496634
1.622210457 1.234629811
YBR196C YBR196C::PGI1::Phosphoglucosomerase 1 0.916092604
0.589541497 0.919862098 0.52800564 1 0.997969719 1.031429641
0.605092749 0.777656006 1 1.190200805 0.922782582 0.719364457
0.775524129 1 1.892257371 1.798364038 1.986423799 0.631722305 1
0.799199829 0.388193784 0.398761187 0.498850373 1 1.016332341
0.969285131 1.211081027 1.297878118 0.7909849 1 0.783934453
0.834577128 0.882442415 0.995597019 0.422057765 1 1.317907966
0.937644378 1.351862268 0.783070223 1.101103154 1.432520897
YBR198C YBR198C::TAF5::TAF(II) complex (TBP-associated protein complex)
component required for activated transcription by RNA polymerase II 1

1.025647075	0.943008318	1.496856698	0.7759021	1	1.06222988
1.136906146	1.132427325	0.930716328	1	1.050627976	1.087516147
0.952666064	1.213095543	1	0.89407074	1.328382963	1.010048626
0.729932679	0.811827006	0.468866747	0.572919629	1	0.895736235
0.895512891	0.826658182	0.911008916	0.939178688	1	0.864023836
0.785735292	0.685017134	0.908510724	0.897569943	1	0.912047274
0.82024765	1.162402723	0.892141417	1.132908675	0.901892695	
YBR200W	"YBR200W::BEM1::SH3-domain protein that binds Cdc24p, Ste5p and Ste20p, and the Rsr1p/Bud2p/Bup5p GTPase" 1				
1.047138312	0.975318838	1	1.051310497	1.012503095	1.186646199
1.043398057	1	1.06964388	1.195755255	0.807593324	1.076979368 1
1.123748445	0.957269706	0.973632249	1.164054532	1	1.329800358
0.885954331	1.045031619	1.324195103	1	0.958479074	1.255468536
0.927533409	0.868437652	0.921224582	1	0.940576442	1.110084875
1.005012335	1.114329623	1.183299993	1	1.036975501	1.249996742
1.181694431	0.998522748	1.100881846	1.051624402		
YPL066W	YPL066W::YPL066W::molecular_function unknown 1 0.818910654				
0.892405201	0.9247718	1.380149917	1	0.886308666	0.978992858
0.743345806	0.944022607	1	0.938216582	0.83076669	0.829008869
0.870805575	1	1.258427613	1.180907162	1.128926329	1.026595258 1
0.818531913	0.929863058	0.72570346	1.200942251	1	1.128953792
1.129867172	0.936013085	0.763427747	1.014218458	1	0.799300876
1.075353439	1.121998269	0.777201696	1.059334375	1	1.031267141
1.106020827	1.115549333	1.153644725	1.203909221	0.816957217	
YBR202W	YBR202W::CDC47::Essential for initiation of DNA replication 1				
1.149757823	1.193856791	1.319753049	0.903177191	1	1.368731452
1.325143748	1.072280676	0.848455237	1	1.130304797	0.93500436
0.517951467	0.94707561	1	0.645574902	0.562044739	0.466552033
0.678110598	1	0.665224673	0.614606417	0.52312104	0.874211127 1
0.842272631	0.843295516	1.085938459	1.014073205	1.081158088	1
0.905617767	0.559376269	0.73141502	0.837777387	0.953596247	1
0.715470218	0.555669478	0.938829549	0.838689544	0.901026895	0.789812857
YPL068C	YPL068C::YPL068C::molecular_function unknown 1 0.916182255				
1.104903328	0.855077592	0.92593155	1	0.929628336	
1.205614757	1	0.673102428	0.695723849	0.876091451	0.858892534 1
0.495238778	0.568687935	0.555793477	0.635732243	1	0.532097763
1.497212463	0.871016888	1	0.686616337	0.52680601	0.615668267
0.731018773	0.920762538	1	0.528350671	0.796468119	0.619995032
1.251824495	1.688803412	1	0.37618447	0.556519177	1.083772144
0.770122163	0.671270594	0.93078828			
YBR204C	YBR204C::YBR204C::molecular_function unknown 1 1.713172698				
1.833541015	1.679087079	2.025161294	1	1.822800558	1.764186368
1.835842116	1.675986698	1	1.693808722	1.862618278	1.942492698
1.788392254	1	1.159710182	0.965272405	1.194630604	1
1.925737816	1.070602308	1.599234878	1.649360536	1	1.253448298
1.939595209	1.411026474	0.929016612	1.240144895	1	1.097983532
1.493927799	1.790871623	1.048939948	1.466596189		1.129458364
1.308213285	0.92590962	0.983470638	1.545827718	1.873835452	
YPL070W	YPL070W::YPL070W::molecular_function unknown 1 0.687450972				
0.904327039	0.977094684	1.06312228	1	1.045263559	1.000257822
0.887249304	0.894850776	1	0.998595394	1.087452949	0.915658959
1.052847235	1	0.980725909	0.874246312	1.236941656	1.057824741 1
0.946821046	1.622416369	1.64833456	1	1.197136566	1.46383436
1.253208678	0.723778345	1.00480389	1	1.673840066	1.578746948
2.02077794	1.576497662	1.35695752	1	1.827018679	1.699787696
1.311875748	1.235854616	1.467936324	1.203107335		

YBR206W YBR206W::YBR206W::molecular_function unknown 1 2.048632707
1.787234526 1.182660966 2.181848863 1 1.399080409 1.21267779
1.781361737 1.736007549 1 1.447014829 1.287646801 2.020522739
1.376710915 1 1.047036835 0.439519154 0.492736159 0.844156048 1
1.252656868 1.691260468 1.147034326 0.797486519 1 1.232013357
1.100079941 1.016464618 1.107131085 0.913588861 1 1.037771601
1.269099986 0.986112811 0.687364222 1.554917491 1 1.053052939
1.531581361 1.023727563 1.848880161 1.15965951 1.053375628
YPL084W YPL084W::BRO1::BCK1-like resistance to osmotic shock 1
0.986961197 1.064254884 1.073813776 0.906444171 1 1.226420267
1.109466233 0.713466647 1 0.967550154 1.136177061 0.643831879
0.903653385 1.535681378 1.559969688 1.13938447 1.111241631 1
1.297228773 0.729635901 1.248860934 1.267422188 1 0.984608955
1.103522088 0.962173472 0.90266129 0.949644789 1 1.072683428
0.786029882 1.186884996 0.934155517 0.688490184 1 1.21821307
0.998310472 1.082762988 0.840744553 1.075263929 0.857235872
YBR220C YBR220C::YBR220C::molecular_function unknown 1 1.313376003
0.985898581 1.495104384 0.774516384 1 1.3924363 1.453407695
1.083430254 1.110232651 1 1.366767245 0.922371593 0.704464267
1.266966509 1 0.696613266 0.488633671 0.403288949 1
0.729825573 1 0.966773991 1.058684781 1.100028749 1.301228718
0.951235006 1 0.701829333 0.482509659 0.705603695 0.688065568
0.533049219 1 0.805368441 0.650031557 1.000542865 0.653144094
0.941950767 0.765295387
YPL086C YPL086C::ELP3::elongator protein; histone and other protein
acetyltransferase; has sequence homology to known HATs and NATs 1
0.820498545 0.588319485 0.886010083 0.838379743 1 0.831561685
0.782662149 0.651272514 0.790503958 1 0.585449896 0.386612967
0.266763544 0.875859885 1 0.457995085 0.346075332 0.339564331
0.446112185 1 0.440665663 0.272301174 0.273366376 0.605196443 1
0.735172946 0.526228727 0.560217225 1.066023007 0.844137963 1
0.978067223 0.523045998 0.421009789 0.768863542 0.979608366 1
0.853756884 0.508861362 0.82787731 1.276755577 0.632154507 0.897514579
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1.56134183 1.137334955 0.936227832 0.642315885 0.954457514 1
1.701354741 1.43110548 1.207463254 1 1.040943995 1.49456013
1.473032926 1.135561329 1.093157452 1 1.171224379 1.345328344
1.43639268 0.927141268 1.119505075 1 1.360938547 1.314743821
1.077711302 1.194947422 1.368586113 1.026231372
YBR222C "YBR222C::FAT2::Fatty acid transporter, very similar to FAT1" 1
1.376173224 1.092085532 1.634710547 0.567491035 1 1.693529284
1.876160217 1.062107303 0.991539929 1 1.686401155 1.657326967
1.430235166 1.26535974 1 1.312399236 1.706783737 1.514283592 1
0.664323431 0.659989153 0.453495015 0.602412415 1 1.135121161
0.969982952 0.737966455 1.444624869 0.992618462 1 0.698155566
0.446543255 0.643657933 0.567444745 0.349231016 1 0.876781391
0.64180712 0.869141991 0.537669017 0.977270545 1.048121951
YPL088W YPL088W::YPL088W::molecular_function unknown 1 0.762019556
0.914963377 1.075182548 1 0.889398146 0.893116591 1.316935236
1.403042976 1 0.748633511 0.998839447 1.136116533 1.222880802 1
0.82469311 0.916444245 1.278134859 1.875736445 1 1.196216762
1.899460236 2.131482415 0.964548884 1 0.989183095 1.163952623
0.969072943 1.162731546 0.99437486 1 0.801368034 1.19141675
1.421457776 1.273383979 1.455154449 1 0.936661372 0.952384524
0.821890947 1.117720162 1.19263295 1.467545823

YGL163C "YGL163C::RAD54::Required for X-ray damage repair, mitotic recombination, and full meiotic recombination. mRNA increases in meiosis." 1
1.518499836 1.233897616 1.187360285 1.319604248 1 1.372255974
1.147106216 1.292578374 1.273927393 1 1.259113825 1.315859962
1.177831343 1.170363568 1 0.93526712 0.728172939 0.679267266
0.938835729 1 1.109927041 1 1.002614681
0.884524569 0.934548612 0.941902693 1.119723006 1 1.039813906
1.190688347 0.737094438 0.914215165 1.039600048 1 0.951034406
1.135801306 1.140105359 1.522264817 0.962126721 1.239883592
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1.535117294 1.333277553 1 1.473100998 1.183050982 1
1.535945566 1.520627082 1.320151068 0.954914637
1 0.740025137 1.037742007
1.075918066 1.035508257 1 0.543407143 0.881739222 1.256566944
1.656047365 1 0.751558625 0.555059231 1.065737554 0.144264377
YGL177W YGL177W::YGL177W::molecular_function unknown 1
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0.528917576 0.394629648 1 0.757994224 0.600165098 0.673323578
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1.727481534 1.558285934 1 1.355265657 1.599337913 2.803707556
1.441381822 1 1.656955361 1.184095278 1.655057566 1.220397986 1
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1.03414457 0.936237324 0.874215956 0.965101597
1 1.357578109 1.227727081 1.523288543 1.668222374
0.887007122
YPL090C "YPL090C::RPS6A::Homology to rat, mouse, and human S6" 1
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0.950083158 1.240883044 1 0.760502125 0.825284844 0.675236018
1.02654116 1 0.822883515 0.399740977 0.226142746 0.798262018 1
1.191669258 0.717420196 0.36936067 0.715307063 1 1.205748118
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1.666448612 1.157894371 1.076926363 1.419288399 1 1.228726161
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YPL092W YPL092W::SSU1::putative sulfite pump 1 1.378077823
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21.74410771 1 22.90363285 24.50260434 17.72772576 10.21711856 1
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YGL179C YGL179C::TOS3::not yet annotated 1 1.272228631 1.245721143
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2.070899389 2.431735272 1.69591907 1.497048914 1.324033246 0.844101524
YPL094C YPL094C::SEC62::membrane component of ER protein translocation apparatus 1 1.068156291 0.971086461 0.915196688 1.014956038 1
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1.396744409 1.19910207 1 2.669057747 1.534795014 2.50173232
1.690529868 1 2.410436826 1.478201938 1.478523137 1
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YGL183C YGL183C::MND1::needed for Meiotic Nuclear Divisions 1
1 1 1.745467424
1 0.776232339 1 0.906268182
0.961555264 1 0.888526701 1.163160801 0.907459982 1
0.801051567 0.834750708 0.827486616 1.041797312
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YGL187C YGL187C::COX4::subunit IV of cytochrome c oxidase 1
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1.472877282 1.455751534 1.636755042 1 0.798897869 0.899844275
1.348844255 0.811940771 1 1.519370929 0.662131871 0.969793764
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0.557873064 0.327419786 0.370242583 0.829241159 0.71579269 1
0.505745682 0.196350444 0.14915993 0.271044272 1.041551947 1
0.64005447 0.226013759 0.493635111 1.610939964 1.707907175 1.449157695
YGL201C YGL201C::MCM6::Member of the MCM/P1 family of proteins involved in
DNA replication 1 1.443339857 1.933462497 1.14868715 1
1.988194942 1.893120779 1.430086121 1.349486942 1 1.411810875
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1 0.884256794 0.843685375 0.835822956 0.888742378 0.859856556 1
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YGL203C YGL203C::KEX1::Killer toxin and alpha factor precursor processing.
Kex1p can cleave lys and arg residues from the C-terminus of peptides and
proteins. 1 1.467168803 1.448899242 1.650673907 1.20386484 1
1.492418526 1.547353007 1.271603848 1.145475326 1 1.448983514
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1 1.167778076 0.668574623 1 0.903225209 1.019134543
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0.5597467 0.345757588 1 0.829609112
0.853801532 1.034778151 0.994072316 0.900091498 1 0.936398073
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YBR230C YBR230C::YBR230C::molecular_function unknown 1 1.38995069
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1.284827923 0.718000541 0.690564116 0.822694027 1 0.968916903
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1.31000971 1.112064774 1.064623034 2.602739118 1.486809512
YBR244W YBR244W::GPX2::Glutathione peroxidase paralogue 1 1.155661523
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1.670030693 1.238462601 1 2.786222144 3.260186157 1.739626022
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YPL110C YPL110C::YPL110C::molecular_function unknown 1 0.850291345
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1.28121848 1 1.307492102 1.581645694 1.22392285 0.634615979 1

0.445634974	0.363868864	0.221678131	0.539789401	1	0.857327701
0.763502274	0.976788267	1.055766763	0.847747702	1	1.01790967
0.755604908	1.16104748	1.834093647	0.863144912	1	0.890825544
1.238288152	1.359806814	0.801798629	0.894433099	0.772300393	
YPL112C	YPL112C::PEX25::required for regulation of peroxisome size and maintenance				
1	1.03662893	0.954234664	0.956989969	1.215793693	1
0.935987112	0.773534491	1.065391612	1	0.886347126	0.782879595
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1.505533919	1	1.203251829	1.335756742	1.831111284	1.86228288
1.332883916	1.162363	0.831360711	0.818485311	1.107333564	1
1.072235623	1.233074567	1.110186164	0.925884996	1.334291311	1
1.195051323	1.237582903	1.008844583	1.698337206	1.069344058	1.363346604
YBR248C	"YBR248C::HIS7::glutamine amidotransferase:cyclase, also called imidazole glycerol phosphate synthase"				
1	1.533244586	1.217827292			
1.354764953	0.94941494	1	1.391791581	1.144759627	1.23186768
1.107093539	1	2.163864664	1.609799629	0.515268356	1.215275924
1.018403342	0.957786268	0.419054101	0.608965985	1	1.489075826
0.342013027	0.991229704	1	0.980746674	1.024288652	0.938853067
0.989526733	0.945367437	1	0.952639295	0.883739371	0.71692322
0.943987431	1.765700073	1	1.294999016	1.041498794	1.029148537
1.069006083	1.650653734	0.934290836			
YPL114W	YPL114W::YPL114W::molecular_function unknown				
1.103514621	0.942597072	1.05826546	0.92499619	0.849049288	
1.003611063	0.83429731	0.912809745	1.203622947	0.87032122	1
1.07383833	1.457030727	1.280293715	1	1.493576923	2.601685628
1.230532603	1.807082686	1	1.47189112	1.861253811	1.377031308
0.964027047	1.052533073	1	0.934551525	1.273944456	1.602433349
0.880609674	0.818682229	1	1.04152907	1.234870758	0.997343878
1.06114623	0.979013769	1.14706739			
YBR250W	YBR250W::YBR250W::molecular_function unknown				
1	1	1.079736607			
1.375497596	1.148346459	1.464729041	1	1.071724225	1.021604449
1.569031523	1.76450185	1	1.162678263	1.058784396	1.439049139
1.313192234	1	0.546040022	0.423810079	0.746333714	0.850529984
1.091910604	2.557383097	1.603336261	0.67604774	1	0.67481126
0.712014874	0.631621056	0.660097775	0.852922386	1	0.949319335
0.814460544	1.207524162	1.942398399	1	1.022599902	0.984504095
1.471345832	0.984201335				
YPL116W	"YPL116W::HOS3::Protein with similarity to Hdalp, Rpd3p, Hos2p, and Hos1p"				
1	1.139407948	1.015718795	1.151823723	1.174416401	1
1.164832311		1.518502144	1	1.10655457	0.993637266
0.702825578	0.917564609	2.052228709		0.852685387	1
	1	0.766209305	0.629722904	0.694700011	0.799999062
0.826313618	1	0.850988567	0.559410694	0.661826587	0.735204879
0.679128641	1	0.959058988	0.747165286	1.24451952	0.848903563
0.938740627	0.881753341				
YBR252W	YBR252W::DUT1::dUTP metabolism				
1	1	1.353236911	1.612976437		
1.151276025	1.941525436	1	1.292623373	1.049238297	2.075919689
1.756954761	1	1.243346702	1.082064197	1.564339991	1.643858439
0.83019869	0.340782032	0.344289912	0.660143505	1	1.235643822
1.246904573	0.767468313	1	0.982357142	0.940021583	0.80680686
0.977998451	0.773772654	1	0.884753455	1.289744982	0.979143802
0.900325368	1.416156734	1	0.935863776	0.947069874	0.854330683
1.227462948	0.964914252	1.032360714			
YPL118W	YPL118W::MRP51::Mitochondrial Ribosomal Protein				
1	1	0.714847257			
0.949233438	0.973250556	1.06535102	1	0.95812877	0.998495785
1.148114893	1	0.811140365	0.910433148	1.069482004	0.931233818
1.33365635	0.939650302	1.102256262	1.144714681	0.9848853	

	0.769334698	1.158234116	0.796869201	1	0.858002413	0.98806465	
	0.843194977	0.65527751	0.93168078	1	1.388670928	1.072018715	
	1.180311911	0.9812817	1.061677257	1	1.475662855	1.2696809	
	1.087940374	1.180565882	1.40106549	1.20135611			
YGL205W	YGL205W::POX1::fatty-acyl coenzyme A oxidase			1		1.524815494	
	1.310318447	1.689543847	1	1.945598313		1	
	1.515328738		1	2.261759564		1.844593216	
	0.962540145					1.054779571	
	1.093172749	1.058300381	1	1.274773304		1.088385675	
	1	0.779651105	1.320157978	1.064653631	1.190107425	1.285638588	
YBR254C	YBR254C::TRS20::Trapp subunit of 20 kDa			1		1.287789403	
	1.405608279	1.230119958	1.680423571	1	1.102071023	1.079262502	
	2.028752758	1.697345964	1	1.128320399	1.300725678	1.526857175	
	1.429643189	1	1.281178105	0.631008568	0.892681388	1.286317774	1
	1.127512119	1.386624203	1.279703167	1.173493707		1.255387127	
	1.295924601	0.902221125	1.061662753	0.971225066	1	1.04225291	
	0.85463114	1.16208192	1	1.249356193	1.180647111	1.044577693	
	0.887370774	1.456924468	1.363346604				
YGL207W	YGL207W::SPT16::global regulator of transcription			1			
	1.103362859	0.98604247	1.465228222	0.87270215	1	1.280792606	
	1.310224194	0.922101762	0.855073528	1	1.073357872	1.139852938	
	0.715331519	1.141599775	1	0.949297404	1.10652459	0.858953988	
	0.654832119	1	0.923239391	0.649741155	0.475362266	0.628059253	1
	0.915456123	0.897190176	1.173722386	0.911813288	0.945518778	1	
	0.976122665	0.685902961	0.897891954	0.768493861	0.5170976	1	
	0.86554762	0.796138143	0.953975471	0.728779424	0.770480244	0.801195979	
YBR268W	YBR268W::MRPL37::Probable mitochondrial protein L37			1			
	1.048491827	1.667971142	1.199705947	2.254142574	1	1.020675148	
	1.232748717	2.398713192	2.019426804	1	1.205281881	1.385260886	
	2.15733841	1.452217661	1	1.07617189	0.763150453	0.799748216	
	1.31230722	1	1.62175291	2.25033128	1.952005215	1.407066007	1
	1.024724283	1.115627189	0.710595174	0.723837817	0.834046203	1	
	1.016215039	1.726559089	1.279916718	0.997914963	2.306642781	1	
	1.109341119	1.578617113	0.960913144	1.52013419	1.503920819	1.266152286	
YPL132W	YPL132W::COX11::Mitochondrial membrane protein required for insertion of Cu(B) and magnesium during assembly of cytochrome c oxidase						1
	0.99491765	1.239118388	1.191872422	1	1.19138826	1.10150528	
	1.32728094	1.442783437	1	0.946163011	0.940134489	1.265019045	
	1.123728805	1	1.121950253	0.995329906	0.860005865	1.355234923	1
	1.336354039	2.324153577	1.887850286	0.937273105	1	1.141321703	
	1.251207156	0.921167598	0.91485471	1.037485211	1	0.794138648	
	0.832758609	0.804307345	0.576879881	0.812140635	1	1.176853789	
	1.06320755	0.881548875	1.18178551	1.360150562	1.25652039		
YBR270C	YBR270C::YBR270C::molecular_function unknown						1.203980739
	1.437413351	1.649375462	1.313066758	1	1.371677862	1.34962791	
	1.535371857	1.388663973	1	1.109224421	1.285184695	1.841035974	
	1.749302548	1	1.253584978		1.309942229	1.352304908	1
	0.603719057	0.66305382	0.680644306	0.550660017	1	0.832051442	
	0.964492641	0.876662636		0.902041492	0.915203521	1.076013727	
	1		1.258193362		1.742528408	1.006092019	
YPL134C	YPL134C::ODC1::Oxodicarboxylate carrier			1		1.056687447	
	1.034463289	1.123102323	0.927925491	1	1.072644634	1.184147961	
	1.043750905	1.25642108	1	0.95488233	0.99579348	1.589109724	
	1.242484172	1	1.475475661	1.344262737	1.846651989	1.958776338	
	0.715962716	0.612783987	0.495520689	0.759906667	1	0.850655958	
	0.944787619	0.989347376	0.934654381	1	0.924110147	0.61699213	

0.610669726 0.774454853 0.973460913 1 0.855759011 0.615387692
 0.842870805 0.883879211 1.192334286 1.182967981
 YGL209W "YGL209W::MIG2::Involved in repression, along with Mig1p, of SUC2
 (invertase) expression by high levels of glucose; binds to Mig1p-binding sites
 in SUC2 promoter" 1 1.189276187 1.156011149 1.070364921 1.045544226 1
 1.226027429 1.237948684 1.064574992 1.099181604 1 1.177847441
 1.263695617 1.814539165 1.304547822 1 0.825325873 0.736624973
 0.930631048 1.15441849 1 0.643613963 0.922212666 1.232930373 1
 0.81820032 0.740459245 0.899623967 1.005355413 0.832449056 1
 0.538950326 0.534604763 0.724259399 0.834485464 0.605458841 1
 0.727079857 0.663579536 0.947436713 0.732400695 0.97302513 0.971942653
 YGL209W "YGL209W::MIG2::Involved in repression, along with Mig1p, of SUC2
 (invertase) expression by high levels of glucose; binds to Mig1p-binding sites
 in SUC2 promoter"
 0.967789317 0.74276359 0.87453862 0.497573422 1
 1 0.658161296 0.706472188
 5.794879659
 YPL136W YPL136W::YPL136W::molecular_function unknown 1 1.364633968
 1.227090937 1.852873257 1.111197686 1 1.831884167 1.282254275
 1.116148581 1 0.749230249 1.525307293 1
 0.837557549 0.252624231 1 0.898572099
 0.858530156 0.960191628 0.913821843 1 0.955736943 0.689168198
 0.741160581 0.884437666 0.901896368 1 0.554879165 0.615284418
 0.97960572 0.862007691 0.846987232 0.711882332
 YGL211W YGL211W::YGL211W::molecular_function unknown 1 0.80835476
 0.721086566 0.951401584 0.558984192 1 0.838783861 0.786569414
 0.876732681 0.96863042 1 0.615504711 0.647805802 0.492608829
 1.080781205 1 0.444861329 0.420849746 0.450396691 0.861444989
 0.499427632 0.599365399 0.610617178 0.6914172 1 0.846263638
 0.764644224 1.041509327 1.248636664 1.085890675 1 0.884984159
 0.535965341 0.548385176 0.935797916 0.589668528 1 0.699019635
 0.469899115 0.978727346 0.49293442 0.615988337 0.833594067
 YPL138C YPL138C::SPP1::likely involved in chromatin remodeling
member of
 Set1p complex 1 0.885076163 1.012360679 1.007062864 1.331417173 1
 1.017064146 1.049639712 1.125156495 1 0.774330454
 0.826322466 1.187785786 1 1.185837853 1.04722536 1.390534444 1
 1.409711347 1.034753601 1 1.066860779 1.265930997
 1.071184128 1.006130012 1.065799977 1 1.064935004 1.100071136
 1.153708772 1.251500871 1.450540743 1 0.870357374 1.01970641
 1.150613214 1.125972294 1.155588977 1.093654335
 YGL225W YGL225W::VRG4::May regulate Golgi function and glycosylation in
 Golgi 1 2.082732847 1.114896585 1.66987256 1.406219185 1 1.478600827
 1.339833138 1.393443007 1.500800265 1 1.286826903 0.79282765
 0.757684138 1.403457776 1 0.538471055 0.404341075 0.33217965
 0.483762814 1 0.266421163 0.266844215 1 0.952226005
 0.570086187 0.893740466 1.411089632 0.697497609 1 0.58672869
 0.533880295 0.512756163 0.412326397 0.612843842 1 0.910435257
 0.52694911 0.622144153 0.868300429 0.793027159 0.633076143
 YPL140C "YPL140C::MKK2::Member of MAP kinase pathway involving PKC1, BCK1,
 and SLT2. Shows functional redundancy with MKK1" 1 0.951594677
 1.023778634 1.09474448 1.128027463 1 1.033882088 1.107282066
 1.063797793 1.147354331 1 0.963148045 0.999578446 0.973311787
 0.990841949 1 0.64186011 0.538958162 0.577204914 0.754298608 1
 1.193039273 1.24700186 1.073869848 1.471526164 1 0.954582793
 0.919819956 1.168823867 0.96788974 1.05397361 1 0.984025831

0.800717566 1.0513387 0.851553389 0.706596834 1 0.875050122
 0.806657843 1.0832146 0.877981025 0.974071995 1.036738829
 YGL227W YGL227W::VID30::vacuole import and degradation (VID); TOR inhibitor
 (TIN) 1 1.39506667 1.473745209 1.395531474 1 1.366856231
 1.345588222 1.427685659 1.162315075 1 1.444336003 1.513403357
 1.222764849 1.3225697 1 1.636480138 1.202081197 1.065896954 1
 1.513090595 1.838601984 1 1.062600961 1.459638431
 1.152192145 0.93577067 1.250782882 1 1.520319241 1.233786368
 1.321101139 1.163813767 0.93387447 1 1.520703343 1.311308919
 1.046943709 1.076172544 1.309655849 1.251266714
 YGL229C "YGL229C::SAP4::SAP4 is related to SAP155, SAP185, and SAP190, all
 of which associate with the SIT4 protein phosphatase" 1 1.20077867
 1.122629002 1.219037035 1.071897502 1 1.214829621 1.265807178
 0.974943634 0.860805026 1 1.184248636 1.361691653 0.964075928
 0.92371189 1.478907712 0.989833538
 1 1.237617575 1.503326804 1.33664131 1.052594545 1.001558003 1
 0.95305274 1.296953367 1.33036951 0.833421586 0.7929747 1
 1.859743986 1.770674295 1.158257562 1.233446135 1.953987652 0.833594067
 YGL231C YGL231C::YGL231C::molecular_function unknown 1 0.898499934
 1.184928762 0.994826865 1.444529588 1 0.875136383 0.893804068
 1.409129156 1.142305928 1 0.888104818 1.056716991 1.335586367
 1.147083646 1 0.840398255 0.669706683 0.642606026 1.235370491 1
 1.349361771 1.139991043 1.83106207 1.383611119 1 1.072152213
 1.208130928 0.797985631 0.790241308 1.042091524 1 0.888862404
 1.547169142 1.351220768 1.187822921 1.917648521 1 1.325770509
 1.584143238 1.26732492 1.818303944 1.422341414 1.439525903
 YGL233W YGL233W::SEC15::Protein involved in vesicle traffic between Golgi
 and plasma membrane. The Exocyst complex is required for exocytosis. 1
 1.216387031 1.130683381 1.365176871 1.059344867 1 1.304128969
 1.38869778 1.083945498 1.012091998 1 1.371865739 1.269109251
 0.785066959 1.088489973 1.351399652 0.932810485 1
 1 1.015341132 0.895251458 0.80314611 1.086983519
 0.998941772 1 0.860462207 0.717229569 0.598833222 0.873723261
 0.567218729 1 0.839543354 0.960444609 1.237591274 1.079636325
 0.971705606 0.80995221
 YGL235W YGL235W::YGL235W::molecular_function unknown 1 1.01637453
 0.872645818 0.774553224 1 1.399346643 1.134986266
 1.2118773 1 1.087832158 0.975236163 0.882094262 1.037841199 1
 0.358281689 0.689860719 0.891818272 1 1.398160172
 1.12366678 0.538403148 1 0.912180907 1.125128843 1.29124735
 1.016258689 1 0.904585478 0.597762508 0.761661971 0.596980635 1
 0.931844282 0.735262737 1.032767496 0.648251267 1.07438414 0.863365265
 YML100WA YML100WA::YML100W-A::molecular_function unknown 1 1.055742192
 1.220897489 0.889425866 1.325955417 1 0.879687259 0.943046298
 1.368767911 1.380949036 1 0.918884284 1.004044589 1.653843197
 1.207992645 1 0.652623267 0.662304257 0.995362611 1.235012422 1
 1.635516774 3.191934602 1.760765129 0.935822393 1 0.751499282
 0.938323103 0.76283206 0.723614774 0.802377185 1 0.830035444
 1.111844339 0.84752399 0.863648673 1.260075617 1 0.833082064
 1.30629563 0.942434008 1.411474265 0.890303452 1.189097427
 YML102CA YML102CA::YML102C-A::molecular_function unknown 1 1.388277065
 1.55425743 1.046344737 1.32690845 1 1.123242459 1.197194778
 1.621813619 1.729226974 1 1.303184357 1.876855754 1.328247961 1
 1.190083121 0.811528461 1.455587353 1 1.378513407 2.388965024
 1.35004455 0.99189629 1 0.879509602 1.044042979 1.001360838
 0.984925455 0.932607641 1 0.944874862 1.188191571 0.921413071

1.168891827 1.48609334 1 0.838281376 1.331384003 1.136157174
1.359278206 0.913901719 1.436023347
YMR304CA YMR304CA::YMR304C-A::molecular_function unknown 1 1.56957736
1.502957212 0.898430207 1.660027261 1 1.06577466 0.837477247
1.717074533 1.690971303 1 1.069268381 0.796670801 1.282345108
1.329604043 1 0.816774042 0.367226765 0.404652566 1.354716752
0.424920966 0.677640721 0.242308404 0.427243669 1 0.625749568
0.527552245 0.413097366 0.490641112 0.522852977 1 0.819485702
1.220270708 0.705642356 0.462332873 1.136903048 1 0.982590092
1.494107227 1.104894811 2.456523578 1.409704152 1.364222164
YBR272C YBR272C::HSM3::Involved in DNA mismatch repair pathways 1
1.206912999 1.386340921 1.348319378 1.26491381 1 1.437338069
1.647243274 1.282168908 1 1.282267987 1.535405748 1.125279397
0.461513039 1 1.310041003 0.852513512 0.747009439 1.345766781 1
2.219321844 2.07045332 2.099986434 1.837317655 1 1.127776373
1.176506203 1.329726532 0.948654601 1.004599222 1 1.245722429
1.281546824 1.569962207 1.167215518 1.252606259 1 1.226214998
1.055681383 0.414845083 1.379371996 0.981574549
YBR274W YBR274W::CHK1::checkpoint kinase 1; homolog of the S. pombe and
mammalian Chk1 checkpoint kinases 1 1.248919338 1.40673953
0.85507306 1 1.334854219 1.31190621 1.061528882 1.053378981 1
1.047142414 1.053427853 0.622712036 1.103342638
0.852685387 1 1.097006447 1.226539805 1.840157395 1
1.010160608 1.023688209 0.90781602 0.850377408 0.89571697 1
1.006777699 1.062044971 0.998656332 0.791438929 1.128119545 1
1.129400052 1.100483562 1.003712772 1.069182613 1.018062339 1.272281628
YBR276C YBR276C::PPS1::Protein Phosphatase S phase 1 1.155984337
1.148021873 1.60482489 0.958159143 1 1.463478886 1.550678189
0.957839394 0.96549748 1 1.055495173 1.132053587 0.522493507
1.26723163 1 1.136458281 0.799859449 0.539980257
0.395816784 0.639234791 1 0.977606206 0.912592821
1.092626876 1.048534681 1.034818528 1 1.211496141 0.774298595
0.704319587 0.896202249 0.823800127 0.845987432 0.87273238
0.783076945 0.854087467 0.949176408
YPL142C YPL142C::YPL142C::molecular_function unknown 1 1.525396849
1.583851123 1.555100813 1.573125506 1 1.530266861 1.462242517
1.450552867 1.503935363 1 1.418083352 1.326933207 1.30493788
1.335497334 1 0.665510606 0.487485052 0.442553553 0.86999341 1
0.91798781 0.995531191 0.637437159 0.685504512 1 0.935636491
0.816419477 0.74995459 0.928180486 1.022876966 1 0.899208471
1.006959063 0.872373053 0.828502812 0.893728584 1 0.95235292
1.155686167 1.020153664 1.291977039 1.042764696
YBR278W YBR278W::DPB3::C and C' subunits of DNA polymerase II 1
1.406692823 1.636110765 1.442884914 1.654064113 1 1.426951046
1.396592719 1.563886918 1.579685168 1 1.267441411 1.394023688
1.590382723 1.460389885 1 1.116504973
1.192021437 0.331575878 1 0.966279097 1.208325064 0.775906571
0.676676203 1.002977983 1 1.208280859 1.264916308 1.330304485
2.127156895 1 1.123696941 1.431521802 1.238752455 1.796788998
1.296809292 1.25827172
YPL156C YPL156C::PRM4::pheromone-regulated membrane protein 1
1.298174978 1.370491381 1.057900499 1.762018424 1 1.005865768
1.643479618 1.545038736 1 1.086582322 1.196127431 1.381619379
1.277618702 1 1.110412049 0.919937971 1.832262469 1
1.595217178 1.900553572 1.054052972 1.834209016 1 1.227018537
1.176106281 1.10382158 0.784337716 0.926396108 1 1.338907581

1.440861367 2.169687486 1.461829167 1.425675651 1 1.39222648
1.394576739 1.151310706 1.270559868 0.933070484 1.404500872
YBR292C YBR292C::YBR292C::molecular_function unknown 1.073682238
0.972550541 0.827428051 1.01127497 0.842666664 0.945706904
1.038784293 1.051933046 0.972945002 0.979445941 1.168566
0.958430204 1 1.427182378 0.536864019 1.092397923 1.037720838 1
1.570931449 2.397910561 1.854530566 1.023476442 1 0.897664529
0.736314081 0.626328491 0.744368233 0.857212328 1 0.994584641
1.066201101 0.79816852 0.790181998 1.363053467 0.853343261
0.814601704 0.852443929 0.844676016 1.182092421
YPL158C YPL158C::YPL158C::molecular_function unknown 1 0.586971852
0.616668022 0.841240055 0.733538288 1 0.752542301 0.818986311
0.61139188 0.680017598 1 0.55337316 0.654204273 0.511363441
0.537300871 1 0.969814058 0.862297418 1.097148108 0.755731856 1
0.815156783 1.900734715 1.37626783 0.824501944 1 0.784333082
0.798359987 0.606711702 0.580934451 0.833187383 1 0.722558549
0.875099041 0.651553733 0.470291867 1.390870503 1 0.936934375
0.924270764 0.884748566 1.026388666 1.290650666
YBR294W YBR294W::SUL1::Putative sulfate permease 1 0.959802764
0.736073209 1.052721316 0.669348155 1 0.882492523 0.977660895
0.669641895 0.710144683 1 0.788646978 0.904399782 0.457730502
0.802014417 1 1.277605291 0.874266614 0.596273185 1
1.085647309 1.010600344 1.231587376 1.14989222
1.072653561 1 1.169822898 0.891162267 0.888193972 0.799311971 1
0.818417488 0.654261589 0.918674754 0.846218816 0.72238979
YPL160W YPL160W::CDC60::cytosolic leucyl tRNA synthetase 1
0.96329135 0.815796484 1.207792823 0.822844667 1 1.177438345
1.044338051 0.743216638 0.707912975 1 0.914955074 0.784333754
0.384561701 0.993724274 1 0.51916416 0.407419027 0.398450593 1
0.473880657 0.393764462 0.315729924 0.470620727 1 0.84338859
0.651864995 0.922996804 1.153328614 0.742124019 1 1.016554045
0.562156033 0.818245877 0.755206047 0.398826318 1 0.955843645
0.632366357 0.979349577 0.702333027 0.580590328
YBR296C YBR296C::PHO89::Probable Na⁺/Pi symporter 1.886331617
1.08301589 1.172935182 0.786112081 1.29063603 0.994035679
0.865211936 0.897054796 1.628808773 0.915982918 0.543383194
0.571729568 0.61219052 0.534991309 1 0.762075468
2.638132863 1 1.298071996 0.770199078 1.501987933 1
0.428224822 0.442082523 1.433672301 2.340939618 1 0.68509842
0.388758912 0.494261083 1.028770983 0.832165088 0.249552837
YGL249W YGL249W::ZIP2::Required for 'ZIPpering' up meiotic chromosomes
during chromosome synapsis 1 1.923030274 1.159964208 1.392476609
1.248001624 1 1.408495809 1.293278508 1 1.135338178
1.199322216 1.039048568 1.041067823 1
1 0.699050243 1.01224432 1.139182419
1.032769347 1 0.703437538 0.89671638 1.657463252 1
0.758334575 1.192567629 0.511552849 1.110709851 1.144440604
YBR298C "YBR298C::MAL31::Part of the complex locus MAL3; functional in
S288C; highly homologous to MAL61 from *S. cerevisiae*, MAL61 from *S.*
carlsbergensis strains JM1901 and CB11, and MAL1T from strain 4059"
1.294082636 0.990771665 1.033166932 0.837018514 1.081180112
0.943510168 0.916886123 0.77563026 0.968122464 1.125410899
1.029506625 0.724451869 0.819030076 0.803174604
0.618172698 1.047677578 0.95169467 1.162885249
0.837695542 0.975052619 1 0.800048646 0.778856758 1.230293156
0.680870626 1.171433211 1 0.6923823 0.874084244
1.207972577 0.830967177

YPL162C YPL162C::YPL162C::molecular_function unknown 1 1.079550089
0.765122712 0.945430634 0.771076853 1 0.906584452 0.569241568
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0.690861838 0.864366339 0.649072695 0.459845977 0.554636615
0.562048299 1 1.10450389 0.962664961 1.135652554 1.279193971
1.054075149 1 0.765009735 0.635240142 0.712901194 0.671148067
0.479193564 1 0.890669294 0.782182318 0.864515852 0.829653573
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YBR300C YBR300C::YBR300C::molecular_function unknown 1 1.778588575
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1.610306653 1 0.966474664 0.877338075 0.671355334 0.922698129 1
1.317316307 2.226298809 1.267065787 0.929601521 1 0.87764595
0.91641661 0.719705731 0.785715833 0.817609066 1 0.924596537
1.215023145 1.068101636 0.941125011 1.500172447 1 0.973548666
1.3264326 0.987185187 1.180490455 0.992661488 1.443028354
YPL164C YPL164C::MLH3::Mutl Homolog 1 1.282480381 1.292192782
1.485072607 1 1.412535424 1.7173761 1.530264486 1
1.420620861 1.457128581 1.363345748 1.358640593 0.686868385
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1.032841172 1.055699906 1.041646124 1.02675876 1.011413743 1
1.054460619 1.065455311 0.994281757 1.216937912 0.785495012 1
1.137792887 1.108368274 0.947870498 1.053616301 1.239646795 2.643508903
YGL251C YGL251C::HFM1::DNA helicase that functions in meiotic crossing over
1 1.321320481 1.142248547 1.256804035 1 1.099372266
1.059461283 1.264545382 1.196522683 1 1.232440181 1.218782897
1.236834953 1.288586167 0.711067023 0.801549975 0.653267017 1
0.825339802 1.130510772 0.866550041 0.89158067 1 0.947282279
1.033945744 0.86851883 0.877431627 0.96423681 1 0.80287605
0.891235968 0.755986192 1 1.170847895 1.008875985
1.099967826 0.991170218 1.216341058 0.892260903
YBR302C "YBR302C::COS2::Protein with similarity to members of the
Cos3/Cos5/Cos1/Cos4/Cos8/Cos6/Cos9 family, coded from subtelomeric region" 1
1.526502571 1.092822471 1.40749593 1.141710966 1 1.599240302
1.308822213 1.241232596 1.218825555 1 1.360204364 1.216119274
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1.595333816 1 1.293867897 0.79794773 1.515150641 2.415375767 1
1.053206278 1.176212239 1.346323982 1.135933177 0.982923101 1
0.951235274 1.100113633 1.216496741 0.733452776 0.933919393 1
1.297409042 1.178667592 0.96914836 1.141154481 1.306921214 1.120798695
YPL166W YPL166W::YPL166W::molecular_function unknown 1 0.757360249
0.89666077 1.102312455 0.875286325 1 1.031491921 1.19080268
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1.066862979 1 1.558667097 1.280969234 0.812588582
0.554636615 1 1.146091913 1.518923926
1.197027487 1 1.231124703 0.95924445 1.301209633 1.043152255
1.234507757 1 1.09673934 0.835710991 1.275731761 0.855373119
YGL253W YGL253W::HXK2::Glucose phosphorylation 1 1.164115386
0.896472328 1.228422551 0.786529381 1 1.251531038 1.178853653
0.84812429 0.766709945 1 1.170435656 0.956022265 0.763413685
0.835208008 1 3.053794973 2.518295105 2.426046421 1.196913746 1
1.843391873 0.835780722 0.791767356 1.314729265 1 1.138300153
0.663748644 1.256791347 1.121205417 0.801472038 1 1.341596634
0.839734306 0.676712947 0.545056995 0.377854404 1 1.524859399
0.955601997 0.870228848 0.594602867 0.753594342 1.182092421
YPL180W YPL180W::SHD7::molecular_function unknown 1 0.866298353
0.947434912 1.140541626 0.933304202 1 1.113287517 1.13787069

0.978367436	0.871743293	1	1.05821067	1.04732468	0.632617119
1.052180758	1	0.631879867	0.77169439	0.8038942	0.823766923
0.819675774	0.849535198	0.582315841	0.81699575	1	0.911965431
0.976120046	0.985918601	0.928281004	0.97427743	1	1.033986959
1.045643564	1.042492544	1.088665358	0.800248961	1	1.040598804
0.937571755	1.087686973	0.641406095	0.928689077	0.897514579	
YGL255W	YGL255W::ZRT1::High-affinity zinc transport protein 1				
1.872373359	0.918892634	4.70191633	32.52315795	1	1.333865513
1.482790319	4.934323848	38.00967738	1	1.721114207	0.738565659
1.214884957	19.47479584	1	1.204270973	0.595108715	0.583062806
0.77817788	1	0.749377338	0.173967944	0.233331196	0.701991586
1.74300205	0.92330945	1.165201686	2.092122756	1.58676637	1
2.186735702	1.283748341	0.860510386	1.150071538	0.804463829	1
2.287777477	1.407475867	1.021928997		0.919348899	0.751285375
YPL182C	YPL182C::YPL182C::molecular_function unknown 1 1.142636778				
1.024502243	1.459873577	1.116277064	1	1.410423911	1.271415012
1.048089603	1.330242299	1	1.042950863	1.429271368	0.908499873
1.262481909	1	0.971889463	0.637458956	1	1.114964954
0.711174711	1	0.877554222	0.825555298		1.040261463
1.064612619	0.761315871	1.019754191	1.088305898	1.023471495	1
0.928029103	0.673392026	1.12831309	0.8589437		0.80995221
YGL257C	YGL257C::MNT2::MaNnosylTransferase; involved in adding the 4th and 5th mannose residues of O-linked glycans 1 1.12600527 0.992151312				
1.101958915	1.068012574	1	1.046737907	1.126365415	1.044050667
1.03132513	1	0.909866344	0.906234747	0.66401386	1.0593424
1.237003608	0.643176104	0.723060842	0.837115672	1	1.431562505
0.890869514	0.675307948	1.023015015	1	0.733027744	
0.890983345	0.889709829	1	1.1217096		1.190432083
0.925096073	1	1.015448916	1.261960214	1.298637245	0.75594865
7.932277829					
YGL257C	YGL257C::MNT2::MaNnosylTransferase; involved in adding the 4th and 5th mannose residues of O-linked glycans				
			1	0.985883784	0.811465354
0.890373462	1.071280072	1	1.063581277	0.988733071	0.731771151
0.724998694	0.89106532	1	1.037468681	0.997527024	0.905529916
1.19031541	0.839275871	1.041116945			
YPL184C	YPL184C::YPL184C::molecular_function unknown 1 1.047941013				
0.834182956	0.978515299	0.784629583	1	1.012612334	0.999531987
0.676814895	0.794257134	1	0.997135969	0.85676347	0.66938023
0.816517049	1	0.908891944	0.638650543	1.072225348	0.813101663
0.440381909	0.489308888	0.303057999	0.433471077	1	0.945611768
0.857104925	1.316266229	1.351234964	0.632875481	1	0.804464179
0.562387676	0.82280253	0.806923203	0.509566649	1	0.655588278
0.647229805	0.993228781	0.766489694	0.758039773	0.723265402	
YGL259W	YGL259W::YPS5::Gpi-anchored aspartic protease (Yapsin 5) 1				
1.252557128	1.383937219	1.251887418	1	1.359283004	1.554975011
1.378708209	1.13828862	1	1.297438472	1.842069587	1.729531117
1.628559213	1.240644377				
1	1.045520653	1.234629909	1.515334613	1.180441938	1.098884829
0.811422027	1.168517675		1.573901863	1	0.906029998
0.883481044	0.961700401	1.284069679			
YGR010W	YGR010W::NMA2::NAD(+) salvage pathway 1 1.006552206				
1.038021154	1.116297866	0.84430312	1	1.1097523	1.269413303
1.107515093	0.977427932	1	1.215959	1.356438869	1.050806942
1.073407271	1	1.181680824	1.039609975	1.349769468	1.270657498
1.282059076	1.086410031	1.261941084	1.030826403	1	1.207107413

1.468976471	1.476246718	0.833146878	0.771057676	1	1.349558592
2.346537035	1.760079552	0.746192578	0.693436683	1	1.642919497
2.509212876	1.321555319	0.97796978	1.231166725	0.917653933	
YGR012W	YGR012W::YGR012W::not yet annotated	1	0.913555471	1.032151982	
0.888229504	0.999489305	1	0.917666282	0.924256605	1.103158885
0.944619404	1	0.828101223	0.889098293	0.903361683	1.031695798
1.143619162	1.061840592	0.903457725	1.156325274	1	1.505580527
1.847212558	1.267793121	1.412836921	1	1.047778211	1.096252706
1.087288615	0.989146883	0.880371958	1	0.932513409	1.025250183
0.856432177	0.959595964	1.145198633	1	1.132825934	1.163019559
1.153223229	1.141401311	0.970050549	1.25914728		
YGR014W	YGR014W::MSB2::putative integral membrane protein	1			
1.134450397	0.855172177	1.206871257	0.707330229	1	1.175689853
1.233311544	0.750341346	0.759954037	1	0.998447634	0.862807435
0.538331097	0.921112175	1.114997725	1.088816834	0.82380407	1
0.427010158		1	0.992127021	0.73431644	1.027347079
1.412791681	0.571840213	1	0.623796616	0.461653413	0.501086633
0.716484679	0.324678592	1	0.816014598	0.827098048	0.992147505
0.627352484	0.796683379	0.666349844			
YGR016W	YGR016W::YGR016W::molecular_function unknown	1	1.258813858		
1.254693425	1.147240695	1.364367461	1	1.252583697	1.140378713
1.579559181	1.168354095	1	1.28412706	1.245441317	1.014844773
1.35124161	1	1.077647153	0.95155692	1.122330093	
0.346921775		1	1.253549615	1.477972437	
1.190506158	1.298847154	1	1.048446683	1.13003775	0.971503734
1.133025027	1.91390808	1	1.379795122	1.073020011	1.148648231
1.58347474	1.188221762				
YCL014w	YCL014w::BUD3::cell cycle regulated protein required for axial bud formation; co-assembles with Bud4p at bud sites	1	1.113350066	1.124518979	
1.353319148	1.090964143	1	1.31849452	1.306157093	1.117699183
0.982270613	1	1.358864001	1.442814161	1.447283196	1
1.270615561	0.7585958	0.828387851		0.828600275	
0.622927797	1	0.896323728	0.943905883	0.918087594	1.018588741
0.86152838	1	1.196063181	1.020857051	0.818038746	0.915515029
0.795218484	1	1.021037906	0.845446171	1.02449952	0.705224535
0.842515639	0.983325775				
YCL017c	YCL017c::NFS1::Nifs-like protein	1	1.321064128	1.138053297	
1.10279733	0.806351868	1	1.268830124	1.23191685	1.008006928
0.986731802	1	1.722810203	1.532785262	0.911202289	1.067799026
1.203705377	1.256090637	1.088117568	0.900059774	1	1.343249272
1.086839017	0.859606472	1.257385371	1	1.3185042	1.346426101
1.937556814	1.408308397	0.873006655	1	1.285773728	1.518298899
1.915441025	1.434918785	0.853194344	1	1.450128949	1.585964003
1.369904895	0.876756609	0.814280405	0.890509573		
YCL019W	YCL019W	1	0.803725168	0.690116121	1.438831065
1.18545789	1.180229042		0.624542514	1	1.466847299
0.346421911	1.348569758	1	0.917851011	1.164320082	0.77309894
0.541683061	1	0.456200117	0.300491848	0.342409778	0.779654758
1.040580063	1.071264013	1.195683329	1.095548537	1.19642905	1
1.144360544	1.519162751	2.040613799	2.955097556	1.564523539	1
1.361897908	1.760830131	2.373601513	1.386334347	1.274021576	0.777554122
YPL186C	YPL186C::UIP4::Ulp1 Interacting Protein	4	1	1.328990127	
2.299867458	2.953658871	3.200539128	1	1.905176587	3.492497916
1	1.195140796	2.517632708	7.335410058	3.698352786	1
6.060195575	9.469962083	11.1495025	1	3.377666903	4.585957378
12.26447958	5.775322506		1.140376805	0.995732937	

	0.978880058	1	0.965614936	0.964697206	1.52253987	1.440334919	
	1.30517889	1	1.067652683		2.447722856	1.430769567	
YCL021W	YCL021W	1	1.042839632	1.358048277	0.962167027	1.417274315	1
	0.988511776	0.804998492	1.390023096	1.382401905	1	1.056509656	
	1.24700147	1.922692238	1.147551356	1	1.007001728	1.316479517	
	1.41771571	1	0.917623959	2.279192903	1.333093985	0.946922976	1
	0.653886611	0.768585755	0.604883777	0.570665764	0.980321273	1	
	1.262022216		2.039822144	2.68997858	3.333904459	1	1.185699646
	2.397602991	1.70388416	1.996074585	1.513228594	1.80378539		
YPL188W	YPL188W::POS5::involved in oxidative stress					1	1.39600083
	1.020206436	1.138176123	1.103853138	1	1.183570786	1.116921786	
	1.117076141	1.209952336	1	1.349453363	1.244072761	0.884871421	
	0.93474973	1	1.407669373	1.04678826	0.963535919	0.7905761	
	0.803275227	0.415977478	0.378001112	0.666413116	1	0.831144071	
	0.997310823	0.895287181	1	0.938425627	0.466517705	0.577715332	
	0.803728652	0.693068833	1	0.762873198	0.441979702	0.847461782	
	0.713372323	0.784377709	1.003465128				
YCL023C	YCL023C::YCL023C::molecular_function unknown					1	1.312389158
	1.923045201	1.277381689	1	1.657823915	2.236128847		1.540744305
		1.386785186	1.098570887	1.611380774	1		
	0.644023313					1	
	2.482273144						1
YPL190C	YPL190C::NAB3::May be required for packaging pre-mRNAs into ribonucleoprotein structures amenable to efficient nuclear RNA processing						1
	0.649598947	0.694809153	0.814354068	0.672266528	1	0.866592828	
	0.899320144	0.615915601	0.658590603	1	0.718059669	0.729137141	
	0.692125614	0.690380114	1	0.952200785	0.791271317	0.862814687	
	0.960312071	1	0.959074397	1.169340126	1.111148165	0.964886268	1
	0.797305117	0.778974976	0.761800658	0.857129076	0.837818301	1	
	0.769667507	0.522529901	0.711541538	0.788248831	0.376282779	1	
	0.745841137	0.581033074	0.82624292	0.575396384	0.780570423	1.020101927	
YCL025C	YCL025C::AGP1::broad substrate range permease which transports asparagine and glutamine with intermediate specificity					1	0.781803074
	0.765830044	0.846990164	0.585603326	1	1.120203826	1.128147079	
	0.636297764	0.750655134	1	1.270623157	0.833620582	0.619359601	
	0.693590445	1	0.643993621	0.768926695	0.485458391	1	
	1.066224061	0.825920789	0.538536694	0.573022382	1	0.988599994	
	0.986339812	1.234684434	1.359872853	1.046269652	1	0.7061931	
	0.415577455	0.679108954	0.670120076	0.590531731	1	1.112402367	
	0.623549325	1.136571244	0.695666219	1.531086874	1.027106933		
YCL039W	YCL039W::YCL039W::molecular_function unknown					1	1.256904717
	1.273297576	1.164614987	1.067906611	1	1.306586753	1.343486905	
	1.081006494	0.925702025	1	1.563806795	1.753350197	1.330810141	
	1.114912199	1	1.272396033	1.060373782	1.787136593	1.035895405	1
	1.238495844	2.278657061	1.329368117	1.58675674	1	1.158394793	
	1.272704121	1.281336773	1.062554552	1.052676756	1	0.975945629	
	1.078636367		1.020636152	0.916683065	1	1.106038564	1.091431776
	1.187799701	0.968657433	1.081871098	0.95705708			
YPL204W	"YPL204W::HRR25::Similar to YCK1 and YCK2, two other casein kinase I isoforms; found primarily in nucleus; may be involved in DNA-damage repair"						1
	0.842168178	0.923166562	1.159157779	0.983399583	1	1.053417323	
	1.073388052	0.818466655	0.936794994	1	0.959708222	1.106817899	
	0.748033463	1.149389649	1	1.220023207	1.290142892	1.008796732	
	1.031297205	1	0.893113571	0.712954261		1	0.936945829
	0.992363273	0.992890348	0.865774883	0.947324405	1	0.885168312	

0.738029531 0.782881617 0.909508749 0.867432451 1 0.737239236
 0.678290036 1.03075618 0.93131415 0.9682778 1.013972585
 YCL041C YCL041C::YCL041C::molecular_function unknown 1 0.888000142
 0.871022785 1.205360664 0.640071253 1 1.039765267 1.03813276
 1.113994863 1.147546775 1 0.842040026 1.158285085 1.369494723
 0.946655959 1 1.997095814 3.022842447 0.429334507 1
 0.730215092 0.354107002 0.164191016 0.23916723 1 1.294991671
 1.565535847 1.611583662 2.742751116 1.771908139 1 0.686272258
 0.346614054 0.548171473 0.970054055 0.269739594 1 0.541387062
 0.401275695 0.585159167 0.306427932 0.730211535 0.312597762
 YPL206C YPL206C::YPL206C::molecular_function unknown 1 1.070581991
 1.096934122 0.886645081 1.105899346 1 1.017963559 0.868871784
 0.980950388 1.053607725 1 0.986001685 1.07344953 1.388262531
 0.946729151 1 1.581874537 1.375155004 1.462408462 1.754341344 1
 1.305088284 1.332496159 1.680482225 1.131678398 1 1.083135777
 1.270082475 1.020052468 0.953863321 1.012630702 1 0.980960818
 1.021817362 1.293422096 1.011655432 0.954688963 1 1.172977417
 1.025927682 0.865731827 1.031053901 1.212153169 1.545476347
 YCL043c YCL043c::PDI1::Catalyzes the formation and isomerization of
 disulfide bonds during the folding of secretory proteins. 1 0.864527787
 0.726692574 0.747327948 0.354014595 1 1.055375455 1.044766426
 0.542527092 1 1.017853185 1.027666705 0.738275903 0.618505064 1
 0.821257317 1.150142748 0.671282668 1 0.849022273 0.641398944
 0.471984422 1.000921819 1 0.888887763 0.983936154 1.473928289
 1.144028132 0.782960422 1 0.838343345 0.786524929 0.981081613
 0.845079787 0.451867822 1 0.850996272 0.82126242 0.99233482
 0.489659978 0.803522488 0.794190973
 YPL208W YPL208W::YPL208W::molecular_function unknown 1 1.193553775
 0.982300426 1.528716974 1.439536497 1 1.375386013 1.282564315
 1.079124267 1.099271244 1 0.977677153 0.928482579 0.725456819
 1.222424672 1 0.737906687 0.547018956 0.631249722 0.930424648 1
 0.773746257 0.963067549 0.474956131 0.852369886 1 1.042694134
 0.969877563 0.873327133 0.913356209 0.982942815 1 1.006403656
 1.064558801 1.116058432 0.860041224 0.793109154 1 1.207691452
 1.181501107 0.987068142 0.932450421 1.102950612 1.102410567
 YCL045C YCL045C::YCL045C::molecular_function unknown 1 0.843541371
 0.638407027 0.802121503 0.690672512 1 0.797554475 0.829185703
 0.626682452 0.613778986 1 0.924445961 0.722540152 0.639687736
 0.920270645 1.5124135 0.25343356 1.292163079 0.884317266 1
 0.684846618 0.56072929 0.580334005 0.575962522 1 0.79070722
 0.949702424 1.139148098 1 1.574654533 1.46035643
 1.176954474 1 0.659318784 0.656697918 0.702907882
 0.989455116
 YPL210C YPL210C::SRP72::part of the signal recognition particle (SRP)
 ribonucleoprotein (RNP) complex that functions in protein targeting to the
 endoplasmic reticulum (ER) membrane 1 0.734531247 0.829472658 0.961795544
 1.105177217 1 0.985474244 0.741660666 0.991539952 1
 0.770821008 0.733284814 0.579095237 0.940969972 1 0.691149466
 0.528148817 0.507373538 0.698507278 1 0.826352751 0.836771788
 0.799885625 1.031066606 1 0.842531967 0.913900333 0.825045207
 0.819380352 1.045551167 1 0.889152012 0.714186663 0.815784247
 0.735799567 0.694701126 1 0.989090801 1.031323254 1.239687236
 1.09145296 1.016549691 1.160201842
 YPL212C YPL212C::PUS1::Involved in tRNA biogenesis 1 1.676810035
 1.621194454 1.497088775 1 1.727273205 1
 1.418560489 1.487082499 1.438851384 1.500737929
 1 1 0.887247031 0.870492089 0.924008047

1.071033447 1.061547904 1 1.075401495 0.852932835 0.841292421
1.03048522 0.744482506 1 0.879770733 0.795729452 0.773673822
1.03777864 0.627214685 15.2192212
YPL214C YPL214C::THI6::thiamin biosynthetic bifunctional enzyme 1
0.784280853 0.830613267 0.944938158 1.06796368 1 0.963438951
0.933162721 1.012634654 1 0.920446 0.928979534 0.880615856
1.020558491 1 1.446671598 1.463245483 1.660627688 1.508387947 1
1.449359592 1.866865759 1.287152663 1.389324307 1 1.213851844
1.130976843 1.189577775 1.177705051 1.063995274 1 1.172856175
1.266078245 1.020403343 0.844435075 1.166495654 1 1.010036337
0.978139849 0.971873226 1.240351558 1.19069313 1.359844049
YPL228W "YPL228W::CET1::Interacts with Cegl1, the mRNA capping enzyme alpha
subunit; removes gamma-phosphate from triphosphate-terminated RNA" 1
1.223807269 1.078886956 1.185912693 1.617187161 1 1.012966019
1.357036482 1.071881885 1.113025859 1 0.998084443 1.011369151
0.927703562 1.234161952
1 0.852773427 1.113601328 0.784644249 0.708539559 0.996357653 1
0.992800578 1.134610669 0.886701721 0.832258845 0.890200151 1
1.392288015 1.170746924 1.099406255 1.142966045 1.454793851 0.889634012
YCL047C YCL047C::YCL047C::molecular_function unknown 1 0.992591911
1.044029178 0.997717741 1 0.863455737 0.977228349 1.029139246
1 0.993193031 0.994574092 2.00645489 1.146361942 0.563083198
0.466943188 1 1.544219965 1.705221309 1.994163345 1.802548626 1
1.044489755 1.34430383 0.83481237 1.010008585 1
1 0.691924946 0.705956733 0.519980162 0.654109198
0.682442149 1.631287543
YCL049C YCL049C::YCL049C::molecular_function unknown 0.837275169
0.845002938 0.934770084 0.958410624 0.826927258 0.921542483
1.05441114 0.906635233 1.058774766 0.802804815 1.130732267 1
1.516018916 2.75726474 2.07470594 1 1.626696943 2.184820171
2.699949536 1.537235151 1.056807685 0.971943451 0.644588
0.847391082 0.764540752 1 0.932764782 1.138363001 0.71775754
1.101974615 1 0.801373304 1.030827679 0.672658527 1.07699535
0.77444358 0.999962573
YCL063W YCL063W::YCL063W::molecular_function unknown 1 1.072175484
0.749519968 0.887469763 1 0.979385855 0.997844887 0.67868296
1 1.108095136 0.766677158 0.769098795 0.76543465 1
0.488123167 1 0.878424911 0.840313444
0.971322153 1.168676557 0.975516761 1 0.698500207 0.50371078
0.730329227 0.958259541 0.804429199 1 0.722035688 0.474734243
0.761191065 0.2611183 0.940760452 0.814330326
YPL230W YPL230W::YPL230W::molecular_function unknown 1 0.915258413
1.609607242 1 1.217709656 1.77778776 0.937516639 1
1.353918596 2.337577915 4.196849202 1.267635208 1 1.874005874
1.583896597 3.167645413 1.966219518 0.338772607 0.86773797
0.845656333 0.173941436 1 0.99979295 1.358782457 0.865863842
0.990856298 1 0.811980362 2.19549647 2.221211943 2.291689525 1
1.060816613 1.037563904 1.496248613 0.511240081 0.715384783
YCL065W YCL065W::YCL065W::molecular_function unknown 1 1.644243969
1.368844135 0.856118096 1.493670706 1 1.021218884 0.952404788
1.363606816 1 1.176076187 1.256663998 1.300676597 1.267877457
0.575182461 0.61219052 1 1.839538072 2.667724085
1 0.927058746 0.78548612 0.438243262 0.704896044 0.79665078 1
0.797437812 0.743586534 0.835039887 0.949927409 1.010977195 1
0.768757258 0.717001244 0.914883188 0.580401131 1.747745549
YPL232W YPL232W::SSO1::SSO1 and SSO2 encode syntaxin homologs (post-Golgi t-
SNAREs); act in late stages of secretion 1 0.760760302 0.988505724

0.946377023	1.083598997	1		0.888331456	1.099008616	1.17686044	1
0.67121191	0.893241716	1.060483029	1.06796978	1		0.884682638	
1.065463441	1.026279862	1.521333434	1	1.138755076	1.320594386		
1.541126196	0.845923329	1	0.957329487	1.148137094	0.909593908		
0.937515178	0.960041457	1	1.092285937	1.188402281	0.911203982		
1.071636016	1.594923318	1	1.146523947	0.972340214	1.099917459		
1.142703825	1.18201988	1.007843244					
YCL067c	"YCL067c::HMLALPHA2::Homeobox-domain containing protein which, in haploid cells, acts with MCM1 to repress a-specific genes. In diploid cells alpha2 acts together with a1 to repress transcription of haploid-specific genes."						
1	0.716051879	1.1754149	0.923262885	1.406995183	1		
0.744406718	0.82283187	1.357265876	1.057452025	1	0.941979259		
1.394568428	1.337105995	1.045217823	1	1.274587317	1.535740514		
1.499347064	1	1.609908297	1.841714186	2.453297219	1.059836614	1	
0.869285276	1.319861933	0.73062033	0.554867778	1.028532829	1		
1.291618812	2.001007464	1.903969902	2.350037622	3.269331161	1		
1.108348143	1.490816923	1.206251344	1.303823315	2.280584346	1.323067897		
YCL069W	YCL069W::YCL069W::not yet annotated						
1.037707084	0.986743317	1.303780356	1.204333276				
0.922308463	0.929733252	1.038855172	1.157165038	1	0.926901952		
0.894843688	1.438018283	1.348558876	1	1.212430932	2.041012993		
0.728444537	0.732431076	1	1.101055306	0.887036379	0.888090111		
1.032402635	1	0.68171194	0.975455917	0.7321864	0.906136323		
0.966032588	1	0.785964886	1.285629441	1.030845626	0.869323921		
1.34178893	1.112918128						
YPL234C	YPL234C::TFP3::vacuolar ATPase V0 domain subunit c' (17 kDa)						
2.134068114	1.80354316	1.306235899	2.586820868	1	1.460696181		1
1.023462751	2.026963023	1.966550145	1	1.387479547	1.461808409		
1.649540931	1.613392335	1	0.951164628	0.592587988	0.601870435		
1.186451358	1	1.934680755	1.640578949	1.389050465	1.166118712	1	
1.188780915	1.305532993	1.195153591	1.35681282	1.007114778	1		
1.077451509	1.422964177	1.040985222	0.685818815	1.141862241	1		
1.295650468	1.381032291	0.875165093	1.573267228	1.11857368	1.288042866		
YCL074W	YCL074W						
0.89109581		1.182030799		1.248106005	1.267894155		
1.116047446	1	0.91414862		0.921628155	1	1.288838774	
	1.183825766						
0.949280245		1.186683729		0.782894176	1.389530769		
0.93112307	1.206986658		0.767922225				
YPL236C	YPL236C::YPL236C::molecular_function unknown						
1.056518664	0.943036859	1.07442496	1	1.038359601	1.200669278		
1.14795602	1.021915172	1	0.944191815	1.09944912	1.054678025		
0.992951959	1	1.744993555		1.421829027	1.685968119	1	
1.915329844		0.991400376	1	0.992096575	1.121153105	0.953002112	
0.905691101	1.020536867	1	1.159009603	0.87073754		0.860390854	
1.191981893	1	1.430421719	0.953931287	1.123350385	1.014492376		
1.3624915	0.978071994						
YCL076W	YCL076W::YCL076W::molecular_function unknown						
0.97837775	0.816460138		0.842666664	1.077512749		1.048216015	
	1.196277971	1.847502811	1.29813939	1		2.620909293	
1.987562069		0.37136928	1.000805984	0.327116353			
0.968930563			0.859271058			0.903033272	
0.82764329	0.712010268	1		1.55043651		1.408780951	
0.933415171							
YPL238C	YPL238C::YPL238C::molecular_function unknown						
0.983491885	0.945752071	1.485816503	1		0.97570406	1.023814079	
1.241433379	1	0.70882132	0.708604947	0.90064336	0.892862373	1	

0.982330315 0.429503945 0.377495177 1 1.351082716 0.333394812
 0.365644753 0.753037454 1 0.628868535 0.849305434 0.635514431
 0.686190642 0.844600008 1 1.112874173 0.883280084 0.734523934
 0.961312408 0.599429229 1 1.016888298 0.726701955 0.890905464
 0.826035161 1.007923997 0.920280823
 YCR002c YCR002c::CDC10::cell division cycle blocked at 36 degree C
 1.056444222 1.113763987 0.913525251 1.051412707 0.889885097
 1.000626017 1.053359122 1.008567177 1.00067454 1.233298031
 1.1942744 1.094509732 1 1.700978239 1.320233263 1.047533685
 1.359818581 1 1.764262853 1.038117752 1.228119007 1.006818647 1
 0.956183695 0.903280444 1 0.983902941 1.488674874
 0.916684803 0.851135508 1.39500599 1 1.683292133
 1.303432768 0.731630757 1.449157695
 YPL252C YPL252C::YAH1::Yeast Adrenodoxin Homologue 1; This protein is
 targeted to the mitochondrial matrix as shown by using a specific polyclonal
 antibody 1 1.179913009 1.168129893 0.514316508 1 0.926313132
 1.26980033 0.658210813 1 1.294892129 0.773568078 0.918243333
 0.459314238 1 0.746222608 0.918562453 0.667734756 1.518618084 1
 0.562166529 0.761401134 0.525068038 0.653925212 1 0.91925389
 0.68326339 0.61668279 0.897083526 0.798872687 1 0.668833987
 0.684050196 0.350158627 0.663543074 1.29412272 1 0.785068676
 0.741761017 0.822976333 1.016899385 0.978128475 1.043743836
 YCR004C YCR004C::YCP4::Protein with similarity to S. pombe brefeldin A
 resistance protein obr1 and E. coli WrbA protein which stimulates binding of Trp
 repressor to DNA 1 1.142099369 1.061773233 1.091951676 1.095286278 1
 0.926209889 1.034576194 1.289189016 1.292937523 1 1.106773759
 1.369243797 2.166446192 1.334029769 1 1.740696149 1.87386795
 2.657973922 1.87838973 1 1.682757718 1.386818396 2.035868417
 1.572753675 1 1.074480613 0.98029291 1.306717633 0.916150301
 0.746491211 1 0.97709795 1.223356108 1.241192588 1.085874674
 1.090301674 1 1.150497062 1.411253377 1.293947345 1.208623529
 1.926979636 1.217117347
 YPL254W YPL254W::HFI1::Transcription factor involved in global regulation of
 gene expression 1 0.626425416 0.598534295 0.825423923 0.654471564 1
 0.673605811 0.709110111 0.735299072 1 0.495333319 0.587675908
 0.372010978 0.737398067 1 0.42791608 1.049386818 0.961932505
 0.658315976 1 0.712585416 0.502409594 0.52203583 0.631036141 1
 0.804098262 0.995564423 0.81757402 1.089842183 1.049688672 1
 0.880914389 0.65381284 0.745000195 0.854320855 0.672335533 1
 0.733201586 0.678302175 0.787335797 0.652719288 0.968227844 0.939544512
 YPL256C YPL256C::CLN2::role in cell cycle START 1 0.641818832
 0.696139665 0.800353384 0.672382644 1 0.773633812 0.811791189
 0.775738051 0.668473289 1 0.420481959 0.456123951 0.37886395
 0.973156664 1 0.267640395 0.230301238 0.255043994 0.766907722
 0.644948541 0.450693635 2.02533068 1 0.56111779 0.586527183
 0.713637649 0.767378892 0.904912826 1 0.523705144 0.511026151
 0.370874299 0.397966611 0.775384771 1 0.536649102 0.687986053
 1.005671247 0.917390365 1.061425638 0.72501668
 YPL258C YPL258C::THI21::THI for thiamine metabolism. Transcribed in the
 presence of low level of thiamine (10-8M) and turned off in the presence of high
 level (10-6M) of thiamine. Under the positive control of THI2 and THI3. 1
 0.956111099 1.056435634 1.012964795 0.998780251 1 1.004195675
 1.036564032 1.001328438 1.01947318 1 0.919105839 0.9582202
 1.16240867 0.897995754 1 0.864973156 0.921884586 1.272279297
 1.005809847 1 1.405697084 1.824886134 1.689791145 1.4833113 1
 0.890207739 0.814542926 0.911638123 0.924334191 0.934357757 1

	1.099315247	0.915524517	0.831268632	0.863683668	0.831092485	1
	1.032523661	0.856337953	0.889010514	0.840442723	1.133761776	0.980698884
YPL260W	YPL260W::YPL260W::molecular_function	unknown				1 0.658194912
	0.830133846	0.947616134	0.926976047	1	0.892358333	0.927631329
	0.748278552	0.722543833	1	0.863746303	0.959486325	0.740823922
	0.880861479	1	1.7020869	1.311221407	1.190623173	1.029413521 1
	1.724395894	1.03367668	1.197487079	1.048678095	1	1.074204198
	1.263683382	1.028572114	0.88147617	0.989969906	1	1.074287911
	1.100003623	1.027689432	0.788158006	0.88391514	1	1.619850279
	1.38899774	1.068417589	0.957694141	1.740073972	0.999087012	
YKR015C	YKR015C::YKR015C::molecular_function	unknown				1 1.006824299
	0.792284693	0.819214481	0.680394006	1	0.792516976	0.856800808
	0.721367807	0.745396919	1	1.249747055	0.85752262	0.679384575
	0.730227192	1		1.058992276	1	1.947746239
	4.997652146	2.543144804	1.465195721	1	1.228014176	1.111968742
	1.260398873	1.446024157	1.23504437	1	0.972528909	0.88936202
	0.885602976	0.811525176	0.755592622	1	0.941497883	0.779947947
	0.70650525	0.57177866	0.684159507			
YKR017C	YKR017C::YKR017C::molecular_function	unknown				0.944397153
	0.936108426	1.043230249	1.199237048		0.984321892	1.129136693
	0.907611303	0.945376852		0.833091694	0.927617782	0.885773047
	0.943745383					
	0.692745419	0.835724101	1.102265626	1.039362986	0.910942165	1
	0.890415281	1.08210013	0.973180158	0.717730576	0.750502913	1
	0.88275721	1.176684969	0.870646752	0.953963707	0.954731487	0.446568232
YKR019C	YKR019C::IRS4::Increased rDNA silencing					1 0.714749334
	0.846482831	0.84446097	0.821963501	1	0.819434909	0.788338722
	0.999539463	1.008628279	1	0.811875108	0.758250748	0.887520296
	1.114888962	1	0.763672341		0.612855516	0.871060877
	0.339936759	0.789462581	0.140538868	0.254389353	1	1.149835002
	1.149139733	1.258902718	1.268324875	1.154257707	1	0.954341321
	0.841423574	1.039588614	0.87357161	1	1.003349089	1.115669371
	1.192129201	1.120751201	1.054644297	0.913275817		
YKR021W	YKR021W::YKR021W::molecular_function	unknown				1 0.872714613
	0.823759964	1.028107644	0.857364633	1	0.951010251	1.004602789
	0.850356182	0.844515506	1	0.939983823	0.94173541	1.270753613
	0.986654822	1	1.051082882		0.979418271	0.774299434 1
	0.802782995	0.962723122	0.54977039	0.62894171	1	0.945955506
	1.014444524	0.795254976	0.916373756	1.029916386	1	1.100648165
	0.835177452	1.173448214	1.036377652	0.969578685	1	0.745520765
	0.87335761	0.940782631	0.795566659	0.840762854	1.068261305	
YKR023W	YKR023W::YKR023W::molecular_function	unknown				1 0.559682133
	0.770615278	0.888005803	0.925245191	1	0.80071626	0.962496231
	1	0.791010952	0.97155021	1.155550302	0.759018809	1 0.893089786
	0.634455147	0.867867375	0.630012245	1	1.721492858	2.363363722
	2.1964668	2.054567672	1	0.776691257	0.981987102	0.683106299
	0.547285719	1.104842748	1	1.169095982	1.251000683	1.50690365
	1.705454743	1.659717159	1	1.096592545	1.286899555	1.197310165
	0.748324537	1.341270025	1.023604482			
YKR037C	YKR037C::SPC34::Spindle Pole Component of molecular weight 34 kDa					1
	0.82435508	0.831866748	0.949621117	1.084285757	1	0.819347031
	0.884037878	1.167719046	1.164935397	1	0.787248573	0.892835692
	1.745828385	0.867850878	1	0.973027854	0.259959262	0.461576373
	0.643657666	1		1.614989517	1.651848342	1 1.076113024
	1.081666061	0.8301024	1.05955014	1.138761743	1	0.943368602
	1.006625938	1.058267389	1.004558929	0.954832144	1	0.97550224
	0.922117338	0.91680823	0.939308871	0.911206756	0.725892293	

YKR039W YKR039W::GAP1::general amino acid permease 1 0.632342029
0.570861781 0.956146097 0.72567596 1 1.171174784 1.444854667
0.806349555 0.843347689 1 0.778155172 0.66882427 0.619273888
0.81389631 1.617584441 3.092153922 1.692992996 1
1.421695507 1.248597544 1 0.750077895 0.930949463
1.392722981 0.838180732 1 0.715145928 0.711334868 1.250136575
1.272865438 0.761858839 1 0.928535136 0.703012183 1.626659756
2.535917159 1.355465933
YKR041W YKR041W::YKR041W::molecular_function unknown 1
1 1.002841859 1.032358849 0.850193673 1.029856913 1
0.92787073 1.187134364 0.993603162 1 0.901141818
0.88763498 1 1.073737782 1 1.089941995
0.914133817 1.041998195 1.071827117 1.140219174 1 1.034349884
1.088264341 0.940716297 1.152332928 1.170371858 1 0.772193108
0.747176371 0.687987293 0.619582995 1.338829134
YJR039W YJR039W::YJR039W::molecular_function unknown 1 1.153412461
1.170594524 1.398616289 0.979407994 1 1.221907788 1.704401417
1.079666285 0.953838271 1 1.468326447 1.549535865 0.984294237
1.062211667 1 1.672195635 1.914203262 0.969479414 1
1.293272752 0.79774144 0.851370936 0.793105936
0.997672138 1.000888116 1 1.103677566 0.924576252 1.171097886
0.748992538 1 0.797718659 0.673988132 0.747519135 0.757538443
0.837567777 1.011345695
YJR053W YJR053W::BFA1::Byr four alike 1 1.138740451 1.579664245
1.139108794 1 1.445261299 1.500824097 1.020969129 1
1.040958981 0.994152268 1.656506917 1 0.486248414
0.58904601 0.439424721 1 0.749882263 0.827695103 0.650749001 1
1.034059988 1.422090821 1.638433298 1 0.996300166
1.181313647 0.674916101 1 0.80128749 0.792353295
1.084507985 0.962273549 1.048495441 0.699623598
YKR043C YKR043C::YKR043C::molecular_function unknown 1 1.455543006
1.091993922 0.82474758 1.081209811 1 0.819212011 0.856619304
0.910851905 1.010174079 1 1.019704878 0.807221072 0.712535015
1.506829165 0.641239993 0.947581025 1.72762379
1.22737423 1 0.901746529 0.731077725 0.794918753 1.071050498
0.886987285 1 0.989440107 0.92382565 0.993169089 0.855089287
0.748786501 1 0.976624804 0.800987746 0.801233698 0.888683862
0.632181457 0.814330326
YJR055W YJR055W::HIT1::Protein required for growth at high temperature 1
1.620687615 1.674640149 2.047506717 1 1.286084752 1.559889013
2.220445839 2.184717397 1 0.857095412 0.964787648 1.125649613
1.89252917 0.343434193 0.673896523 1 1.080385156
0.864767989 1 0.881373228 0.908719362 1.045357957 1
1.097547062 0.895065466 2.043858057 1.086279822
0.958690643 0.774719383 1.398131438 2.548941476
YKR045C YKR045C::YKR045C::molecular_function unknown 1 0.768803994
0.677708524 0.605221876 1 0.783965905 0.736620802
0.662843819 1 0.768584469 0.815343853 0.741351901 0.825593839 1
0.788397632 0.792549957 0.892239474 0.848458065 1 0.887615653
1.389924808 1.119739527 1.24158173 1 0.809140643 0.72495357
1.030021365 0.731557436 1.004246423 0.883565986 1.057595615
0.710037578 0.810092769 0.703078203 1 0.81827267 1.225897364
0.820809278 0.841284234 0.693333344 1.230251695
YJR057W "YJR057W::CDC8::essential for mitotic DNA synthesis. Required for
premeiotic DNA synthesis, synaptonemal complexes, recombination, meiosis I,
meiosis II, and spores" 1 0.697025345 0.959713561 0.617735182 1.031451713 1
0.647525701 0.643806535 0.932799796 0.996473962 1 0.692169398

0.676794713	0.863910507	0.741027631	1	0.860725889	0.590160405
0.506807492	0.990265299	1	1.005617244	1.11912503	0.670967266
1.041313509	1	0.840647582	1.181366214	0.870976991	0.763390827
1.052200225	1	1.152430212	1.726800257	1.383030053	1.40092986
1.712920991	1	1.225296622	1.432688761	0.981352804	1.558848006
1.151983505	1.15144561				
YPL262W	YPL262W::FUM1::Fumarase converts l-malate to fumarate as part of the				
TCA cycle	1	0.942567723	0.841208827	0.962382733	1 0.98691091
1.201819798	0.772844528	0.877934719	1	0.769924414	0.834650936
0.84131797	0.814736363	1	1.409261675	1.29192635	1.7771283
1.65055481	1	0.678514318	0.752001209	0.640266212	0.804206234 1
1.121837871	1.04205575	1.353173621	1.205989576	0.867167335	1
0.943242066	0.740964915	0.905430827	0.98055086	0.720325357	1
0.934621503	1.098821888	1.061720517	0.951917032	1.018264026	0.909773366
YJR059W	YJR059W::PTK2::Putative serine/threonine protein kinase that				
enhances spermine uptake	1	1.00406172	1.210008886	0.815211074	
0.843973112	1	1.042727564	1.102525472	0.957996464	0.684998314 1
1.526784857	1.421700756	1.220418164	0.823693953	1	1.229833082
1.558785941	1.503544385	0.721793975	1	1.139975493	1.033371999
0.854122892	0.682015536	1	1.135866202	1.018802948	1.171545674
1.192684794	1.012815413	1	0.946516635	0.838527248	0.780407553
0.829507775	0.695180803	1	0.819664867	0.848454939	0.999839838
0.892537936	0.922602255	0.767046613			
YJR061W	YJR061W::YJR061W::molecular_function unknown 1 1.810902535				
1.453632825	1.486086273	1.371120295	1	1.333048677	1.738443908
1.458843635	1.309035574	1	1.309543478	1.200258423	1.47426016
1.237732126	1	0.8261398	0.91450518	0.846812367	1
1.85300724	0.987323058	1	1.212650246	0.755897374	1.242908261
1.063336178	1	0.905984232	1.074691567	1.017463241	1.102788035
1.271144689	1	0.821281052	0.90044805	0.694925605	1.058454672
0.916547465	1.043743836				
YPL276W	YPL276W::YPL276W::molecular_function unknown 1 1.900138905				
1.714533185	1.447497328	1.829433834	1	2.100138793	1.399759437
1	1.260957123	1.141323075	1.512768603	1	
			1	1.125717206	1.144390339 1.006326192
1.121205409	0.919804443	1	1.110706069	0.855031812	
1.036323667	0.856622497	1.169312727	0.517244217	3.19360552	0.936917726
YJR063W	YJR063W::RPA12::A12.2 subunit of RNA polymerase I 1				
1.253590362	1.30456038	0.987284879	1.951822079	1	1.078381739
0.899146317	1.649000688	1	0.741758466	0.53367321	0.711433382
1.160532497	1	0.246013611	0.16397747	0.168378989	0.630254289 1
0.432589278	0.569753483	0.927869023	1	0.830926645	0.700880983
0.482016365	0.740379634	0.851116292	1	0.752690278	0.901644885
0.483082528	0.79108339	1.620004479	1	0.610536668	0.90747816
0.706805375	1.889283071	0.687858128	1.392242189		
YPL278C	YPL278C::YPL278C::molecular_function unknown 0.932084295				
0.972550541	0.684305339		0.727647541	0.78094963	0.973860319
1.23654798		0.881078266	1.082092115	1.013253582	1
0.910186341	1.170953895	1.246291295	2.021040151	1	1.683237503
3.970676672	1.937213545	1.234370448	1	1.187373582	1.318964612
1.05843203	1.018945542	1	1.20689304	1.445225665	1.286692622
1.498110144	1.125316431		0.872659976	1.05416064	0.750705612
2.062970097					
YJR077C	YJR077C::MIR1::Product of gene unknown 1 1.6651357				
1.121790234	1.33828081	0.807014574	1	1.430139284	1.659614766
1.299366945	1	1.490796728	0.88958993	1.062078781	0.941876722 1
0.984610366	0.909105998	0.807301288	0.93390924	1	0.476826191

	0.319226616	0.228564534	0.65738605	1	0.840012437	0.444067287	
	0.728844278	1.235215347	0.618009627	1	0.587580102	0.262722156	
	0.315918372	0.447758863	0.316399705	1	0.620829566	0.295235725	
	0.33961151	0.467635457	0.418214203	0.873872775			
YPL280W	YPL280W::YPL280W::molecular_function unknown						1
	0.47912548	0.717102066	1.471120738	2.318772185	1	1.177456979	
	3.246606196	1.983714357					
			0.347700449	0.507877797		1.201134042	
YJR079W	YJR079W::YJR079W::molecular_function unknown					1	1.303946995
	1.6256655	1.420596917	2.186406478	1	1.284114504	1.523949139	
	1.872307158	2.082356551	1	1.201446155	1.43024717	2.138053214	
	1.549651073	1	0.809382407	0.747821581	0.770156426	1.220415316	
	2.534170359	1.822370239	1.961200196	1	1.178719658	1.080398709	
	1.291202981	1.246487534	1.270296528	1	1.427016056	1.319707342	
	1.047542768	1.499057524	1.402486664	1	1.029899133	1.224922784	
	0.966419701	1.637344772	1.332531852	1.611148189			
YPL282C	YPL282C::YPL282C::molecular_function unknown					1	1.256912869
	0.94333604	1.028464444	1.202335218	1	1.098171744	1.278916507	
	0.921428659	1.092218689	1	0.857660796	0.884029369	0.791529946	
	1.319993288	1			1		
	0.415130511	1	0.982458291	0.980014089	1.080217921	1.053725445	
	1.113770893	1	1.082820722	1.069336495	0.717071845	0.865971901	
	1.118568106	1	0.982555355	0.996621494	1.021552372	1.280420076	
	0.769221271	1.585755055					
YJR082C	YJR082C::EAF6::Esalp-Associated Factor-6					1	1.239190895
	1.674707992	1.351415981	1.75006171	1	1.196244171	1.196290269	
	1.653149452	1	1.21337121	1.38855744	1.54123884	1.463663293	
	0.694825625	1.35772244	1.545305138	1	1.846610515	2.976818694	
	1.859931161	1.585726867	1	0.869812237	0.948092374	0.654277963	
	0.660921099	1.068100974	1	0.951930333	1.53429846	1.011077618	
	1.321186948	1.74432123	1	1.060127849	1.164165949	1.105848895	
	1.802854447	1.224234921	1.711844958				
YPR001W	YPR001W::CIT3::Mitochondrial isoform of citrate synthase					1	
	1.622715363	1.244721795	1.237461494	1	1.311696452	1.342118159	
	1.350074623	1.361045331	1	1.350816829	1.356253122	1.498388781	
	1.112991878	1	0.87347824		1.487575101		
	0.686586491	1	1.109715062		1.077569202	1.066491854	
	1.030249416	1	0.533283166	0.650154792	0.712278082	0.840373686	
	1.537993855	1	0.97318453	1.079611453	1.488830789	1.140921652	
	1.685807198	1.027106933					
YPR003C	YPR003C::YPR003C::molecular_function unknown					1	0.871517131
	0.842303384	0.941657147	0.650697785	1	0.996511043	0.988699576	
	0.808542109	0.673735284	1	0.932641245	0.903480816	0.698220356	
	0.857692558	1	0.695993801	0.587034182	0.868180351	0.785657192	
	1.50769984	1.154858973	1.829312644	1.318114903	1	0.60109565	
	0.577249153	0.56733561	1.084168545	0.92732141	1	0.76128662	
	0.391517192	0.323798227	0.45907365	0.869828307	1	0.605875339	
	0.489982899	1.006096656	0.867278431	1.200994802	0.971942653		
YPR017C	YPR017C::DSS4::dominant suppressor of sec4					1	1.345639895
	1.321248048	1.172342764	1	1.094261071	1.228710209	1.709933184	
	1.678868044	1	1.043029762	1.157464975	1.248639543	1.204525519	
	0.98375291	0.471215897	1			1	
	1.201658619	1.333538936	0.97884877	1.068259524	1.081414291	1	
	0.915358631	0.974735559	0.960634344	1.217112154	1.747242443	1	
	1.223806618	1.165585715	1.364250789	1.163195962	1.359844049		

YPR019W YPR019W::CDC54::essential for initiation of DNA replication; homolog of *S. pombe* CDC21 1 0.756802392 0.728462438 0.90104371 0.633121657 1
0.933702997 0.919647918 0.675824842 0.713862302 1 0.855514871
0.762769762 0.505325075 0.69720178 1 0.712239761 0.601346651
0.758987607 0.609241757 1 0.735493534 0.513228407 0.572387319
0.750596418 1 0.808011281 0.851610355 0.837341871 1.117312259
0.791586292 1 1.253405475 0.705250868 0.737512939 0.866223887
0.535572572 1 0.806661831 0.58061892 0.902575277 0.603604515
0.857837231 0.723265402

YPR021C YPR021C::YPR021C::molecular_function unknown 1 1.053805571
1.004710546 1.428969609 1.101302146 1 1.326246595 1.615833265
1.217889317 0.932288434 1 1.108187545 1.014644032 0.790481307
1.227367408 1 0.778175473 0.763426814 0.75067044 0.598190016 1
0.74786675 1 0.799979953 0.805419114 0.731897331
1.021617656 1.076448844 1 0.955878786 0.491975799 0.395518934
0.587639938 0.517901433 1 1.264645778 0.703700108 0.926489951
0.985131184 1.558604528 0.813454714

YKR047W YKR047W::YKR047W::molecular_function unknown 1 1.580223301
1.715206724 1.00976553 1.40621925 1 1.186934169 1.10841756
1.708498666 1.584523237 1 1.311640938 1.485678942 2.491283102
1.449266089 1 1.258454933 0.778829974 1.151231419 1.414803867 1
1.531935296 2.351630108 2.013511888 1.038485639 1 0.969779802
0.833263928 0.86872896 0.667100872 0.788115213 1 1.031860883
1.589506696 1.098283093 1.200182885 1.917735746 1 0.62155771
1.544538443 1.067211915 1.323549545 0.955248728 1.351963482

YLR176C "YLR176C::RFX1::DNA binding protein, homologous to a family of mammalian RFX1-4 proteins which have a novel highly conserved DNA binding domain" 1 0.883582835 0.970637098 0.959649252 0.721593743 1
0.882164565 1.064594005 0.840805826 0.788360604 1 1.084785478
1.12375482 0.826693028 0.772204014 1 1.048879125
0.506412648 1 1.099888866 1.197821384 1.148337049
1.009432858 1 1.251925337 1.447825715 1.194098038
1.038844923 1 1.52371568 1.37391031 1.092487293 1.114906404
0.883504567

YLR178C YLR178C::TFS1::(putative) lipid binding protein; supressor of a *cdc25* mutation 1 0.77185739 1.815663521 1.785041728 1.258057708 1
1.176402783 2.237765295 2.644047102 2.451810563 1 1.06564277
2.928477416 16.01087036 1 3.970697463 5.646517267 10.44622252
8.062962623 1 3.575572764 5.821995366 13.21962036 6.018945395
0.666496414 1.279357377 1.984280251 0.901686157 0.742532694 1
1.170435909 2.914657008 6.299905909 4.446052236 2.593300078 1
1.475800615 2.311694994 1.997104719 1.106492729 4.443809567 1.722352415

YLR180W YLR180W::SAM1::S-adenosylmethionine synthetase 1 1.109283479
0.752340656 0.541701676 0.323096707 1 0.916617719 0.84197265
0.463885567 0.391656498 1 0.994760121 0.910455383 0.571340099
0.306729812 1 1.154464182 0.663486919 0.518115826 0.441278405 1
1.171700428 0.424267323 0.36028605 0.589167896 1 0.75866843
0.429811165 0.582024451 1.678655587 0.793051492 1 0.694607882
0.353618286 0.134615622 0.536784578 1.410237101 1 0.789340634
0.409217123 0.61572196 1.09553405 1.105669329 0.850230918

YLR182W YLR182W::SWI6::Involved in cell cycle dependent gene expression
0.932084295 0.96913413 0.930297491 1.086655604 0.952842937
0.806212418 0.944710739 0.961484204 0.767987613 0.79328775
0.625182841 1.071992983 1 0.860322948 0.468315487
0.991870282 0.645212388 1 0.856033165 0.974418401
0.794504159 0.814445395 0.902488799 1 0.818803392 0.876003989

	0.876544671	0.787501228	0.915156006	1	1.027165674	1.074702651	
	0.995335178	1.263660936	0.945673958				
YLR184W	YLR184W::YLR184W::molecular_function unknown					1	
	1		1.704634349	1	1.533208838		
	2.541052797	1.892886404	1	0.791942941	1.238083938	0.702142212	
	0.610173535		0.840943752				
			1				
	0.950927634						
YLR186W	YLR186W::EMG1::Essential for Mitotic Growth					1	0.836710276
	0.792748756	0.94309068	0.936578023	1	0.845036099	0.847533526	
	1.17488422	1.309729983	1	0.712704119	0.51326254	0.619776595	
	1.084433392	1	0.21173856	0.152696766	0.174746752	0.381002545	
	0.468127869	0.337238643	0.303358521	0.886446709	1	0.803523622	
	0.736547577	0.720446663	1.116834176	0.999407799	1	0.727677088	
	0.65979125	0.516119727	0.774544621	0.556025335	1	0.93413646	
	0.626624271	0.956430521	0.800080462	0.663136846	0.784559128		
YJR084W	YJR084W::CSN12::COP9 signalosome (CSN)					1	1.018104971
	1.238742632	1.085237249	1.172003814	1	1.120220979	1.047842095	
	1.411945721	1.255976184	1	1.120836909	1.175079352	1.330522152	
	1.285659284	1	1.004773791	0.838281741	0.925547781	0.938573476	
	1.922277019	2.004260957	1.855388625	0.885913763	1	1.081253223	
	1.123133762	1.174685958		1.220116216	1	1.19262895	
	1.123775265	0.993528381	0.992941976	1	0.814624916	0.932294606	
	0.869781905	0.992545804	0.746181895	1.198729219			
YLR200W	YLR200W::YKE2::Yeast nuclear gene encoding a protein showing homology to mouse KE2 and containing a putative leucine-zipper motif					1	
	0.991388245	1.610076691	0.958276089	1.963897249	1	1.158236022	
	1.074744042	1.587582591	1.509956238	1	1.118809544	1.299105619	
	1.744628809	1.147634164	1	0.749101164	0.797701414	0.727577236	
	1.072282106	1	1.399124039	1.722358045	1.495809224	1.192033619	
	0.772085769	0.97373542	0.504764617	0.459695186	0.948668938	1	
	1.433833224	1.713683598		2.006136724	2.90992138	1	
	1.189462332	1.345289882	1.594561479	1.728974247	1.366849055		
YJR086W	YJR086W::STE18::gamma subunit of G protein coupled to mating factor receptors					1	
	1.052706343	0.967631102	1.71856424	1.448858765	1	1.086331693	
	1.464484607	1.946585553	1.293675845	1	1.671814008	1.35669531	
	1.158956753	1.985704111	1	1.876861418	2.375608611	2.028466948	
	0.761682744	0.932617482	0.561913427	0.524071734	0.828211197	1	
	0.920299536	1.423178348	0.885694026	0.653523596	0.947209064	1	
	1.408776391	1.759850885	0.924011089	2.231834048	0.964215029	1.872084122	
YLR202C	YLR202C::YLR202C::molecular_function unknown					1	1.504585819
	1.817589766	1.256653463	1.521776503	1	1.49757939	1.652617301	
	1.923064725	1.631458088	1	1.52935967	1.52988597	2.991880744	
	1.023761482		0.47094228	0.337091227	0.440045564	0.482729964	
	1.470520645	3.864335585	2.504885845	1.622597429	1	0.809267356	
	0.942724841	0.633241429	0.647169932	0.819980891	1	0.920907429	
	1.754916949	0.936486975	0.986488712	1.711332008	1	1.535405502	
	1.412556931	1.702537334	2.352972185	1.550730128			
YJR088C	YJR088C::YJR088C::molecular_function unknown					1	1.145219311
	0.991919527	1.15627518	1.228706362	1	1.083171235	1.004729139	
	1.374860026	1.186096641	1	0.944676089	1.208789275	1.082739382	
	1.222946482	1	1.89237524	1.872831133	1.429285086	2.252765075	
	1.231137218	0.710978545	0.655777987	0.814141651	1	1.163666609	
	1.261467295	1.157186361	1.119865819	1.288978642	1	1.365628013	
	1.253619288	1.011194655	1.012689401	0.903918024	1	1.229497363	
	1.197565307	1.003994431	1.250966633	0.75139091	1.61465064		

YLR204W	YLR204W::QRI5::Product of gene unknown	1	1.311187673		
	1.751225335 1.294336145 2.083140741	1	1.445017424 1.53530622		
	2.047521708 2.273261085	1	1.151604335 1.674526788 2.504265167		
	1.420268116	0.864635183	0.744526922 0.645015247 1		
	2.527862103 2.904470396 2.41489288	1.490457863	1	1.044297587	
	1.302616256 0.788386631 0.847360478	0.969105501	1	1.086116025	
	1.107871077 1.05760311 1.142194311	1.72714232	1	0.947513513	
	0.999481697 1.181868641 1.469794703	1.750247228	1.517456427		
YJR102C	YJR102C::VPS25::vacuolar protein sorting (putative)	1			
	1.517532311 1.590920284 1.315731698	1.513654858	1	1.404265178	
	1.338777777	1	1.106030341 1.272643178	1.868714833 1.366275547 1	
	1.115975516	1.150547426	0.957672218	1	1.482436286 2.211363205
	1.264738605 1.142205637	1	1.071476634	0.985384937 0.932826106	
	0.773477971 0.94005443	1	1.248656384	2.168439823 1.219142314	
	1.18465605 1.514028116	1	1.188818995	1.525188874 1.053288989	
	1.227188702 1.297321759				
YJR104C	"YJR104C::SOD1::Cu, Zn superoxide dismutase"	1	1.038514788		
	1.551613859 1.100525788 1.459502664	1	1.11643956	1.396449448	
	1.72294888 1.638544009	1	1.794096036	2.343455472 3.385929097	
	1.182491546	1	2.124500139 2.451910275	3.468019716 1.750568256 1	
	2.536491487 4.456451788 4.598306476	1.822666667	1	2.150733655	
	3.051174234 3.792100276 1.227789141	0.844247935	1	1.80057049	
	5.859957848 5.698096608 2.620479801	1.554443021	1	1.652368507	
	3.200443112 2.48464804	0.921278437	1.043891206	1.894850366	
YPR023C	YPR023C::EAF3::Esalp-Associated Factor	1	0.806262926		
	0.777487736 0.993459548 0.83224469	1	0.996011143	0.940396924	
	0.924765575	1	0.888278104 0.960980761	0.936367299 0.894574578 1	
	1.190347683 0.702405606 0.903678277	0.808334946	1	1.583990004	
	1.183367228 1.585100484 1.332124486	1	0.959666957	1.169750808	
	1.132074675 1.042347773 0.992973187	1	1.144760417	1.075026234	
	0.887906499 0.933713886 0.872459124	1	1.158140277	0.975682585	
	0.903902578 0.806635084 0.863989871	0.825713448			
YJR106W	YJR106W::ECM27::ExtraCellular Mutant	1	1.134887542		
	0.923166562 1.118848656 0.937615668	1	1.204411095	1.230704096	
	0.999200597 0.853497496	1	1.421354988	1.274798628 0.587496566	
	0.948127212	1	0.644460927 1.53988485	0.519362584 0.569045089 1	
	1.079369249	0.622327174	0.928172567	1	1.226895707 0.993405593
	0.547395233 0.954062784 1.203873002	1	0.761517163	0.951606867	
	0.756399228 0.681261095 1.49417372	1	0.731247975	1.194502476	
	0.77862864 1.574329323 0.967836106	0.992082006			
YPR025C	YPR025C::CCL1::essential for cell proliferation	1	0.759244989		
	0.92308749 0.799758735 0.896563221	1	0.690374487	0.78198114	
	0.663278524 0.814335358	1	0.89131112	0.886278778 0.773837431	
	0.807329067	1	0.742130501 0.506271343	0.585183743 1	
	1.568474163 1.616071456 1.159672057	1	1.017393513	1.059241405	
	0.701216475 0.6686278 0.98177468	1	1.172110356	1.13671665	
	0.768376393 1.514445562	1	1.361057057	1.217924092 1.206505161	
	1.075060504 1.906683154	1.245137372			
YJR108W	YJR108W::ABM1::aberrant microtubules	1	1.521016601		
	1.805751564 1.36955964 1.163256982	1	1.258219984	1.12710904	
	1.268192067	1	1.437316661	1.023460096 0.734568938 1	
	0.891695749 0.561682075 1.038241265		0.254952569		
	0.40876237	1	0.970776474 0.889973596	0.831068976 0.928220363 1	
	1.097273661 1.256099568 1.361154255		1.686262576	1	1.071605038
	1.157340223 0.952305042 1.111213911	1.005655105	1.624282537		
YPR027C	YPR027C::YPR027C::molecular_function unknown	1	1.145019504		
	1.027792303 0.814233997 1.016922649	1	1.155896381	0.787207643	

	0.866372481	0.953785135	1	0.788011317	1.05980991	0.631475054	1	
	1.131564577	0.699674177	1.107467037	1			1	
	1.025431511	1.077125271	0.752752115	0.969739608	0.853564932	1		
	0.894741933	0.821408728	2.235214961	1	1.056642879	0.913597534		
	1.038692088	0.881255421	1.251295817	1.17596308				
YJR110W	YJR110W::YJR110W::molecular_function unknown						1	
	0.889869776	1.137536996	0.969598611	1	1.239327897	1.063233943		
	0.897449984	0.903701411	1	1.368230507	1.109271843	0.781022426		
	1.02494998	1	0.920595429		0.767718928	1	1.424918786	
	2.293138099	1.554448515	1.438599759	1	1.105352188	1.17964427		
	0.923991955	0.972548845	1.11687039	1	1.063946329	0.932312942		
	1.173714784	0.865763869	0.899069992	1	1.262891113	1.065319218		
	1.021778543	0.94841067	1.470958131	1.032360714				
YPR041W	"YPR041W::TIF5::eIF5 mediates hydrolysis of eIF2-GTP (SUI2,SUI3,GCD11) at start codons"							
	0.806376443	1	1.003731162	0.92816049	0.891239412	1.00076811	1	
	0.775608364	0.687970357	0.671810367	0.869895284	1	0.890504771		
	0.565167301	0.566977403	0.869991074	1	0.736601241	0.609497621		
	0.562233247	0.90851428	1	0.879313279	0.82182823	0.696794817		
	0.848308669	0.843459585	1	0.814805221	0.925079706	0.507468865		
	0.565280988	0.926625979	1	0.730672751	0.858767693	0.83346087		
	1.148188841	0.841598207	1.031485049					
YJR112W	YJR112W::NNF1::Involved in nuclear function						1	0.94242127
	1.226554211	0.808704023	1.345091039	1	1.04737206	1.238775014		
	1.288340148	1	0.907424982	0.642681678	0.577189645	1.070722108	1	
	0.320311718		0.328907701	0.782692996	1	0.759627179	1.44539363	
	0.865829239	1.246451429	1	0.730918113	0.602376872	0.600774934		
	0.863890165	0.947420958	1	0.800337221	0.930853654	0.879265419		
	1.408323558	1	0.572917624	0.591376663	1.046692239	1.022669922		
	0.85260456	1.170709299						
YPR043W	YPR043W::RPL43A::Homology to human L37a						1	1.021629336
	1.532639398	0.859709486	1.710474434	1	0.844463122	1.392097561		
	1.497870576	1.328200773	1	0.986233553	0.9320781	1.15010392		
	0.917694563	1	0.63867187	0.337118062	0.198629867	1		
	1.629970494	1.736673995	0.814889726	0.829275687	1	0.945548313		
	0.950708224	0.790703917	0.97963906	0.996363828	1	1.046722047		
	1.782470651	1.147980088	0.838477371	1.886212183	1	1.049359097		
	1.507616352	1.095792961	1.996612027	1.34361078	1.170709299			
YJR126C	YJR126C::VPS70						1	0.888917918
	0.856279792					0.749334788	1	
	1.019169724	0.919291139	0.809297498	0.793918124	1	0.946133805		
	0.956813083	0.83234333	1.060633209	1	1.019616742	0.717333162		
	0.791442339	0.651028414	1	1.086025441	1.16843329	0.836792636	1	
	1.009210364	0.936977861		1.179039082	1.345883411	1	0.821179292	
	0.616018385	0.737832609	0.781502189	0.692504349	1	0.880922936		
	0.784537448	0.961420347	0.664461133	0.92178101	0.704001714			
YPR045C	YPR045C::YPR045C::molecular_function unknown						1	0.621962588
	0.75796232	0.912628693	0.674891166	1	0.861806969	1.018851962		
	0.877609437	1	0.804965681	0.937410251	1.065942895	0.831971267	1	
	0.45617159	0.47858434	0.703324676	0.776331453	1	1.213369954		
	1.501615707	1.398892566	0.998699593	1	1.031929127	1.18601168		
	1.136140111	1.05052731	1.111623464	1	1.098265849	0.795669941		
	1.206009162	1.178973217	0.812604778	1	1.235991294	1.131154534		
	1.226188032	1.039701857	1.356147586	0.876499665				
YPR047W	YPR047W::MSF1::alpha subunit of yeast mitochondrial phenylalanyl-tRNA synthetase							
	1	0.687810658		0.84888866	1	1.089636631		
	1.474769882	1.020105654	1	1.056438409	1.157568928	1.143421187		
	0.844438081	1	1.11404617	0.733954384	1.313783235	1.316263342	1	

	2.026529283	3.137873109	2.569980691	1.344351786	1	1.063543781
	1.718436273	1.256460443		1	1.273791745	1.357615426
	1.378492727	1.142487273	1.285124125	1	1.097364524	1.392495415
	1.118207044	1.014863403	1.662384244	1.096281225		
YPR049C	"YPR049C::CVT9::Oligomeric, coiled-coil, peripheral membrane protein"					
	1	1.357732835	0.995183606	1.247593264	1.024034745	1
	1.071216202	1.202801598	1.10589172	1.043600898	1	0.985259337
	0.964649355	0.939688957	1.153129343	1	0.631420544	0.52826651
	0.59004408	1	0.77108935	1.068017158	0.771433677	1
	0.984180098	0.989454917	1.343367174	1.275914956	0.886777738	1
	0.941555672	0.916852744	0.855597899	1.407748187	0.97817156	1
	0.645766681	0.944461556	0.921892646	1.087381121	0.771681388	1.457913927
YPR051W	YPR051W::MAK3::N-acetyltransferase					
	1	1.159879438	1.453577981			
	1.091125688	1.671159066	1	1.097979884	1.160444639	1.549240428
	0.977277351	1.164273086	1.588855938	1.210086496	1	1.291687325
	1.365565974	1.384621288	1.407891429	1	1.054090275	1.130411753
	1.109891478	0.626504125	1	0.92718394	0.730342851	0.702322567
	0.972916517	1.137566673	1	1.128454695	0.947756635	0.689504293
	1.209157186	1.873954425	1	1.127935354	0.892595281	1.169899178
	1.423192402	1.269233337	1.483307061			
YPR065W	YPR065W::ROX1::The ROX1 gene encodes a heme-induced repressor of hypoxic genes in yeast.					
	1	1.329653789	1.47386737	1.304875837	1.338731488	1
	1.679096922	1.344079355	1.145031877	1.105015472	1	2.147132584
	1.465431195	1.089033892	1.195272041	1	2.638592363	1.355897869
	0.939000122	1.12774219	1	2.432656297	1.118931768	1
	2.178154264	1.477320662	1.231327089	0.87323032	1.022740212	1
	1.431611338	1.099308847	0.636788668	0.939680937	0.800875096	1
	1.183745492	0.950745052	0.618559547	0.884287974	0.750965663	2.125139488
YLR206W	YLR206W::ENT2::epsin N-terminal homology-containing protein					
	1	1.048809393	1.015485371	0.881790558	1	1.205269957
	1.10863321	0.9931346	0.819215475	1	1.363218375	1.469623581
	1.119752078	1.032945953	1	1.898416712	1.455069683	1.538371628
	0.709036076	1	1.367230659	1.193644709	1	1.089763056
	1.205846193	1.063284632	0.838202011	1.098398204	1	1.128441924
	1.11083319	1.396356089	0.809815053	0.818974581	1	1.094640771
	1.092116542	1.186099281	0.759077217	1.01442477	0.991206341	
YFL013WA	YFL013WA::YFL013W-A::molecular_function unknown					
	1	1.2592546				
	1.200721266	1	1.21983905	1.341601653	1.285988676	1
	1.242172908	1.530236629	0.999868341	1.438642589	1	
	0.910672805	1.026261792	1	0.880225083	5.184151119	1.265588842
	0.843611648	1		1		
	2.851505537	1	2.012474834		0.937793286	
YLR208W	YLR208W::SEC13::cytoplasmic protein involved in release of transport vesicles from the ER					
	1	1.068480927	1.015866713	0.964039937	0.92442986	1
	1.01110007	0.993119946	0.994008071	1.060167	1	0.751477092
	0.918848035	0.93118427	0.971950108	1	1.135488016	1.433559015
	1.05059909	1.060898387	1	1.537796342	1.361615884	1.352146191
	1.305655835	1	1.112891111	1.127940849	1.248341765	1.227327684
	0.869334481	1	1.035600617	1.149697404	1.045119517	0.781552688
	0.872322791	1	0.996276424	1.038640465	0.961426269	0.981272768
	0.976049551	1.14706739				
YHR039CB	YHR039CB					
	1	0.987929625	1.417430791	0.889694825	1.491543508	1
	1.006416421	0.972839596	1.506310393	1.185531471	1	1.237987514
	1.421102154	1.08305075	0.908434861	1	1.042414758	0.579043138
	0.290707516	0.629327431	1	1.63144557	2.108061747	2.041445958
	0.924977718	1	1.050753264	1.163474372	1.323335966	1.292611008
	0.953215965	1	0.818617562	0.83939811	0.802148866	0.818721315

0.930255734 1 1.030305954 0.805833541 0.93285569 0.882173433
 0.982557469 0.70049921
 YLR210W YLR210W::CLB4::Involved in mitotic induction 1.004730173
 1.021519763 0.959369246 0.926104654 1.023065195 1.084103021
 0.963260457 0.985025691 1.087480076 1.378205223 0.983932581
 1.163038897 1 0.806618041 0.954201274 1.025090035 1
 1.917020513 1.321789345 1 0.735505186 0.840283876
 0.923590039 0.846693595 1 0.786723444 0.697712728 0.676009427
 0.776189435 1.157628101 1 0.989192007 0.827970207 0.834521826
 1.230596136
 YMR166C YMR166C::YMR166C::molecular_function unknown 1 1.130465993
 1.157350316 1.130988194 1.038258472 1 1.130430863 1.310845144
 1.022991106 1.041166962 1 1.180513379 1.202806919 1.081273537
 0.969139213 1 1.11235154 1.303129708 1.063798209
 0.796290246 0.608311169 1 1.111168741 1.244064198
 1.251135347 1.133565986 1.099548212 1 0.81652722 0.916347253
 0.706654849 0.70900203 0.692323359 1 0.835034755 1.025205842
 1.089509859 1.085816369 1.199358701 1.150569945
 YLR224W YLR224W::YLR224W::molecular_function unknown 1 0.941790208
 0.902532898 1.021886562 0.963290497 1 0.940404083 1.079707031
 1.077530873 1.144588692 1 0.804367749 0.875839697 0.946868306
 1.036742024 1 1.216826617 0.995196816 1.134963721 0.954665426 1
 1.600400948 0.867280861 0.658625007 1.181987316 1 0.795374361
 0.895359114 0.922616519 0.860194077 0.856985057 1 0.697047178
 0.665541313 0.773059181 0.733386041 0.765850392 1 0.954128111
 0.833675128 1.197469368 1.126411634 1.160025983 0.977196433
 YLR226W YLR226W::BUR2::bypass UAS Requirement 1 0.993548453
 1.132946753 1.24560717 1.110479613 1 1.026217444 1.184222583
 1.069151083 1.11501548 1 0.801168064 0.842221007 0.615796084
 1.013771956 1 0.698437477 0.516002722 0.756035462 1
 1.342236819 0.919904886 1.362880606 1.233095142 1 0.819657099
 1.119964161 0.993972349 1.022658301 1.027631182 1 1.017189912
 1.000541521 0.833665096 1.182686379 1.102411013 1 1.096525174
 1.099752211 1.136429983 1.002792736 1.171335046 0.98245011
 YLR228C YLR228C::ECM22::involved in cell wall biogenesis (putative) 1
 0.968685063 0.888778043 0.931892223 0.731495205 1 0.96555889
 0.929230607 0.847244061 0.753335249 1 1.041619384 0.827383478
 0.497451567 0.983845925 1 1.119109615 0.641484883 0.35413504 1
 1.696794379 1.03289926 0.51976436 1 1.276736021 1.093194578
 1.14564282 1.183072794 1.037431962 1 1.007705684 0.649277778
 0.738650801 0.567647735 1 1.009605575 0.727141892 0.757680821
 0.585285207 0.619876779 0.706628552
 YLR230W YLR230W::YLR230W::molecular_function unknown 1 1.054987823
 0.864550934 0.676268209 0.858842148 1 0.840004707 0.84423327
 0.771104092 0.867443933 1 0.948504715 0.852960059 0.826397162
 0.710062664 1.464016225 0.819353171 0.790790925 1.093362728 1
 1.547157997 0.637544225 0.638749055 0.92621035 1 1.188922522
 1.308908738 1.129857227 1.448389271 1.008277725 1 0.977127633
 0.944812728 0.739821438 0.670785998 0.657457748 1 1.06788849
 1.034384485 0.880769375 0.827611548 1.071938721 1.01484825
 YJR128W YJR128W::YJR128W::molecular_function unknown 0.950553582
 0.906499132 0.916879712 0.877156251 0.946789302 0.853442825
 1.007328167 0.91989723 0.899059475 1.097283486 1.1072366 1
 0.635629451 1.481958573 1.193520629 0.710928537 1 0.916257707
 0.913468706 0.810244735 0.566012898 1 0.911933273 0.874030226
 0.791401133 0.998944181 1.161018141 1 0.686131495 0.548557146

	0.587011485	0.794847472	1	0.807474476	0.557660113	
	1.254570755	0.979823219				
YLR232W	YLR232W::YLR232W::molecular_function unknown			1	0.960661151	
	0.889830364	1.364073454	0.990906686	1	1.247849723	1.086421782
	0.899188796	0.976709428	1	0.948993784	1.127991186	0.767414067
	1.155893137					
	0.800254281	0.821483909	1.016330846	1.245920326	1.220185274	1
	0.79347154	0.455639884	0.809742831	1.552518388	0.563959879	1
	0.694014059	0.476646871	1.131997921	0.313005448	0.907928357	0.535006265
YJR130C	YJR130C::STR2::Sulfur TRansfer			1	1.179572951	1.064794833
	0.871282396	1.135662892	1.359796955		1.092820968	
	2.742812915	1.546382267	0.944201361	1.098425637	1	0.939982498
	1.151448279	0.949674402	0.755383277	1	4.258852673	5.053294078
	1.078646561	3.096314752	1	0.915248567	1.033378037	1.276445413
	1.184263624	0.943281636	1	1.079701768	1.111526318	1.28687058
	1	0.903082795	0.796910019	0.781637516	0.56286694	0.58318677
	0.667225509					
YLR234W	YLR234W::TOP3::DNA Topoisomerase III			1	0.755454803	
	0.665598358	0.846319173	0.623017071	1	0.850158787	0.977399259
	0.702835289	0.652950931	1	0.968474578	0.852585534	0.499291164
	0.580319363	1	0.49479058	1.256280314	0.619485191	
	0.473712925	0.478338957	1	0.85724496	0.975206944	1.117930852
	0.906912178	1	0.940449276	0.757023001	1.11328123	1.45006534
	0.554686894	1	0.698232923	1.031970829	0.240755269	
	0.691742979					
YLR248W	YLR248W::RCK2::Serine/threonine protein kinase			1	0.766002374	
	0.812155459	0.977443628	0.798012861	1	1.070622974	0.968499871
	0.839927155	0.860641147	1	0.925864907	0.93353512	0.778206444
	0.695696563	1	0.80409046	0.844139386	0.80425233	1
	1.04803089	0.93188567	1.19164556	1.242647243	1	0.988007396
	1.094352484	1.385621704	1.168179829	0.912829962	1	1.084981437
	0.958913226	1.081929458	0.922165886	0.627637889	1	1.08747026
	0.760552545	1.198921825	0.711105904	0.958113109	0.646210491	
YJR132W	YJR132W::NMD5::Involved in nuclear import			1	0.780991682	
	0.527094697	0.380932857	1	0.725444845	0.759676574	0.499290176
	0.5270753	1	0.83032685	0.563207883	0.732666284	1
	0.608781028	0.471260248	1	0.483234074	0.41116039	0.372388848
	0.539480233	1	0.896852806	0.797967517	1.20147688	1.344033646
	1.011475117	1	1.27124997	0.665933148	0.880799793	0.95336684
	0.52957648	1	0.612280639	0.527035763	0.83255585	0.389319852
	0.438297806	0.599802442				
YJR134C	YJR134C::SGM1::involved in carbohydrate metabolism			1		
	0.757499289	0.737485792	0.83889499	0.788596036	1	0.753456672
	0.862234281	0.767152946	1	0.946425961	0.892126021	0.713375561
	0.910769711	1	0.907117564	0.713191379	1	0.702730848
	0.753644998	0.559441888	1	0.958301973	1.101784317	0.897744501
	0.72354756	1.175585926	1	1.195236746	1.60687254	1.386721216
	1.525864962	1.556309458	1	1.555237287	1.833512847	1.574781977
	1.4326898	1.924119315	0.882629006			
YJR136C	YJR136C::YJR136C::molecular_function unknown			1	0.853609252	
	0.813610621	0.894552774	1	0.740043244	0.768252268	
	0.873181405	1	0.943225784	0.792986307	0.810126923	0.948107185
	0.991106403	1.160146002	1.37221158	1.114063653	1	1.083194458
	1.188274956	0.794768943	0.862338517	1	0.944619439	0.966657388
	0.883632008	0.901473627	0.932801192	1	0.798364939	1.013515361
	0.921001104	0.881411987	1.301091217	1	1.072540257	1.0119059
	0.971630589	0.865241436	1.138814661	1.070012531		

YPR067W YPR067W::ISA2::Iron Sulfur Assembly -- IscA/NifA homolog 1
1.125663651 1.478747808 1.05945663 1.803561455 1 1.105188665
1.234247836 1.448436567 1.371662439 1 2.047199295 2.066027434
2.045862943 1.21552749 1 1.834134849 1.460306129 1.425157903
1.658753621 1 2.116228248 3.43357788 3.474659945 1.12305082 1
2.122106549 2.450788195 1.375718619 0.992067004 1.042094007 1
2.176256313 4.040545481 2.269661034 2.065701893 2.560462647 1
2.651339847 3.808059625 1.740833746 1.730208817 2.103735184 1.473675164
YJR150C YJR150C::DAN1::Delayed Anaerobic 1 1.372764961 1.220532683
1.674615674 1.087367116 1 1.582401039 1.166493512 1.35552443 1
1.619371322 1.479585001 1.675308665 1.562951814 1 0.853608445
1.266203392 1.517700507 0.70571201 1 0.570072082 0.615173642
0.435410007 1 1.32103062 1.371811732 1.443260099 2.323377665
1.804012364 1 0.916441002 0.507562892 0.683464329 1.094032171 1
0.7603034 0.57642731 0.847080869 0.379887833 0.904318969 0.370388959
YPR069C YPR069C::SPE3::biosynthesis of spermidine 1 1.04855573
0.861822339 0.778891945 0.852427877 1 0.851111229 0.854255476
1.042570535 0.918451691 1 0.862918497 0.765729438 0.75434818
0.756935719 1 1.023430575 0.975573769 0.839880808 1.455145917 1
0.964830411 1.009556256 0.964765585 1.197640703 1 0.946904925
1.027821315 1.320195661 1.069974295 0.928332003 1 1.065442461
1.205093595 0.945661549 0.8797941 0.694031531 1 1.5743032
1.584338094 1.648409315 1.286005435 1.18281269 1.246888598
YJR152W YJR152W::DAL5::allantoate permease 1 1.292444296 1.208697235
1 1.176493042 1.266765761 1 1.212263098
1.143230978 1.37689778 1.475288486 1 1.105426998 0.484801401
1.139627223 0.293370089 1 1.048068357
1.03452549 1.009024848 0.853713864 1.241766143 0.86291685
1.103842588 1.20311928 0.995758255 1.208375822 1 1.226760332
1.182848834 1.121464268 0.797493249 1.367811627
YPR071W YPR071W::YPR071W::molecular_function unknown 1 1.054171723
0.903465193 1.041140605 0.91254044 1 0.961740671 0.953739062
1.102168042 1.040711355 1 1.033428614 0.945221146 0.92351335
1.139706969 1 0.858694251 0.637722313 0.963145502 1.487855229 1
0.916763279 1.241473398 1.163262047 1.145561358 1 1.048667457
1.227346796 1.124717496 1.171455428 1.193325905 1 1.161034377
1.530662501 1.139387534 1.622570008 1.187833928 1 1.044795091
0.938111719 1.140034469 1.010209353 1.210210063 1.085773768
YJR154W YJR154W::YJR154W::molecular_function unknown 1 1.237063587
0.939270777 1.850092838 1 1.587204611 1.771873119 1.348606093
0.876647078 1 2.067963899 1.395167388 0.331898955 1.886023283 1
0.468513049 0.571922379 1 0.486964223 0.653726311 0.62163777
0.574981598 1 0.782141968 0.758288006 0.960676505 0.742818576
1.066512161 0.698810478 0.481942293 0.959733683 0.700526228 1
0.519670475 0.705659871 0.799674054 0.319958445 0.67047349 0.594548714
YPR073C YPR073C::LTP1::Homologous to mammalian phosphotyrosine phosphatase
1 1.3390773 1.57168054 1.265810687 2.182263457 1 1.189666639
1.330756618 1.801215558 1.656786963 1 1.272837822 1.759103582
1.826404623 1.45383439 1 1.245798635 0.818815712 0.85642934
1.376080464 1 1.57629145 1.42195993 1.609588715 1.444307022 1
1.200681013 0.702349905 0.743904087 0.989573114 1 1.283713169
2.035371783 1.302490586 1.492868157 1.958565855 1 1.473130491
1.964048454 1.309960342 1.91044419 2.046292631 1.239883592
YJR156C "YJR156C::THI11::thiamine regulated gene, homologous to S. pombe
NMT1A. Proposed biosynthetic enzyme involved in pyrimidine biosynth. pathway
above the hydroxymethyl-pyrimidine precursor leading to the thiamine moiety.
Three copies THI5, THI11 & THI12" 0.837275169 0.79831139 0.831900644

0.947641987	0.687693527	0.693079023	1.003611063	
0.815007231	0.813384366	1.438504684	1.550718568	1 0.90190844
0.720660141	1.6682876	1	0.849390897	1.721318668 1.618853348
1.58015231	1	0.910844265	0.862418519	1.312488352 1.119922859 1
0.823715969	1.401599943	1.921379191	2.386078042	2.101112189 1
1.32953316	1.686862365	1.761038388	1.203983	
YPR075C	YPR075C::OPY2::imparts Far-	phenotype	1	0.934627065
0.999674403	1.125995417	0.956080189	1	1.020240323 0.97050099
1.147670748	1	1.101849073	1.086244106	1.379928714 1.263018934 1
1.222210817	0.741952415	0.97874167	1.24015702	1 1.334374136
0.815239877	0.786175201	1.059219139	1	1.10341287 1.251450634
1.36946347	1.328495667	1.123670846	1	0.917051828 0.844396045
1.071502518	1.153287112	0.484357734	1	1.084913094 0.956841413
1.013675918	0.903978135	0.812542888	0.789812857	
YJR158W	YJR158W::HXT16::hexose transporter	1	0.979411042	1.08969009
0.911784902	1	1.082636234	1.034667757	1.001357005 1
1.266295153	1.105321128	1.150421131	1.462836436	1 0.848169386
1.551188537	1.116180128	1	0.624984977	0.922949292 1
0.875227612	0.879848696	0.962255266	1	0.695006899 0.628477016
0.925587634	0.810258317	1	0.935663872	0.898951661 1.116835722
0.024162495	1.493660265	0.711882332		
YPR089W	YPR089W::YPR089W::molecular_function	unknown	1	0.932314764
0.897170775	1.183851662	1.041946589	1	1.121218502 1.146618769
1.117599794	1.034751428	1	0.950926218	0.794019432 0.494460047
1.129177116	1	0.45705195	0.949488315	0.811328122 1
0.691938413	0.864170709	1.288856082	0.925207263	1 1.084749446
0.714213172	0.930288554	1.111434558	1.097783705	1 0.977102615
0.680491487	0.504726345	0.905898947	0.655711637	1 0.678322205
0.58488353	0.936428327	0.450638439	0.829324576	
YPR091C	YPR091C::YPR091C::molecular_function	unknown	1	0.7835298
0.892579291	1.046809547	0.900203857	1	1.021548296 0.843151365
0.77091035	1	1.13976021	1.154981531	0.668671534 0.893698884 1
1.753556436	1.069538423	1.699787603	0.986427432	1 1.369133385
1.335305685	0.943121984	0.764877149	1	1.114248833 1.347476415
1.292269718	1.238233549	0.920252593	1	0.963087851 0.847598782
1.010987726	0.75191051	0.577276059	1	1.013498407 0.98928511
0.865288459	0.877527608	0.947467729	0.719762951	
YPR093C	YPR093C::YPR093C::molecular_function	unknown	1	0.789552787
0.994181729	0.93762268	1	0.879306672	1.091371746 1.286962676 1
1.043563889	1.279578494	1.24130793	1.125170179	1 1.28733815
1.158405913	1.457884961	1.964787934	1	2.008166195 4.732728795
2.793907544	1.039614649	1	1.000620107	1.350451842 1.390798637
1.197042825	1.02614902	1	1.14888102	1.337558028 1.623960682
1.892729799	1.363752275	1	1.209215498	1.270330903 1.427850109
1.150599242	1.305735318			
YPR095C	YPR095C::SYT1::Suppressor of Ypt3	1	1.180456185	0.974244793
1.447733581	0.95898127	1	1.084958329	1.44023731 0.985086356
0.879000815	1	1.038023389	1.033798281	0.781532206 1.240680507 1
1.253551804		1.163143327	0.456353452	
0.93076907	0.90946823	1.068451353	1.062721574	0.820975962 1
0.954343416	1.032473623	0.854558631	0.931197672	0.892594337 1
0.907823723	1.142944099	1.032112924	1.291105201	0.902255759
YPR097W	YPR097W::YPR097W::molecular_function	unknown	1	0.741517276
0.76118631	0.954371283	0.769344589	1	0.869562258 0.89748676
0.794986598	0.69274788	1	0.777160673	0.776182044 0.519554825
0.931675621	1	0.712474864	0.691962968	1 0.729402924
0.952933575	0.676806948	0.753777146	1	0.988984325 1.06806645

	1.032980552	1.032257922	1.00258408	1	1.129971419	0.803342337	
	0.980184236	0.804640767	0.648964394	1	1.149187171	1.161496579	
	1.147586369	0.911967287	1.008345999	0.791564082			
YLR250W	YLR250W::SSP120::secretory_protein	1		0.990170396	1.404133814		
	1.026517337	1.672244684	1	1.038319538	1.241549563	1.680236674	
	1.992787815	1	1.325488967	1.606008546	1.432597917	1.171283357	1
	1.500931529		1.143289864	1.30301283	1	3.50539482	
	3.432999044	1.998698075	1	1.149664842	1.731516656	1.293312939	
	0.922683729	0.988349187	1	1.233847068	2.169377901	1.939990201	
	1.53783504	1.689244286	1	1.68308101	1.9091221	1.384688801	
	1.525195582	1.570876258	1.566491366				
YLR252W	YLR252W::YLR252W::molecular_function_unknown	1		1.427164907			
	1.447956839	1.872367586	1	1.460805498	1.789450235	1.752441757	1
	1.653086017	2.358328883	2.064177192	2.031630865		0.32481989	
	0.494564532	0.342138096	0.422216808	1	7.605122849		1
	1.281529792	1.866453729	1.125560078		1.073419599	1	1.212468565
	1.529624417	1.707761743	0.951068521	1.538225138		1.010149362	
	0.721542143		1.85875787	1.661934354			
YLR254C	YLR254C::YLR254C::molecular_function_unknown			0.733847071			
	1.085293564	1.14441479		0.885042176	0.760080313	1.225606516	
	1.080430646		0.911457771	1.03444721	0.857727476	0.743052654	1
	0.86346863		1.083558186	1	1.879615218	2.34436373	
	3.16563666	1.766468487	1	1.140265703	1.245746491	0.705078645	
	1.28059257	1	1.407078524	1.851155947	1.787701508	2.147652885	
	5.256508036	1		1.149643438	1.139143824	2.049178653	
	1.193475543						
YLR256W	YLR256W::HAP1::Activator of CYC1 and CYP3 transcription; positive regulator of cytochrome C genes CYC1 and CYC7	1		1.103487525	0.898521595		
	0.868187473	1	1.135471845	1.023249202		0.793159488	1
	1.148261629	1.229780587	0.821035637	1.077104395	1	1.152723876	
	1.080725918	1.254543962	0.80265427	1		0.921705286	0.778121626
	1	0.87775882	0.849256769	0.938108705	0.629499556	1.075523092	1
	1.091045272	1.303115097	1.402688487	1.407440977	1.080126277	1	
	0.916103041	1.496981399	1.365883095	0.93262037	0.916701009	1.072639421	
YLR258W	YLR258W::GSY2::Highly similar to GSY1. GSY2 is the predominantly expressed glycogen synthase. Activity is probably regulated by cAMP-dependent and SNF1 protein kinases and type 1 phosphatase	1		1.24428063	1.222762982		
	1.519149105	1.038764879	1	1.859047274	1.930119772		0.916468571
	1.768306616	2.241676617	1.725422819	1.191306288	1	5.38959236	
	5.633964732	5.682761457	1.501118197	1	2.685458015	0.848914759	
	1.302659225	1.283420964	1	1.071731058	1.494897429	2.104073305	
	0.929704707	1.013564978	1	1.471196589	1.295240693		1.10839405
	0.557822416	1	1.093717034	1.188637491	1.298555711	0.62527211	
	1.517989675	0.810827823					
YLL051C	YLL051C::FRE6::similar to FRE2	1		0.72004275	0.511054514		
	0.51894779	1	0.635859776	0.622297025		0.587300075	1
	1.928292775	1.214090598	0.365444185	0.895134615			
	1.194255675	1.115367475	1	2.011032414	1.249571399	0.98334854	
	0.909329109	1	2.356995972	1.904818229	2.07500563	1.366394656	
	1.089505879	1	2.138869466	1.502582155	1.931868687	1.514673855	
	0.484266431	1	2.200873697	1.689562406	1.076858246	0.337637937	
	0.71610329	1.007843244					
YLL053C	YLL053C::YLL053C::molecular_function_unknown	1		1.265637269			
	0.999782882	0.728958768	0.967125247	1	0.749022075	1.078426573	
	1.267397662	1	1.828761976	1.051266255	1.274778789	1.001406242	1
	1.856494005	1.38260868	1.001996834	1.89968223	1	3.209495767	
	3.147443067	1.363223746	1.223240205	1	1.618371743	1.133826479	

1.345979451 1.251811661 1.104720764 1 1.145852854 1.231602992
0.824167557 1.131292392 0.969366386 1 1.958523993 2.045148275
1.157232837 1.542335517 0.944626877 1.415883994
YJR160C "YJR160C::MPH3::Maltose Permease Homologue. Maltose transporter
family member, able to transport hexoses. Capable of transporting maltose,
maltotriose, alpha-methylglucoside and turanose."
0.835255039 0.783660771
1 1
0.885615095 0.971150487 0.881558417 0.991098185 1 1.016548506
0.920503327 1.127293967 0.915787864 0.946286308 1 0.778090689
0.920832421 0.791882954 0.671395963 0.692748797
YLL055W YLL055W::YLL055W::molecular_function unknown 1 1.327474533
1.173072468 1.096813136 0.732796448 1 1.088885145 1.084789009
1.320591189 1 5.145383201 3.530934553 1.989655237 1.12437331 1
7.735032272 2.315624563 1.030477687 1 5.394492806 2.012511509
0.966030667 1.411699728 1 1.28229854 1.856759633 1.747206435
1.04673341 1.186435895 1 1.460945164 1.072289707 1.4633087
1.1812536 0.81749305 1 1.882903659 1.11042949 0.935702728
0.746525649 0.971974601 0.777554122
YLL057C YLL057C::YLL057C::molecular_function unknown 1 1.192735231
1.016011698 1.035478645 0.860123835 1 0.912453907 0.926736593
0.876169326 1 0.98335791 0.963123746 1.118394271 0.960665105 1
0.988063257 1.104471156 1.545438757 0.954180329 0.287549242
0.23590807 1 0.90986528 0.805655771 0.912615215 1.214138428
0.959342678 1 0.806696478 0.650607529 0.679322179 0.810690829
0.885305182 1 0.695084423 0.623977541 0.773908203 0.806232945
1.228197343 0.926410164
YKL011C YKL011C::CCE1::cruciform cutting endonuclease 0.911152392
1.088709974 0.845318356 1.116024646 0.813609205 0.760080313
1.074235522 0.84997054 0.869443402 1.107800584 1.150312028 1
0.767900286 0.656891617 0.919987781 1 1.144992931 1.339502109
0.869482668 1 0.995426771 0.789467269 0.768254449 1.130302881 1
0.903170164 1.205040718 1.093830091 1.161754274 1.487158199 1
0.96939617 1.225172145 0.956803133 0.69940896 1.480187116 1.339704695
YLL059C YLL059C::YLL059C::molecular_function unknown
0.919357272 2.100210924
1 0.898470788 1.532593475 1.156206217 1 1.174440674
1.61239301 1.08601058 1 1.096793692 1.300726126 1.685487615
1.185030413 1.29567748 1 0.81794898 1.597745783 1
1.414716424 1.51110339 1.116108122 0.977196433
YKL013C YKL013C::ARC19::Arp complex subunit 1 1.317280179 1.76874208
1.194564365 1.728477635 1 1.168474193 1.272058835 1.64550893
1.538761602 1 1.484661498 1.81054101 2.554561066 1.297849577 1
1.473523224 1.316007222 1.177126166 1.102318595 1 2.250415326
2.085238823 2.377449411 1.376848201 1 1.195662414 1.42336506
1.04330699 0.816695893 1.013026404 1 1.143882071 1.990049531
1.649982334 1.084564963 1.448832976 1 1.573164648 1.843707963
1.087890552 1.090120793 1.675626917 1.366849055
YKL015W YKL015W::PUT3::Positive regulator of PUT (proline utilization) genes
1 0.862255427 0.73019698 0.701411264 1 0.866481676
1.076857081 0.802364057 0.740282184 1 1.252281458 0.957352399
0.56289937 1 1.185547304 0.877028861 0.469458009 1
1.588216014 2.17403666 1.273651606 1.6612586 1 0.940732646
0.927962999 0.971038031 0.811157456 1.048436907 1 1.392095618
1.068389543 0.992162595 1.128368914 0.662235621 1 0.997852928
0.957199974 1.231013724 0.799444563 0.963273811 0.633951756

YKL017C	YKL017C::HCS1::DNA helicase	1	0.888989218	0.819948993
	0.979495882	0.852681991	0.937103459	0.898476496
	0.755805878	1.021170307	0.875789686	0.595968649
	1.306622606	1.27658867	0.864326727	1
	1.246812911	1	1.00151787	1.068358409
	1.239788409	1	0.953676542	1.026983806
	0.665810907	1	1.214052298	1.123662874
	1.382649098	0.802947204		1.326875952
				1.100113345
YPR099C	YPR099C::YPR099C::molecular_function unknown	1	1.048267586	
	1.655027336	1.242537409	2.264948737	1
	1.755372728	1.800658139	1	1.240714928
	1.38326998	1	1.462727084	1.233147472
	1.669246402	2.101119618	1.885019869	1.130651989
	0.967248176	0.515887564	0.538974531	0.813574846
	1.507237156	0.890863302	1.101466601	2.26276121
	1.591472444	1.109349877	2.072851254	1.793767055
				0.972818213
YKL019W	YKL019W::RAM2::CAAX farnesyltransferase alpha subunit	1		
	1.267963984	1.134018	1.095781126	0.941555437
	0.989712555	1.15255312	1	1.257649784
	1.180534883	1	1.29948409	0.315242493
	1.245281324	1.453475214	1.19335143	0.966732454
	0.721680986	1.021159343	1.280116326	0.801587027
	0.990707218	1.160271162	0.867999518	0.813981854
	0.734481645	0.786325457	0.877452763	0.648324842
				0.985077
YPR113W	YPR113W::PIS1::phosphatidylinositol synthase	1	1.179876421	
	0.980241082	0.714961042	1.265695521	1
	0.907729401	0.926109797	1	0.907503018
	0.829769766	1	1.520400833	0.72397112
	1.274616998	1.130646667	1.025671382	1.01953924
	1.071463507	0.926607521	1.481452598	0.908925066
	0.903192351	0.734634287	0.607057178	1.132203482
	1.199585471	1.04516962	1.763013809	1.768838384
				1.182967981
YKL021C	YKL021C::MAK11::essential for cell growth and replication of M dsRNA virus; contains four beta-transducin repeats	1	1.01731992	0.923166562
	1.112166734	1	0.819848854	0.727720705
	0.748267052	0.600814562	0.495273296	1.095974038
	0.296825136	0.549198494	1	1.191454188
	0.918013688	1	0.828806212	0.680114244
	0.841634058	1	0.8826254	0.763282137
	1.212802904	1	0.833233537	0.715783784
	0.524669517	0.933415171		0.8459867
				1.11715702
YPR115W	YPR115W::YPR115W::molecular_function unknown	1	1.303493522	
	1.327282738	1.683614168	1.202915091	1
	1.171694978	0.949361313	1	1.532278769
	1.369479355	1	1.266474538	1.047642343
	1.024562467	0.823633049	0.76678682	0.941597528
	1.05767734	1.366503889	1.04952586	1.104993964
	1.211177522	1	1.417792353	0.570649865
	1.280222452	0.993070374		1
				1.248110027
				1.311308919
YKL035W	YKL035W::UGP1::EC:2.7.7.9 UDP-glucose pyrophosphorylase or UTP-glucose-1-phosphate uridylyltransferase	1	1.04024254	1.139561192
	1.380850152	0.707306261	1	1.428110136
	0.930948512	1	1.241206008	1.66024674
	2.102454622	1.440664877	2.786312571	1.511334529
	1.054849581	2.353723187	2.18039785	1
	1.47114623	1.356774794	1.184088484	1
				1.00390664
				0.632297182

1.132775455 0.635266006 0.597768561 1 1.310120057 0.715918181
0.941164286 0.768483493 1.880897244 0.781056625
YPR117W YPR117W::YPR117W::molecular_function unknown 1 1.423909403
1.405208624 1.657245536 1.479058409 1 1.334826574
1.36708268 1 1.271423221 1.277819776 1.42850204 1.264178311
0.401637614 1 1.210085721
1.183426867 1.381548968 0.971306258 1.039066736 1 1.170925529
1.4123635 0.679013514 1.701618998 1 1.09229411
0.935479616 1.09162321 1.125147793 3.099708927
YKL037W YKL037W::YKL037W::molecular_function unknown 1 1.4544588
1.328005281 1.154927206 1 1.433835832 1.461931966
1.34366395 1 1.513505263 1.678170445 2.029019497 1.35188475
0.535161689 0.369078015 0.767120977 0.289877581 0.721251234
0.296827796 0.254389353 1 1.006923364 0.83155024 0.747757872
1.248437252 1.007297476 1 0.790093379 0.778956798 0.707406745
1.055138758 0.957150703 1 0.912253593 0.673016848 0.943879485
0.764082533 0.907341041 0.851982143
YPR119W YPR119W::CLB2::Involved in mitotic induction 1 0.618202584
0.539266902 0.715984517 0.544123204 1 0.737317559 0.689188642
0.508017844 0.472287661 1 0.507471508 0.531648868 0.234815501
0.525503348 1 0.428341777 0.390345215 0.485453258 0.320695408 1
0.5510682 0.885551534 0.852608254 0.375680462 1 0.996203567
0.833733061 1.02150044 1.259724351 0.986716739 1 0.652772563
0.413984989 0.366123744 0.595638105 0.48873011 1 1.097482197 1.559789
1.409253381 0.726111517 1.283699068 0.682111082
YKL039W YKL039W::PTM1::Putative membrane protein 1 1.171465517
0.965474233 1.291152521 0.796139807 1 1.221210839 1.325784902
0.974223913 0.961161044 1 1.436201018 1.398838191 1.054126223
0.981668196 1 1.560522973 2.073565543 2.502249138 0.636651804 1
1.035697011 0.536725453 0.451335204 0.574200444 1.01686352
0.992192231 1.161874876 0.988946082 0.992276207 1 1.23164023
0.92699581 1.152494026 0.900855305 0.412711034 1 0.981419008
0.745556711 0.797229619 0.467397466 0.738280123 0.577036198
YPR121W YPR121W::THI22::THI for thiamine metabolism. Transcribed in the
presence of low level of thiamine (10-8M) and turned off in the presence of high
level (10-6M) of thiamine. Under the positive control of THI2 and THI3. 1
0.89869956 0.846715291 1.149063699 0.712758615 1 0.995804232
0.939298161 1.005575743 0.9212203 1 0.878879779 0.966936862
0.710766965 1.168699233 1 1.042761767 0.913893849 1.235519519
1.56250126 1 1.07123634 1.625804721 1.64152065 1.047613257 1
1.1058059 0.913443945 1.092528479 1.070241545 1.06113144 1
0.868815013 0.981079889 0.816165709 0.853404441 0.901572809 1
0.874065704 0.926595518 1.070613305 1.142818647 0.75216104
YPR123C YPR123C::YPR123C::molecular_function unknown 1 0.980709837
1.172958114 1.292729809 1.762250654 1 1.19458959 1.172674027
1.312308518 1.861761997 1 0.994328145 1.424020929 1.652471726
4.037037653 1 0.787830105 0.479621121 1.608261399 3.008152631 1
1.833335001 2.745732257 2.631787548 5.320036944 1 1.652358069
1.376280576 1.701324578 1.126396107 1.128396114 1 1.910210042
1.275958628 1.332754082 1.029624958 0.301659113 1 1.404223781
0.948805404 0.93190356 0.503787424 0.842938799 2.541060805
YPR137W "YPR137W::RRP9::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA); Rrp9p is an ortholog of the human U3-55k protein; the
human cDNA partially complements a yeast rrp9 null mutant. (Pluk et al. (1998)
Mol. Cell. Biol. 18, 488-498.)" 1 1.29784773 1.151488197 1.173624564
1.32899308 1 1.32994882 1.411424215 1.339022077 1
1.549240792 1.370130657 1.389163051 1.563808976 1 1.485081585

1.345251764	1.187659583	1.064544266	1	1.09762835	0.728755831
1.177891243	1.007576201	0.538675195		0.705947585	1.1265135
1.057784467	0.866926049	1	1.250240392	1.559330335	1.179086468
1.567074154	1.665821662	1	0.723061529	0.756680773	0.610058013
0.974595032	0.612720555	1.594511286			
YPR139C	YPR139C::VPS66	1	0.847142988	0.985969581	0.864925677
1.352733378	1	0.866736834	0.84541571	1.050382933	1.09653991
0.76345696	0.839525535	0.949965884	1.015981912	1	1.066419655
0.847577074	0.937330501	1.12129248	1	1.118886685	1.316892726
1.348274706	0.886747583	1	0.969834131	1.019295883	0.905137071
0.748288788	1.132065492	1	0.902831272	1.103165861	1.015743576
1.296900922	1.116599694	1	0.73612032	0.761884247	0.670746767
1.076979557	0.546165485	1.036738829			
YPR141C	YPR141C::KAR3::kinesin-like nuclear fusion protein	1			
0.67243145	0.75358207	0.973462679	1.074734083	1	0.909275787
0.893206184	0.802825318	0.851502309	1	0.625740004	0.701602245
0.546876809	1.036511251	1	0.717320377	0.591058109	0.739657092
0.877337266		1.025668327	1	0.751634885	0.953747681
0.670366714	0.590896325	1.014271039	1	1.132671986	0.984758249
0.903199687	1.804246768	0.947513183	1	1.068468497	1.039160211
1.180284673	1.023540283	0.922907714			
YLL061W	YLL061W::MMP1::S-MethylMethionine Permease	1			1.575215604
0.90575923	0.670900313	0.323094411	1	0.749747808	0.69170556
0.478237988	0.45660599	1	1.279470431	0.994211096	0.442905092
0.360206252	1	1.861787765	0.457528211	0.616341065	0.667131596
1.434890987	0.463836786	0.463061256	0.860012189	1	0.994607974
0.682152175		1.45341436	1.017445257	1	1.710129683
0.342039136	0.6104036	1.135533682	1	1.817385806	0.687158087
0.734685384	0.671547685	0.523337105	0.751285375		
YLR008C	YLR008C::molecular_function unknown	1			1.21018419
1.212051005	1.078916588	1.406798356	1	0.962678407	1.073492086
1.885732887	1.554735348	1	0.978597883	0.911100453	1.114662687
1.146003222	1	0.717460347	0.60288395	0.590272454	0.870904291
1.12097531	1.089880724	1.283726789	1.05958349	1	1.055526063
1.117021172		0.967512728	1.080829761	1	1.037601707
1.060836874	0.914941393	1.85732295	1	0.778085002	1.150374314
0.848571299	1.081869231	1.021405757	1.062131964		
YLR010C	YLR010C::TEN1::protein involved in Telomeric pathways in association with Stn1	1			
0.716825461		1.328434792	1	0.924512189	0.910931924
1.722767789	1	0.687104005		1.100470132	1.341468625
3.183926589		1.969212488	1	1.074998164	1.128225989
1	0.788160796	0.95643057		1.14993093	1.637026784
1.055150705	1.082502892	1.073644278	0.193212447	1.276359564	1.165455518
YLR012C	YLR012C::molecular_function unknown				1.088457712
1.08301589		0.620666349		0.877777829	0.905066769
1.11512337			1.217432291	0.950044185	0.273630504
				0.295700464	0.63682367
0.674653915			1		1
	1.638137868				
YLR014c	YLR014c::PPR1::Positive regulator of URA1 and URA3				
1.103233186	0.904221526	1.383146589	1.051412707		1.124766336
1.182957438	1.240181266	1.152294189		0.787277693	0.748863641
0.671925436	1.678966168	1	0.403404479		0.784359914
	0.786595969	1	0.818682997	0.709094179	0.978976437
1.144397475	1.057634244	1	0.776114417	0.708881323	0.546927341

0.962917329 0.649665416 1 0.634352153 0.882183717 -0.045275982
 0.597008855 0.713633558
 YLR016C YLR016C::YLR016C::molecular_function unknown 1 0.793627687
 0.824700542 0.926079118 1 0.717257673 0.801664626
 1.371740166 1 0.859371984 0.847178269 1.071095816 1.094985578 1
 0.719387918 0.59866997 0.923493146 1 2.131139378
 2.133585397 1.715337585 1 0.916354482 1.136426826 1.236208352
 1.074766982 1 1.023710357 1.018598652 1.232641046 1.327301944
 0.946746499 1 1.075712563 1.004974699 1.244371031 0.931010424
 1.079578217 0.973693878
 YLR018C YLR018C::POM34::nuclear pore integral membrane protein 1
 0.848736255 0.703724144 0.749155043 0.88851535 1 0.705466464
 0.629860599 0.819874006 0.867594478 1 0.800684771 0.651832295
 0.664220414 1.058678234 1 0.724114169 0.950922488 0.685127419
 0.807158141 1 0.95506736 0.73591392 1.108887601 1
 1.168870083 1.096662739 1.128570784 1.134600929 1.044799771 1
 0.883676479 1.00063941 0.933544221 0.919926259 1.218005407 1
 0.963407796 1.141325284 1.212392483 1.281246343 0.960800312 1.030609488
 YLR032w YLR032w::RAD5::putative ATPase/DNA helicase 1 0.869515868
 0.771933142 0.701127374 1 0.815629205 0.884637507
 0.718992654 1 0.756910554 0.694031246 0.520270609 1
 1.043732453 0.879529166 1
 0.90541377 0.879843188 1.095123371 1.102358947 1 0.702176559
 0.577747947 0.757157915 0.950656738 0.632642111 1 1.038897576
 0.971296197 1.34715608 0.862965592 0.934687315 0.98245011
 YKL041W YKL041W::VPS24::involved in secretion 0.821268424
 1.007853919 0.939810219 0.711908063 0.633766438 0.975185282
 1.046977005 1.427468306 1.342242929 1.548350006 1.089614792 1
 1.272377391 0.954581988 1.165072632 1.235201787 1 2.553829813
 2.620015037 2.640525994 1.692967801 1.37407824 1.437666395
 0.843512855 1.095618422 1 1.403607611 1.512800217 1.313001059
 1.385875359 2.02546451 1 1.295234915 1.644827603 1.3247042
 1.139219956 1.373262909 1.457913927
 YLR034C "YLR034C::SMF3::Putative metal transporter, Nramp homolog, homolog
 of SMF1 and SMF2" 1 1.264812285 0.837864618 0.985021786 1.058274706 1
 0.89858485 0.923897049 0.718295727 1.007547714 1 2.323893398
 1.394836664 0.798160777 1.281538949 1 1.81461568 1.261726773
 0.956602824 1 1.384044291 0.717403208 1.066558874 1 1.827261
 1.138567061 1.738530424 1.459521253 1.02577819 1 2.186505653
 1.021344285 1.692419552 1.157630588 0.438142586 1 2.099210976
 1.108190022 0.771653504 0.661161215 0.801994156 0.958808305
 YKL043W YKL043W::PHD1::protein similar to StuA of Aspergillus nidulans 1
 1.381786044 1.529707742 0.938112866 0.749923504 1 1.319745318
 1.29862818 0.898621773 1 2.848274776 1.033802766 1.099518772
 0.781448892 1 2.249827772 1.223542567 0.978366222 1
 1.53950854 1.866001455 0.703070225 0.764608916 1 2.27672393
 1.466854487 0.996528226 0.971011461 0.895453597 1 1.908257073
 1.222410253 0.910258049 0.8859402 0.380640186 1 2.283352208
 1.864932736 0.636916609 1.207734063 0.887882787
 YLR036C YLR036C::YLR036C::molecular_function unknown 1 0.846337111
 0.824968687 0.742126989 1.134367823 1 0.681416124 0.624246761
 0.80086974 1 0.708008804 0.709523307 0.86309866 0.735424905 1
 0.966683167 0.748762705 1.027936052 1.454678912 1 1.769177345
 2.322730386 2.451812931 1.710225217 1 0.976542124 1.392802889
 1.118155326 1.083082168 1.159275916 1 0.854286951 1.010054628
 1.165127142 1.064989642 1.602203129 1 1.092614552 1.140396114
 1.073198751 1.298774776 1.225951017 1.516580762

YKL045W YKL045W::PRI2::p58 polypeptide of DNA primase 1 0.868878904
0.877206113 1.102848507 0.888487676 1 0.961931399 0.971360165
1.154364303 0.973156746 1 0.581788901 0.652429332 0.573340075
1.340171156 1 0.584916632 0.354864156 0.42245714 1.034227544 1
0.622270737 0.653917682 1.296675409 1 0.885175004 1.079471541
1.063842133 0.759681142 1.276744073 1 1.01811744 1.160180805
1.276208508 1.366979575 1.070386094 1 1.194634228 1.178266634
1.237511172 1.078736728
YKL059C YKL059C::MPE1::Protein required for cell viability 1
1.189565282 1.137857074 1.273847327 1.085531672 1 1.094496314
1.17148987 1.27483007 1.159378616 1 1.435658591 1.195218247
1.269511629 1.432310039 0.53900932
1 1.263746244 1.302729472 1.182967644 1.075700699
1.320336928 1 1.184683884 1.160983331 1.159915158 1.026649948
0.720586317 1 0.996984568 0.852327298 0.877585684 0.622484162
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YKL061W YKL061W::YKL061W::molecular_function unknown 1 1.720893962
1.523360591 1.553450515 2.335311579 1 1.42593219 1.258852141
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0.967215554 0.528722385 0.544945037 0.928710685 1 1.181034479
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YKL065C YKL065C::YET1::Yeast homolog of human BAP31 protein 1
0.988366515 1.441776321 1.069183335 1.650239503 1 1.033244481
1.105969912 1.79874761 1.418583346 1 1.035686919 1.768088893
2.64126616 1.446229413 1 2.082991415 1.675802289 2.168873157
2.462393263 1 2.738767562 4.988796981 2.203875087 1
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1.348687043 2.333470589 1.914857514 1.212959535 2.116132416 1
1.71935874 2.502439806 1.291343544 2.394412473 1.967198714 1.816044072
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2.1038008 1.86144685 1 0.983289121 1.205750155
0.985169009 1.233218473 1.595386951
YLR038c YLR038c::COX12::essential during assembly for full cytochrome c
oxidase activity 1 1.229998949 1.420915099 1.726463646 1
1.02400016 1.072786084 1.41292618 1 0.977071464 1.208939709
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0.987464675 1 1.738646564 2.071348423 1.984729022 1.529204819

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0.833014812 1.201332343 1.184375255 1.281881937 1 1.223269872
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0.583299576 0.582740608 0.718751606 1 0.849796182 0.970637183
0.832062448 0.629283564 1 1.112421704
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YLR056w YLR056w::ERG3::C-5 sterol desaturase 1 1.471959621
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0.89565211 1 0.754648049 0.541775213 0.487985769 0.878205113 1
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0.726988237 1.690907587 0.985359877 1 0.774322899 0.583309094
2.066650498 1.395725771 0.730838832 0.785434741
YLR058c YLR058c::SHM2::serine hydroxymethyltransferase 1 1.136004953
0.653667948 0.596140615 0.462711237 1 1.020898456 0.920352662
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1.093407469 1.945734342 1.959574603 1 0.764709123 0.600859415
0.532458322 0.676886439 2.031305405 1 0.688786606 0.470577226
0.885483702 1.543240547 5.185910329 0.845852802
YLR060w "YLR060w::FRS1::Phenylalanyl-tRNA synthetase, alpha subunit,
cytoplasmic" 1 0.857048315 0.741624475 0.888423866 0.86994392 1
0.9201596 0.781492442 0.771364862 1 0.850710924 0.693474296
0.445775934 0.854131157 1 0.477167776 0.604298565 0.653127493
0.434379452 1 0.693990908 0.4250357 0.350161226 0.566926755 1
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1.03626308 0.840896185 0.835640674 0.768270211 0.606132076 1
0.940095396 0.723940918 0.960025001 0.817274176 0.760313456 1.439525903
YLR062C YLR062C::BUD28 1 1.254844969 1.785403355 1.046591612
2.019812536 1 1.181557929 1.040875005 1.905442104 1.503742983 1
1.070351271 1.056852276 1.21229459 1.196287272 1 0.672370512

0.281804462	0.200949909	0.56462573	1	1.641402558	1.136961973
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0.750639451	2.191214243	1	0.980472318	1.783667055	1.163150857
2.107028537	1.319960332	1.857198549			
YLR064W	YLR064W::YLR064W::molecular_function	unknown	1	1.176131786	
1.0368671	0.88245451	1.108322066	1	0.995234451	1.016427436
1.113325449	1	1.175593214	1.027158209	1.528559767	0.868965568 1
1.129910493	0.924957961	1.316392233	1.576039749	1	1.148524787
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1.104359074	1.04663376	0.906530477	1	1.09819653	1.227783719
0.804436681	0.665950813	0.847312199	1	1.13636604	1.256357377
1.043856449	1.251859511	0.913851145	0.885255897		
YKL085W	YKL085W::MDH1::mitochondrial	malate dehydrogenase	1		
1.270924354	1.4640576	1.46392693	1.213903635	1	1.69149728
1.926060621	1.327343137	1.504972262	1	1.195561919	1.479513807
1.956347932	1.5033527	1	2.702170827	2.00232954	2.483246935
2.29196405	1	2.191592655	1.257120396	1.829445959	2.155808007 1
1.246905524	1.296015922	1.204818972	1.019023104	1.117436637	1
1.054635389	1.195301112	1.082610358	0.582604147	0.769487352	1
1.615091147	1.70670518	0.975009572	1.431105929	2.726526058	1.199604884
YLR066W	YLR066W::SPC3::signal	peptidase subunit	1	1.104205808	
1.535818913	1.036422007	1.959592496	1	1.062561434	0.944414219
1.839487134	1.499623157	1	0.92768496	1.236735402	1.55513811
1.376568053	1	0.942875636	0.469738179	0.680431715	1.34774606 1
1.696103897	2.122053266	2.091213232	1.147088507	1	0.997190452
1.363070158	0.878794435	0.945756322	0.99006792	1	1.060976247
1.768385238	1.554270608	1.341083466	2.088314512	1	1.389463809
1.752260019	1.252358879	2.077654286	1.377824457	1.287167305	
YKL087C	YKL087C::CYT2::links	heme covalently to apocytochrome c1	1		
0.951206413	1.207961831	1.126462241	1.525605535	1	1.018887362
1.130491065	1.400613695	1.606810539	1	1.382482195	1.223115972
1.683817494	1.26721501	1	1.175257956	0.919116114	0.818652421
1.011837975	1	2.31163682	1.678987246	2.829726888	1.71116929 1
1.396771599	1.276722663	0.981333917	1.071146478	1.091520848	1
1.399081737	1.058495761	0.939999651	1.063540017	1.078122281	1
1.583230315	1.075468494	1.14012151	1.09730281	1.418149363	1.960522208
YLR080W	YLR080W::EMP46::Evidence	suggests that Emp46p and Emp47p are required for the export of specific glycoprotein cargo from the endoplasmic reticulum.	1	0.813192837	1.326982635
1.18180959	1.33738754	1.616781276	1	1.115450411	1.871032997
2.966382017	2.008053667	1	1.451594828	1.149519579	1.90547469
2.30867414	1	1.441392989	3.693557382	4.167922752	1.716396084 1
0.999096069	1.217037444	1.244726081	1.082636251	1	0.828944788
1.344117205	1.524126517	1.122597087	1	1.035299425	1.177572478
1.347366702	1.089455795	1.35420396	0.992957567		
YKL089W	YKL089W::MIF2::centromere	protein required for normal chromosome segregation and spindle integrity	1	0.864515773	1.010577654
1.208800802	1	0.871747065	0.915727765	1.297119746	1.040809135 1
0.932802948	0.86178362	0.805716622	1.150084696	1.172702151	
0.746767812	0.75743782	1	1.643012994	1.381732086	1
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YKL091C	YKL091C::YKL091C::molecular_function	unknown	1	1.185631687	
1.88845041	1.675087404	1.933141725	1	1.444878674	2.04451309
2.184214791	1.611752075	1	1.75905306	2.784857492	4.993949428

1.501035857 1 2.134199712 2.356132483 3.239139718 2.402120437 1
3.82395246 4.035297483 8.471568422 2.714878484 1 1.630202558
2.448054546 2.115354961 0.820329084 1.240627677 1 1.563145296
1.947799677 2.80198181 1.433423124 1.444224647 1 2.093072824
2.534422712 1.296272639 1.512340089 2.800873297 2.710931866
YKL093W YKL093W::MBR1::Involved in mitochondrial biogenesis 1
1.26546421 1.352329475 1.314606434 0.953592413 1 1.279207546
1.242476154 1.504005117 1.245840788 1 1.295921857 1.276795381
2.039408754 1.115110663 1.096161627 1.862154808 1
1 0.761949155 0.981873505 1.143810931 1.369246463
1.091858139 1 0.897038227 0.739785826 0.907457101 1.084547827 1
0.612983752 0.993986487 1.362686414
YKL106W "YKL106W::AAT1::aspartate aminotransferase, mitochondrial" 1
1.222878583 0.906132917 1.206243843 0.96446065 1 0.935707339
1.064549537 1.272067389 1.193789204 1 1.295117503 0.798133873
0.668337378 1.088532872 1 1.027334726 0.9378899 0.989173055
0.945497982 0.922020259 0.619493348 0.631213416 0.981681999 1
0.811432061 0.786084695 0.999503091 0.954939707 0.961647454 1
0.836504878 0.761746072 0.735877437 0.829732972 0.514812466 1
1.078339876 0.891713968 0.97760459 0.972324431 0.809310953
YKL108W YKL108W::SLD2::Synthetically lethal with dpb11-1; required for DNA
replication 1 1.422252485 1.507726634 1.575637493 1.399598524 1
1.444357502 1.364063128 1.551384859 1 1.274664557 1.006452113
1.091644644 1.462965664
1 0.700260594 0.842958268 0.736104178 0.606850281 0.929020847 1
1.26376194 1.514766081 1.476964776 2.215136218 1.649782966 1
1.361008853 1.393838262 1.613550971 1.092778775
YKL110C YKL110C::KTI12::Protein involved in resistance to K. lactis killer
toxin; RNA polymerase II Elongator associated protein 1 1.188378743
1.016892998 0.976645571 1.297209934 1 0.953425567 0.846069734
1.581042488 1.326510794 1 0.802923857 0.69956617 0.715283112
1.185018726 1 1.018957744 0.604949223 0.818470801 1.270986924 1
1.210962228 1.369629419 1.710777795 1.215645245 1 1.048717344
0.867592883 0.752132109 0.835097352 0.960319829 1 1.079994385
1.039411113 0.648298099 0.994421144 1.341857465 1 0.944797558
0.77193866 0.968921514 1.302616931 0.68097105 1.089276219
YKL112W YKL112W::ABF1::transcriptional activator and ARS1 binding protein 1
0.781731407 0.711267343 0.966732888 0.796713151 1 0.846796518
0.94114093 0.768265188 0.745074183 1 0.663799086 0.736139181
0.565983249 1.067078408 1 1.039721897 1.494724138 1.579735765
0.700903868 1 0.666409966 0.357808863 0.411732732 0.528270773 1
0.890582571 0.78466086 0.833980194 0.835312379 0.98235671 1
0.810616026 0.717037827 0.687784917 0.718084094 0.717156993 1
0.722374147 0.792412123 1.158317213 0.930815467 0.744280421
YKL114C YKL114C::APN1::major apurinic/aprimidinic endonuclease/3'-repair
diesterase 1 1.025440273 0.884582498 0.998462247 0.997925163 1
0.946609798 0.855412907 0.915731247 0.99020589 1 0.825872619
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0.874689024 0.951984979 1 1.107378703 0.611395857 0.627601486
0.802439827 1 1.063046208 1.2270146 1.405402858 1.075128388
1.183676206 1 1.109806857 1.484198943 1.235659708 1.213578308
1.301457427 1 1.091553781 1.182460305 1.170865482 1.192042535
0.809795809 0.963186421
YDR224C YDR224C::HTB1::Histone H2B (HTB1 and HTB2 code for nearly identical
proteins) 1 1.098843197 1.414480739 0.911734542 2.603593781 1
1.054667043 0.895619007 1.47767995 1.239379472 1 0.871617725
1.030440116 0.92791779 1.276297587 1 0.608413309 0.348902327

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	0.611538349	0.915052073	0.690080342	1.025022577	1.336522258	1	
	0.551569242	0.809439206	1.123530705	1.688231037	1.078115273	1.253893604	
YDR226W	YDR226W::ADK1::adenylate kinase			1	1.041793819	1.091718988	
	0.871706854	1.279018367	1	0.941406373	0.919228925	1.206469323	
	1.317082389	1	0.931276569	1.018300746	1.205121255	1.016625056	1
	1.42902932	1.227916685	1.077287598	1.743259086	1	1.278519349	
	1.216817198	1.357950439	1.275882097	1	1.538964865	1.069650506	
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	1.983633177	1.028968644	0.999266606	1	1.018758489	0.878874879	
	0.881807618	0.673693865	1.158450512				
YDR228C	"YDR228C::PCF11::pre-mRNA cleavage and polyadenylation factor I component, interacts with Rna14p and Rna15p"			1	0.657766889	0.74582843	
	0.918627743	0.89653008	1	0.863635863	0.735677471	0.775755894	1
	0.783013802	0.824502899	0.760760826	0.816499418	1	1.055270509	
	1.067758408	1.048032567	1	1.033206717	1.260251607		
	1.119788746	0.711005632		0.883024937	0.7601311	0.970268264	1
	1.159140017	1.01385198	1.102288783	0.945554941	0.671612593	1	
	0.818461921	0.852514853	0.963930341	1.096193926	0.808253352	0.800320314	
YDR230W	YDR230W::YDR230W::molecular_function unknown			1	1.204041634		
	2.028524941	1.29867152	2.033832192	1	1.271962701	1.481348519	
	2.015741012	1.803901751	1	1.472597227	1.849458143	3.487597302	
	1.574784106	1	1.747498222	1.188468151	1.492611195	2.652165774	1
	2.555033957	3.855204432	4.009450853	1.254041732		1.314732615	
	1.637393419	1.094183002		1.109971488	1	1.449587179	1.597642002
	1.535492103	2.388430603		1.374894003		0.91548272	1.509118667
	1.284660477	1.663685579					
YDR232W	YDR232W::HEM1::First enzyme in heme biosynthetic pathway			1			
	1.365330745	0.850153052	0.933295762	0.411730815	1	1.231879811	
	1.058938599	0.618338456	0.792680205	1	1.049223798	0.710905047	
	0.833610066	0.793389826	1	0.518910342		0.629762641	0.639877436
	0.446332776	0.340710316		0.485246856	1	0.641971975	0.427401667
	0.441779676	0.989931424	0.792658894	1	0.50664585	0.361582855	
	0.412557414	0.566837789	0.536951129	1	0.547235873	0.47308068	
	0.72679748	0.922602371	0.676428538	0.632200531			
YLR082C	YLR082C::SRL2::Suppressor of Rad53 null Lethality			1			
	0.701069685	1.245078767		1	1.069491707	1.278514022	
	1.108247889	1	1.017522073	1.266417642		1.411330716	1
	0.464095547	0.357434048	0.473273387	0.989953366	1	1.017245744	
	2.149612362	1.100949786	1	1.066544458	1.360884862	1.235267313	
	1.318707669	1.592535941	1	1.17313503	1.164007974	1.241924485	
	1.310106083	1	1.076145431	0.806147605	1.052611485	0.556236118	
	0.900053074	1.140938049					
YLR084C	YLR084C::RAX2::Involved in the maintenance of bipolar pattern			1			1
	1.257493157	0.947626397		1		0.905909121	1
	0.976638553	1.011487135	0.882872352	1.128211999	1	0.779232984	
	0.82278015	0.640390173	1	0.692726656		1	
	0.897763041	0.802106619	0.839567048	1.087957772	0.878167581	1	
	0.981260002	0.743685311		1	1.141676171	1.032196044	
	1.060130982	0.977497402	0.672479238				
YDR260C	YDR260C::SWM1::Spore Wall Maturation			1	1	0.957134141	
	0.80190204	0.950082711	0.790645301	1	0.955412604	1.034010642	
	0.740148591	0.826599482	1	1.004133592	1.055348022	0.903462857	
	0.843372276	1	1.013148087	0.948663844	1.281344425	0.986876445	1
	1.165800867	0.719605654	0.701303694	1.072253689	1	1.011077305	
	0.96453632	1.189939618	1.203346604	1.165741379	1	0.916712489	

0.811346529 1.026139558 0.94862784 0.589003422 1 0.832920936
 0.9003093 1.195678503 0.903962945 0.817749625 1.04024128
 YDR262w YDR262w::YDR262W::molecular_function unknown 1 1.017845956
 1.074624124 0.850682364 1.036607949 1 0.966230198 1.000300558
 0.973597743 0.895407761 1 0.998727558 1.114493228 1.278883514
 0.968764663 1 1.382305032 0.92264032 1.221109699 1.711667791 1
 1.636089894 1.121352527 1.518122092 1.050752591 1 0.939496103
 1.100977764 1.116419344 1.00651249 1 1.046683063 1.288013531
 1.295665456 1.255345174 1.424165972 1 1.070787763 1.135167751
 1.222254095 1.668604562 1.049396817 1.309933549
 YLR086W YLR086W::SMC4::Stable Maintenance of Chromosomes 1
 0.903560578 0.990153195 1.177900956 0.908808124 1 1.258883198
 1.291034274 0.807634127 1 1.07754596 0.624107672
 1.48005971 1 1.155707487 1.00199678 0.714305172
 1 0.822059054 0.912024826 0.822082951 0.911771165
 0.957280872 1.056366687 0.731432639 0.772494567 1.06318908
 0.62651796 1 1.136372163 0.97391489 1.288568545 0.568438845
 1.059836726 1.004340689
 YDR263C YDR263C::DIN7::DNA-damage inducible gene 1 0.974721502
 0.853109415 0.871424349 0.901676602 1 0.857798107 0.770937974
 1.001328438 1.013620871 1 1.129805451 0.985198256 1.021109269
 1.016372087 1 1.068260492 0.649927275 1.16822828 1
 1.276199992 3.086622813 1.643446585 1.586147131 1 1.190498073
 1.141412974 1.535810797 1.142311584 1.197310638 1 1.040732333
 1.12553855 1.095130307 0.854271058 0.970899529 1 0.943078564
 1.026097254 0.843460292 0.816725326 0.746029014 0.904519585
 YLR088w YLR088w::GAA1::ER protein essential for attaching GPI
 (glycosylphosphatidylinositol) to protein 1 1.029673011 0.827633229
 0.928564569 0.894202203 1 0.994400379 0.903950331 0.90246832
 0.707209961 1 0.923200335 0.780978324 0.584588199 0.913713056 1
 1.488532553 0.911628649 1.065506827 0.797224969 1 0.865165896
 0.669046899 0.595242351 0.724217798 1 0.898615551 0.813646461
 0.901449577 1.115225574 1.113423699 1 0.620368941 0.621421188
 0.862283824 0.807674843 0.517860385 1 0.907726137 0.69189759
 1.091536895 0.703879017 0.777248104 1.215366122
 YDR264C YDR264C::AKR1::Negative regulator of pheromone response pathway;
 required for endocytosis of pheromone receptors; involved in cell shape control
 1 0.888143848 0.739094384 1.058196584 0.837107446 1 1.057170072
 0.988857883 0.650324741 0.724612545 1 1.702224921 1.448449144
 0.56193492 1.040653793 1 1.428921067 1.017146809 0.809260229
 0.745476624 1 1.537196842 0.750734969 0.302514415 1.130391968 1
 1.702126436 1.871389917 2.098818773 1.40619682 1.368870787 1
 1.352518688 1.137199416 1.80007122 1.545471326 0.379850667 1
 1.393170557 0.957116493 1.223084298 0.54654465 0.655637047 0.72501668
 YLR090w "YLR090w::XDJ1::Homolog of E. coli DnaJ, closely related to Ydj1p"
 1 0.768155324 1.016739119 1.118977148 0.846264519 1 0.985693685
 1.047956116 1.112646956 1.098271153 1 0.960590541 1.008190532
 0.98022995 1.003000674 1 0.681372158 0.628118596 0.742194529
 1.000286671 1 1.098125264 1.504265636 1.15579921 1.250753194 1
 1.037617049 1.198868988 1.113454908 1.025445164 1.205934515 1
 1.083589552 0.813191508 1.042167977 0.888193972 0.751353237 1
 0.970700467 0.605592312 0.991974287 0.731895416 0.912600391 1.731108646
 YDR265W YDR265W::PEX10::C3HC4 zinc-binding integral peroxisomal membrane
 protein 1 0.74077006 0.760448782 0.914369641 0.60633895 1
 0.835315254 0.897581513 0.97225136 1 0.824509981 1.003994349
 0.919789341 0.960845802 1 1.229981461 0.765102041 0.95297321
 1.35260855 1 1.95020241 2.520820884 2.524006184 2.28172865 1

1.09872506 1.261959637 1.181025735 0.909662577 1.172269491 1
1.238736577 1.099009645 1.078209857 0.953433441 0.813519849 1
1.476739863 1.1176992 1.033542331 0.965820543 1.056625218 0.943047067
YLR104W YLR104W::YLR104W::molecular_function unknown 1 1.201604066
1.450174759 1.059049412 1.819280928 1 1.094534727 1.531079319
1.444220736 1 1.292664723 1.26632971 1.662726248 1.219913983
0.566806069 0.497025057 0.441121456 0.693150707
0.928041139 1.194760241 1 0.998951986 1.019697417 0.833642798
0.833685964 1.10258105 1 0.869987634 1.222289583 1.194340159
0.899509112 1.172216373 1 1.001080816 1.150704005 0.954522234
1.184557263 0.769407413 1.722352415
YLR106C "YLR106C::MDN1::midasin, a large protein with an N-terminal domain,
a central AAA domain (with similarity to dynein) composed of 6 tandem AAA
protomers, and a C-terminal M-domain containing MIDAS (Metal Ion Dependent
Adhesion Site) sequence motifs" 1 1.287890413 1.293409896 1.40696329
1.445280825 1 1.404412017 1.402442197 1.265049958 1.516691097 1
1.319470031 1.312838111 1.638596024 1.240232513 1 1.14204443
1.211831575 1.342613781 1.121411701 1 1.664826091 1
1.064400483 1.063392396 2.235126374 1.127340546 0.996036123 1
1.154354357 1.200553317 1.360019371 0.77802155 0.57187263 1
1.167129527 1.250232984 1.418509825 0.754616174 1.118387609 1.900104147
YLR108C YLR108C::YLR108C::molecular_function unknown 1 0.977533989
1.035668268 0.956389619 0.606694862 1 0.967871591 0.951568144
0.529323298 1 3.213027851 2.660775709 1.020941442 0.847236175 1
12.66287519 9.53500316 5.156027985 3.104595935 1 12.29998817
7.11430219 6.189331995 2.768776766 1 2.981325038 3.070756546
2.151041297 0.813689738 0.730639898 1 4.087024519 2.727120989
2.65710511 2.160889271 0.87035935 1 3.825675311 3.116215364
1.988787228 0.896284506 1.081496281 1.926372842
YKL116C YKL116C::PRR1 1 1.289645008 1.122167404 1.524025089
1.146793382 1 1.316500038 1.391125249 1.120163898 1
1.138158222 1.120967758 0.900248417 1.29927595 1 1.416923733
0.734589356 1 0.914061804 0.958715206
0.83082915 0.882845429 0.866378814 1 1.044878074 0.919877363
0.852496191 0.815470185 0.973456936 1 1.282375632 1.076734586
1.075927865 1.17070117 1.141786863
YLR110C YLR110C::CCW12 1 1.54757398 1.346459502 0.790256786
1.359767463 1 1.052189861 1.053016129 1.096470112 1.312949676 1
1.164937534 0.909234199 1.655090883 0.751028235 1 0.611279808
0.482157066 0.615512636 0.551707287 1 1.069525451 1.154493485
1.058406319 0.652335107 1 1.006628826 0.650444113 0.592966419
1.159487251 0.837588237 1 0.866418694 0.848868728 0.614839362
0.375137365 0.819479694 1 0.854331188 0.781504514 0.605825204
1.183036163 0.93476888 0.971066988
YKL130C YKL130C::SHE2::Required for mother cell-specific HO expression 1
1.219159867 1.187778562 1.048048597 1.42258277 1 0.973361299
0.928644103 1.565314294 1.382708659 1 0.882804209 1.019353621
1.187931102 1.351173353 1 0.740315408 0.485363269 0.583814417
0.939425781 1 1.835503965 1.654031436 1.290752645 1.059969707 1
1.124916709 1.08247801 1.079599373 1.266262441 1.097505095 1
1.043129481 1.170514724 0.79792333 0.931921281 1.492723064 1
1.159157639 1.274698804 1.098239431 1.57800448 1.129114483 1.107664347
YLR112W YLR112W::YLR112W::molecular_function unknown 1 1.552059688
1.229441475 1.108001738 1.543104726 1 1.217387125 1.069743225
1.245840767 1 0.951655767 1.032707475 1.138097275 1.021228123 1
0.667469247 0.422990512 0.744603363 0.850332856 1 1.125732022
1.753252307 1.949782126 0.649517514 1 1.015936772 0.960564253

	0.851749298	1.084459283	0.913712531	1		0.701355396	0.49462918		
	1.261897313	1	0.839003337	0.786429472	1.070887735	1.04093002			
	1.216241787								
YKL132C	YKL132C::RMA1::Similar to folyl-polyglutamate synthase							1	
	1.414420918	1.151606272	1.374139451	1.08951943	1	1.387335807			
	1.139034754	1.215670865	1	1.184633177	1.124134809	0.992551274			
	1.353163047	1	1.308188972	0.940087432	1	0.987403923			
	0.773178704	0.51937755	1	1.155328159	1.098455306	1.104250642			
	1.166740918	1.347348477	1	0.880843822	0.844858282	0.667537565			
	1	1.065564319	0.746785219	1.140770481	0.745726117	1.304599741			
	0.740777918								
YKL134C	YKL134C::1-Oct::mitochondrial protein import machinery component involved in the biogenesis of the oxidative phosphorylation system							1	
	1.137024284	1.045987993	1.377650573	1.336012157	1	1.319136192			
	1.409119787	1.23504084	1.024378421	1	1.350944041	1.043606378			
	0.912531706	1.248669132	1		0.618354475				
		1	0.84548188	0.969012136	0.91926134	1.043018749			
	0.912559146	1	1.039069278	0.707028056	0.94613523	0.854627126			
	0.526424188	1	0.933044992	0.693660376	0.736543244	0.708891225			
	0.816013773	2.289756768							
YKL136W	YKL136W::YKL136W::molecular_function unknown							1	1.2305773
	1.558826136	1.264117742	1.463693484	1	1.171309222	1.160979265			
	1.858140252	1.583057904	1	1.565454218	1.408912675	2.253565219			
	1.50755681			0.753134187	0.733034357				
	1	0.833406667	0.986191716	0.915479258	0.725626014	0.94021158	1		
	1.215306728	1.259883413	1.421939448	1.472085939	1.139800581	1			
	0.937907875	1.109824334	1.070295388	0.968691277	1.201631212	1.777516695			
YKL138C	YKL138C::MRPL31::15.5 kDa mitochondrial ribosomal protein YmL31							1	
	0.77069806	1.23136271	1.050521038	1.687252468	1	0.877806608			
	1.093952186	1.65037628	1.462495204	1	0.948214744	1.04283705			
	1.704736935	1.073281554	1	1.091415515	0.781824759	0.689610826			
	1.62027413	1	2.803530491	4.005456249	3.33691676	1.617842695	1		
	0.978765537	1.329724475	0.769049026	0.592397365	0.991288714	1			
	1.298951697	2.16542818	1.376037015	1.221932985	2.540178191	1			
	1.078851395	1.938403266	1.033730703	1.802543486	2.207035246	1.491187628			
YKL140W	YKL140W::TGL1::triglyceride lipase-cholesterol esterase							1	
	1.134266142	1.089322166	1.299543883	1.146435713	1	1.211581315			
	1.391617561	1.048358085	0.900607766	1	1.544235761	1.20128149			
	0.809577469	1.218112867			2.030234584	0.752288541			
					0.990614515	1.215849703	1.217442873	1.133409824	
	1.119540199	1	1.084310944	0.833989455	1.245505613	0.973828649			
	0.595573909	1	1.279402165	0.922231746	1.057623956	0.806367671			
	1.377147008	0.804698482							
YKL154W	YKL154W::SRP102::Signal recognition particle receptor beta subunit								
	1	0.796241984	1.010366059	0.787007092	1.33659748	1	0.803236739		
	0.746027031	1.458963468	1.111485375	1	0.80936385	0.841443456			
	1.075925145	1.037452505	1	0.733640136	0.571547453	0.66645137			
	0.960139053	1	1.194602627	1.830461309	1.994610539	0.831558924	1		
	0.928248461	1.042073341	0.686864007	0.752823196	1.069918078	1			
	1.176759018	2.355059809	1.232993717	1.079851704	2.074906294	1	1.401516		
	1.608072942	1.219889917	2.146972408	1.295573116					
YKL156W	YKL156W::RPS27A::Homology to mammalian S27							1	0.922865206
	1.124946393	0.740290429	1.561569832	1	0.863246594	0.834861217			
	1.246454396	1.357280648	1	0.714799616	0.66267636	0.716404531			
	0.836303595	1	0.433449465	0.25411655	0.188108129	0.613900177	1		
	0.947898254	0.700798364	0.786188566	0.82214046	1	1.01886167			
	0.876262987	0.614250389	0.82508596	1.221039575	1	0.992526504			

	1.324267189	0.600831148	0.79618272	1.7219108	1	1.13783215		
	1.399619138	0.925362196	2.346690869	1.066603924				
YKL158W	YKL158W	1	0.71838883	1.325310342	0.886600065	1		
	1.091805972	1.335892925	0.797411819	0.724102945	1	1.010219233		
	1.082774738	0.32563321	1.147109611	1	0.812115116	1.072103319		
	1	0.719584003			1.297765379	1.122472127		
	1.427184963	1.049688587	1	1.076903507	0.594903069	0.987150811		
	1.56021048	0.459337922	1	0.763604748	0.834850548	0.998193244		
	0.645621165	0.992313082	0.570031244					
YDR266C	YDR266C::YDR266C::molecular_function	unknown			1	0.722573646		
	0.764765669	0.945369136	0.816592825	1	0.923844373	0.99677184		
	0.761524709	0.81894163	1	0.741252915	0.744698112	0.548789673		
	0.803283146	1	0.647086569	0.598833904	0.759207449	0.761275014	1	
	0.644734973	1.008906565	0.894629318	0.725677165	1	0.901800255		
	0.923717416	0.713627038	0.928707156	1.127261585	1	0.876916022		
	0.544436481	0.673583317	0.671830993	0.44918576	1	0.751613332		
	0.641376955	0.7558461	0.731698641	0.711753908	0.795942198			
YDR273W	YDR273W::DON1::prospore	membrane	localizing	protein				
	0.824962311	1.042018494	1.301521982	0.959389639		0.785762459		
	1.119251317		1.219201618	0.638984926		1.988899358		
	1.151291063	1	0.699078865	1.516974853	1.558334736	1		
	0.895004956	1.167355437	2.451122625	1.170095421	1	0.948824657		
	0.975795878	0.966510753	0.808939859	1.021067676	1	0.930696393		
	1.21072285	1.047920407	1.312073305	1.84847519	1	0.997419281		
	1.109339262	1.047605358	1.226082291	0.691742979				
YDR274C	YDR274C::YDR274C::molecular_function	unknown			1	0.924294734		
	0.944408445	1.049471432	0.73770193	1	1.019132237	1.003542429		
	0.983195097	1.029885482	1	0.950114673	1.216858765	1.359051102	1	
	0.703212592		1.303604072	1.172932562	1	1.024794531		
	0.807601686		1	1.009583282	1.488373336	1.236565723	1.392928048	
	1.022977699	1	1.252789021	1.53337427	2.137544479	1.475549585		
	1.602616484	1	1.337454903	1.18943916	1.345724316	1.330967109		
	0.810788232	0.681235469						
YDR275W	YDR275W::YDR275W::molecular_function	unknown			1	1.028639277		
	0.945697714	0.895003597	0.959728267	1	0.841037769	0.77214473		
	1.003173528	1.156881615	1	0.771221019	0.942662326	1.205944737		
	1.129354923	1	0.500694194	0.332237868	0.6871828	1.047896582	1	
	1.804679031	4.280728809	3.394722495		1	1.262633016	1.496052915	
	1.203569825	1.370693548	1.047189737	1	1.153498292	2.082746368		
	1.529257495	1.150618566	3.022151892	1	0.971907815	1.205991901		
	0.998420319	1.52741166	0.827217986	1.002589463				
YLR114C	YLR114C::YLR114C::molecular_function	unknown			1	0.786289837		
	0.830029984	0.961303308	0.790104131	1	0.954384878	0.944311611		
	0.866053652	0.803347357	1	0.851522353	0.854455512	0.645156403		
	0.972738965	1	0.805423369	0.586362047	0.798589789	0.806756911	1	
	1.088300018	0.965203148	1.00674463	0.673007965	1	0.943705307		
	0.880293133	0.968393374	1.09809819	1.047047306	1	0.96727179		
	0.854695364	0.692238094	0.912039473	0.618534503	1	0.775732685		
	0.762223205	1.021339178	0.819019356	0.734470296	0.940420177			
YDR276C	YDR276C::PMP3::plasma	membrane	protein	involved	in	salt	tolerance	1
	1.468762392	1.477738499	1.258977214	1.946775402	1	1.396684023		
	1.227136947	1.547758703	1.649225059	1	1.276804892	1.603303083		
	1.99742047	1.243284358	1	1.506440353	1.121762536	1.134143507		
	1.164438337	1	1.64854311	2.18332839	0.981857159	1.04407297	1	
	0.979716117	0.893350296	0.891285926	0.963017742	1.00098553	1		
	0.856633765	1.2489891	1.241623866	1.1308312	1.345159597			
	0.751078451		0.98430031	1.137619583	0.859969606	1.616401866		

YDR278C YDR278C::YDR278C::molecular_function unknown 0.796642707
0.941802511 1.354074768 0.805691501 1.008536429 0.897378063
1.352804617 1.204333276 0.707705999 1.190768816 0.92220761
0.564944606 0.639088145 0.613383367 1 1.226839953
1.002829425 1.139566438
1.17218677 0.651086164 0.747622672 1.001141092
0.931663945

YLR128W YLR128W::YLR128W::molecular_function unknown 1 0.862753839
1.07040235 1.212555856 1.229252985 1 1.002727038 1.200459967
1.747394285 1.482069033 1 0.992650167 1.159869184 1.487189451
1.531247693 1 0.470646139 0.941037554 0.886027368 0.808101948 1
0.714451022 1.00339473 0.812824616 0.485807602 1 1.114288588
1.53079211 1.437274565 1.342656516 1.209983768 1 1.393509172
1.479940813 1.204054836 1 1.004057083 1.167174405 1.313101738
0.756309889 0.851106531

YDR280W YDR280W::RRP45::Ribosomal RNA Processing 1 0.658046505
0.776493905 0.727143411 0.970000198 1 0.721499422 0.675329327
1.007869355 0.962997038 1 0.489428888 0.698684517 0.5775484
0.883590235 1 0.524951485 0.390771662 0.366089514 0.729604976 1
1.414266501 1.202184335 0.832977353 1.093818396 1 1.03804599
1.004033203 0.923046017 1.039976911 1.043818139 1 1.011363134
1.268878832 1.160256084 1.024969748 1.400003384 1 0.931041305
1.18524284 1.057933363 1.546414713 0.97249397 1.099783781

YLR130C YLR130C::ZRT2::Low-affinity zinc transport protein 1
1.233331705 0.88993312 1.646543021 1.359787448 1 1.048670211
1.134936286 1.612965333 1.462155837 1 0.997965895 0.862389885
1.033265607 1.617406283 1 1.590394594 1.081446585 1.33972621
1.656040076 1 1.799483097 1.376738671 1.359167909 1.244025403 1
1.337849881 0.985035284 1.109287532 1.375277739 1.042108012 1
1.117420176 0.731793652 0.502655714 0.532617657 0.595513352 1
1.039992468 0.826671569 0.791739815 0.957424984 0.727557287 0.601553668

YDR294C YDR294C::DPL1::dihydrosphingosine phosphate lyase (also known as
sphingosine phosphate lyase) 1 0.856146695 0.840200885 1.064104112
0.603849671 1 0.988302679 1.106886864 0.79711032 0.845647157 1
0.954203225 1.122676309 0.908017404 0.882265941 1 1.85462656
1.486164653 1.727486175 1.204616085 1 0.95404874 0.892591361
0.994305816 0.813783408 1 1.041396341 1.060002614 1.44176702
1.191637471 0.878911721 1 1.056986503 0.820209197 1.030814163
0.927764933 0.626748452 1 1.065136158 0.846735911 1.214149839
0.817612149 0.960910684 0.838847796

YLR132C YLR132C::YLR132C::molecular_function unknown 1 0.79849705
0.929582696 0.841104009 0.751421553 1 1.039605784 1.05409604
0.854477224 0.742050779 1 0.860154364 1.203965299 0.795765923
0.761149935 1 1.100686983 0.932449284 0.741465937 0.816156042 1
1.432855871 0.967656263 1.104907307 0.950187871 1 1.158897105
1.629224215 1.193702332 0.85966448 0.955362575 1 1.398194524
1.462354185 1.165528705 0.944124808 1 1.372820872 1.333994727
1.107411391 0.864495675 1.332747317 0.969315762

YDR296W YDR296W::MHR1::Involved in mitochondrial homologous DNA
recombination. Binds to activation domains of acidic activators. Presence in RNA
pol II holoenzyme may help recruit an Ssn3-active form of the holoenzyme to
target promoters. 1 0.671563129 1.108264621 0.9701109 1.128174018 1
0.886679569 1.096693155 1.215125821 1.365192868 1 0.905485226
0.980489477 1.417342 1.066835222 1 1.404443038 0.997311881
1.079773837 1.522821991 1 1.878814962 1.505579478 1.177131031
1.384605986 1 1.307918534 1.483657574 1.290302818 1.067095537
1.195955827 1 1.482721015 1.671157222 1.24899547 0.925250322

1.111665455 1 1.244706841 1.153003393 0.954194374 1.252302856
1.231964478 1.626909427
YLR134w YLR134w::PDC5::pyruvate decarboxylase 1 0.908248315
0.562372697 0.582882904 0.45586856 1 0.974574944 0.937703574
0.421338688 0.472296181 1 1.026780187 0.795471529 0.459082058
0.489497195 1 0.977477882 0.970903375 1.482386107 0.773524026 1
0.63051532 0.268452914 0.354554849 0.783492846 1 0.908264359
0.768248292 1.266974119 1.660079268 0.959762566 1 1.008260124
0.692610575 0.662328334 0.67965604 0.32763814 1 1.017078381
0.866412446 1.285112838 0.700600174 1.053019251 0.892260903
YDR298C YDR298C::ATP5::Subunit 5 of the mitochondrial ATP synthase complex;
homologous to bovine OSCP and E. coli delta. 1 1.289285276 1.289614173
0.964354181 1.902579842 1 1.24228951 1.196330063 1.299131108
1.558024873 1 0.917228363 0.933250302 1.429820944 1.085739731 1
1.176908119 0.815143717 0.921323492 1.486872613 1 1.483226561
1.406877203 1.696189973 1.561364438 1 1.294128707 1.099551677
0.767486893 0.968348459 1.013761306 1 0.913777731 0.786262823
0.651824937 0.497303841 0.905784512 1 0.978440245 0.975178957
0.585751878 1.430489791 1.293512149
YLR136c "YLR136c::TIS11::Zinc finger containing homolog of mammalian TIS11,
glucose repressible gene" 1 1.246408419 0.991070115 3.30014443 1
0.744740722 1.042711702 3.234625046 1 11.60876273 11.80851287
2.812965611 4.926609663 1 2.351388935 1.119120954 0.79743153
1.278915017 1 2.597744569 0.924153888 0.980041543 1.444348294 1
7.854231299 6.034275278 4.477105251 0.729239252 2.090128542 1
18.65313925 14.13788963 14.80175449 4.08013438 0.925706593 1
12.39473287 5.573455224 1.357843258 -0.530692957 0.832036349
2.655767585
YLR138W YLR138W::NHA1::Putative Na+/H+ antiporter 1 1.199474696
0.885705648 1.495506529 0.830298107 1 1.095593435 1.258314113
1.028987153 1.212640861 1 0.9814732 0.947525687 0.766876818
1.121536656
0.921889621 1 0.905908434 1.009641012 0.886442288 1.048418082
0.850971027 1 0.954570124 0.838718193 0.867660819 0.872069764
0.652912775 1 0.869397986 0.904126231 0.966612952 0.821471407
0.752095577 0.675981741
YLR152C YLR152C::YLR152C::molecular_function unknown 1 1.756951606
1.396269831 1.270344114 0.945751284 1 1.529193313 1.710773245
1.048181071 1.000031429 1 2.319047345 1.638312332 1.208111862
0.960246716 1 1.519539641 1.25964789 1.703634258 1.333108961
0.958109457 0.608311169 1.304830761 0.856661579 1 1.208759777
1.009652854 1.177301093 1.610641172 1.307048392 1 0.919570367
0.677336376 1.385983817 1.367262356 0.789830418 1 0.806613889
0.643811589 1.032425336 0.501484598 0.971523292 0.622568686
YKL160W YKL160W::YKL160W::molecular_function unknown 1 0.793722048
1.055217862 0.797657419 1.407473147 1 0.832339557 0.883144546
1.31616195 1.425828373 1 0.87688471 1.046462282 1.337759835
1.030022205 1 0.89593664 0.979718984 1.209759879 1
1.776336908 2.22847971 1.830353377 1.159518149 1 0.903425306
1.144480026 0.785942799 0.763353713 0.939253418 1 1.219514759
1.842248737 1.32169376 1.315928058 2.275868835 1 1.049018332
1.310144165 0.949461179 1.418625603 1.147758505 1.366849055
YLR154C YLR154C::YLR154C::molecular_function unknown 1 0.757262311
1.436668037 0.772496733 1.733129177 1 0.867543775 0.994698736
1.300414352 1.314379322 1 0.89484598 0.79246657 1.02961917
1.143637361 1 0.637918286 0.435734818 0.345781702 0.992250734 1
1.014484974 0.740613865 0.982705529 1 0.754475897 0.790269947

0.54788269 0.62188234 0.879472066 1 1.014484617 1.230719349
 1.679172885 2.041671637 1 0.989614996 1.27848381
 1.248800801 1.199604884
 YKL162C YKL162C::YKL162C::molecular_function unknown 1 0.922049595
 0.953249914 0.74579924 1 1.080868276 1
 1.175982804 1.176217278 0.927626221 0.989622204 1 1.637048818
 1.629654217 1.653863706 1.023861916 1 0.951266268 0.94218596
 1.062452381 0.756871529 1 1.392876942 1.376938647 1.833196974
 2.403174497 1.804610279 1 0.938064511 0.617067794 0.805627988
 1.173843752 0.396871727 1 0.769045758 0.339153391 0.557601448
 0.285793421 0.678371548
 YLR156W YLR156W::YLR156W::molecular_function unknown 1 1.58100091
 1.194882283 1.575195675 1 1.233046932 1.340024299 1
 1.83113294 1.752379562 1.999477735 1.491213866 1 0.635546687
 0.744909732 0.875838283 0.61221028 1 0.743867023 0.841130892
 1 0.950327789 1.054825722 0.992751499 0.87767473 1
 0.825209595 1.036968847 0.954843099 1.111845988 1 1.000728453
 1.045558343 0.881167848 1.140673602 0.937793286
 YKL164C YKL164C::PIR1::Protein containing tandem internal repeats 1
 1.754999297 1.126916621 1.980466261 1 1.275205809 1.432017165
 1.7740274 1.619012122 1 1.178000336 1.205121181 1.197482273
 0.620787568 0.317407063 0.379794802 0.517735396
 1 1.035259831 0.856140093 1.01486601 0.959005031 1.118097848 1
 1.056792984 1.165495911 1.089701774 0.781395156 1.225110051 1
 1.641159438 3.215202664 1.296826134 1.583771764 1.298990701 1.306430994
 YKL178C YKL178C::STE3::The a factor receptor encoded by the STE3 gene allows
 yeast cells of the Alpha mating type to recognize cells of the a mating type 1
 0.79604107 0.5999396 0.639406817 0.603908467 1 0.774139941
 0.674317785 0.624205953 0.709999991 1 0.711582972 0.671290333
 0.445954505 0.494855363 1 0.991665766 1.262661584 2.060003317 1
 5.813040746 15.2562232 2.994245692 6.991110162 1 1.36864854
 0.978458445 1.47666885 1.609656355 1.298133616 1
 0.779217156 1 0.834628016 0.712796722 0.724375634
 0.655120742 1.139186823
 YKL180W "YKL180W::RPL17A::Homology to rat L17, human L17, and E. coli L22"
 1 1.05938217 1.060853089 0.755811601 1.509525197 1 0.913607097
 0.83602989 1.105261019 1.293400816 1 0.823977737 0.754574821
 0.650950661 0.890885557 1 0.754237138 0.415947484 0.260520511
 0.690775605 1 1.1433967 0.616732854 0.458429149 0.731027385 1
 1.336459213 0.998020657 1.197905303 1.257937722 1.390420258 1
 1.203185543 1.505053877 0.849930701 0.692881971 1.421653145 1
 0.946963491 1.196061127 0.654168772 1.483861015 0.62717928 1.088400659
 YKL182W "YKL182W::FAS1::pentafunctional enzyme consisting of the following
 domains : acetyl transferase, enoyl reductase, dehydratase and malonyl/palmityl
 transferase" 1 1.281094875 1.006954841 1.247492248 0.870146699 1
 1.312950883 1.29408708 0.966077978 0.970803633 1 1.325563935
 1.109072672 0.68703567 0.989132295 1 0.886444042 0.587272452
 0.659162413 0.518515644 1 0.432902526 0.271717006 0.163778784 1
 1.003268329 0.86233123 1.012573024 1.339217536 0.963098438 1
 0.739224328 0.714041671 0.625446157 0.694430311 0.493597946 1
 0.590483474 0.786468971 1.111514721 1.009700061 0.727575718 0.972818213
 YKL184W YKL184W::SPE1::Rate limiting step of polyamine biosynthesis pathway
 1 1.197637768 0.941990433 0.909663389 0.670129362 1 1.078708421
 1.128199575 0.705642067 0.656313315 1 1.393048204 1.003792193
 0.739605788 0.55856951 1 0.957810125 0.549263471 0.850487765
 0.434861371 1 0.571393097 0.48807888 0.367091683 0.458458447 1
 1.058684961 0.946248929 1.174380085 1.2287461 0.87359937 1

	0.973539125	0.839197858	0.764693961	0.972731247	0.701766248	1		
	0.795963748	0.663164744	0.788469592	0.747661358	0.590535262	0.882629006		
YKL186C	YKL186C::MTR2::mRNA transport regulator					0.736309614		
	1.060239551	0.887807957	1.167909977	0.766390844	0.898476496			
	1.064323368	0.790894614	0.846173613	1.103126311	1.111152506	1		
	0.609934322	0.609201641	0.916080426	1.238426547	1	1.00472314		
	1.591735856	2.549522271	1.358621093	1	1.007702518	0.967741627		
	0.864701724	0.840132925	1.066305643	1	1.273872898	1.784484247		
	1.072698357	1.536882898	2.40872314	1	1.00360026	1.013096895		
	1.320147442	0.987115607						
YKL188C	YKL188C::PXA2::Homolog of the human adrenoleukodystrophy transporter; forms a heterodimer with Pxa1p of two half ATP-binding cassette transporters in the peroxisome membrane					1	1.69515945	1
	1.588143529	1	1.530208089	1.870116901	2.01752716			
	1.456211497	0.476526615	0.648347032	0.767120977	0.715155454	1		
	1.971845597	3.889984059	3.732127302	1.679661932	1	1.103429182		
	1.245282644	1.233814835	1.439548698	1.373800178	0.636863069			
	1.120880951	0.681548391	0.629969521	1	0.864145132	1.148015861		
	1.060497696	1.328022362						
YKL202W	YKL202W::YKL202W::molecular_function unknown					1	1.093847931	
	1.504696547	1.110635743	1.790088038	1	1.088445692	1.171225331		
	1.430445776	1.885543545	1	1.091869282	1.504286181	1.686763963		
	1.385819057	0.906517363	0.607748425	0.578837415	0.771542725	1		
	1.33391689	1.454497944	1.503178568	1	0.935028053	0.944984827		
	0.64962955	1.062720373	1	0.892671314	0.865758452			
	1.121619942	1	0.958167474	0.763309109	1.204845715			
	1.291761655							
YDR300C	YDR300C::PRO1::catalyzes first step in proline biosynthesis					1		
	0.833826299	0.685911707	0.896784745	0.935624576	1	0.835961808		
	0.744680148	0.762890584	0.955067216	1	0.817393417	0.519058993		
	0.377441958	0.859264597	1	0.708512173	0.33905698	0.541505741		
	0.79503731	1	0.599118445	0.411954813	0.705337767	1		
	1.13300865	1.070917747	0.994447587	1.072578672	0.983444873	1		
	0.985266486	1.099874134	0.903159067	0.833043823	0.753488109	1		
	1.26511588	1.137009208	0.900965371	0.93839561	0.791546949	1.006967579		
YDR302W	YDR302W::GPI11::Glycosylphosphatidylinositol (GPI) assembly					1		
	1.811364982	1.537980518	1.345038374	1.811483735	1	1.354573698		
	1.230623023	1.709491031	1.63398616	1	1.218768332	1.091062856		
	1.311111468	1.222698812	1	0.790835409	0.484960776	0.428827765		
	1.218296087	1	1.333024482	1.230551572	1.145254799	1		
	1.308973715	1.167223373	0.855204699	1.029076671	1.009766941	1		
	0.911895895	1.177488472	0.902946651	0.68337272	1.048303664	1		
	1.034678491	1.0802457	0.884679171	1.400668281	1.049542393	1.534093225		
YDR304C	"YDR304C::CPR5::Cyclophilin D, Peptidyl-prolyl cis-trans isomerase D"					1	1.426069266	
	1.465298339	1.70915902	1.921581815	1	1.360251384	1.500454451		
	2.048507895	1.583056826	1	1.039944553	0.822367049	0.913088213		
	1.291101547	1	1.337524299	1.623950794	1.909448248	1.451820177	1	
	1.334727373	1.169202179	1.185513215	1.1063491	1.148758122	1		
	1.10724586	1.605014292	1.469866164	0.660853828	1.09056642	1		
	1.245464966	1.549529123	1.133816468	1.453990511	1.236844709	1.821297853		
YDR318W	YDR318W::MCM21::Involved in minichromosome maintenance					1		
	1.026719847	1.103261641	0.842768205	1.275131012	1	0.994838165		
	0.912553097	1.008071688	1.155092534	1	1.19978826	1.047225331		
	1.34545735	0.992119846	1	1.09149808	0.939770455	1.369770907		
	1.387281595	1	1.465627096	3.301433281	2.303652544	0.952804071	1	
	1.227031469	1.240223873	0.925547482	0.754160554	0.878969602	1		

1.092812563 1.238447503 1.386066993 1.024490542 1.327974145 1
1.318209027 1.531506547 1.179100058 1.468332423 1.68688779 1.571745042
YDR320C YDR320C::SWA2::auxilin-like protein 1 0.766168867 0.851161289
0.849942477 0.714383065 1 0.915180652 1.035299669 0.670818288
0.719293445 1 0.88490093 0.898993386 0.765976614 0.814773374 1
1.029032919 0.563591863 1.125319535 0.740468562 1 0.924423135
1.065916181 1.025612973 0.969734661 1 1.076155236 0.968990112
0.977815583 0.839899422 0.973674672 1 1.064501041 0.914420836
1.115683418 1.16574695 0.635595501 1 0.72049385 0.583177073
0.770876406 0.653008691 0.570575596 1.008718805
YLR158C YLR158C::ASP3-3::nitrogen catabolite-regulated cell-wall L-
asparaginase II 1 1.446698757 1.292540415 0.984578159 1.292387674 1
1.374157128 1.306637398 1.408518051 1.386468181 1 1.321797189
1.506251203 1.811992743 1.122874396 1 1.466638742 1.059874834
1.192391615 1.166964878 1 1.591424519 1.8054294 1.661494701
1.271775578

YDR322W YDR322W::MRPL35::Mitochondrial ribosomal protein MRPL35 (YmL35) 1
0.666359831 0.813115441 0.990639644 1.061266331 1 0.875685862
1.05183163 0.806419453 0.996421905 1 0.603692349 0.655346985
0.739788625 0.817010211 1 0.668550892 0.639322088 0.64637833
0.839481478 1 1.182232817 1.553024914 0.786127262 1.215129655 1
1.043759075 1.021862405 1.038692395 0.885674398 1.060285003 1
1.200515745 1.274516903 1.297017322 0.926329356 1.052994946 1
1.217787886 1.160134322 1.09420845 1.155724648 1.105983613 1.020101927
YLR160C YLR160C::ASP3-4::nitrogen catabolite-regulated cell-wall L-
asparaginase II 1 1.0478949 1.056679625 0.769647672 1.019183748 1
0.859072959 0.889267171 1.17048836 1.074518841 1 1.141827988
1.219836091 1.526026642 0.8905671 1 1.596043098 1.05485883
1.406649352 1.188456036 1 2.420152527 2.215440977 2.462600061
1.704087329 1 1.261569085 1.328114201 1.334749702 1.23174253
0.905014699 1 0.933982449 1.378842801 1.264167738 0.936732438
1.502237266 1 1.026863551 1.114329196 1.041727502 1.049794058
1.330072903
YDR324C YDR324C::UTP4::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA) 1 0.661057058 0.499387301 0.834873165 0.683385353 1
0.75907325 0.688637245 0.688589426 0.807652534 1 0.368651403
0.287695857 0.196663175 0.694421915 1 0.338973135 0.328427505
0.459954911 1 0.379237487 0.644194764 0.336396838 0.835445471 1
0.651737459 0.56503227 0.685569826 0.955915153 0.922517312 1
0.592197658 0.503450054 0.47809318 0.715000296 0.576297391 1
0.602019321 0.564729977 1.000333349 0.941946582 0.467724048 0.640081149
YLR162W YLR162W::YLR162W::molecular_function unknown 1 1.354127151
1.216649155 4.644747456 0.481923017 1 2.59962862 1.578404768
3.549937854 3.22620847 1 0.891518422 2.541404259 2.129675178
4.01337286 1 0.25866975 0.811854309 0.973633428 0.395206534 1
0.696256613 0.526261229 0.284970195 0.357083136 1 1.547947644
1.899086813 2.579334584 3.518659302 2.267482466 1 0.808182655
0.252276803 0.498331383 1.036896013 0.151040952 1 0.659883016
0.278587552 0.711322702 0.243281243 0.687907393 0.338866483
YDR326C YDR326C::YDR326C::molecular_function unknown 1 0.97959835
0.792900114 1.188044618 0.957292097 1 0.90362754 1.103474333
0.734807335 0.708545148 1 1.103950822 0.87622816 0.475448256
0.843990354 1 1.274854463 0.63687311 0.817157561 0.639201303
1.265449543 0.70895085 0.742675217 0.829483254 1 1.082395332
0.97212341 1.024536522 1.261525658 0.960955509 1 0.979080812

0.772929596 0.897209422 0.991524569 0.729466691 1 0.980118227
 0.930059236 1.211272569 0.965980647 0.85492012 0.775802844
 YKR061W YKR061W::KTR2::May be involved in extracellular matrix assembly;
 involved in N-linked glycosylation of cell wall mannoproteins 1
 0.765762533 0.755965925 0.829688745 0.890475285 1 0.75523093
 0.690264527 0.898620324 1 1.390735139 1.257531095 0.863837658
 1.059112969 1 1.416210314 1.085221452 1.247342104 1.748252224 1
 2.363695046 2.033512106 1.311148009 1 1.512135953 1.999866573
 1.8548949 0.967380086 1.135182515 1 2.15552005 3.587528479
 2.914873237 2.798465934 0.942718335 1 1.757852749 2.280536051
 1.180649674 0.989924829 0.810190017 1.074390646
 YDR328C YDR328C::SKP1::Involved in kinetochore function and ubiquitin-
 mediated proteolysis 1 0.788262587 1.173319167 1.038491902 1.048386608 1
 0.966611573 0.974352952 1.451503183 1.405013878 1 0.7769926
 1.139501334 1.537432632 1.319403786 1 1.261611091 1.038130924
 1.117490758 1.630214838 1 1.622397555 1.493432086 1.823845229
 1.237285448 1 1.153409032 1.631365299 1.776707811 1.373442932
 1.275664328 1 1.102632367 1.781100942 1.660576751 1.256746281
 1.130740447 1 1.144032498 1.183408013 1.381725487 1.13004419
 1.197877748 1.058629408
 YKR063C YKR063C::LAS1::May regulate expression of genes involved in bud
 formation and morphogenesis 1 1.056406624 1.109195901 1.151522451
 1.34472215 1 1.196577111 1.079251179 1.379712974 1.467678582 1
 1.516192376 1.933148347 1.784248993 1.59995764 1 1.515468422
 1.476049981 1.286569545 1.222474096 1 1.416825814 1.522295194
 1.472119674 1.019869816 1 0.997331765 0.978710177 0.923649086
 1.158046041 1 0.884226888 1.015099325 0.897897824 0.876876532 1
 0.83569031 1.224597261 1.037327375 0.775612325 0.813749312 1.163704293
 YDR342C YDR342C::HXT7::Hexose transporter 1 1.35502535 1.182825687
 1.743337155 1.228156887 1 1.616400796 1.920178722 1.082390022
 1.194364479 1 1.231116762 0.882575638 1.50828974 0.707204309 1
 6.579644918 2.986831116 4.502727889 3.584571456 1 3.646628441
 1.129204194 1.953534618 1.928065982 1 1.14901476 0.776413185
 1.337068168 1.190702289 1.148919205 1 0.774722011 0.339402991
 0.965844862 0.42254786 0.44209005 1 2.099120892 0.52102505
 0.942625537 1.345588987 3.997867002 0.666349844
 YKR065C YKR065C::YKR065C::molecular_function unknown 1 1.252897968
 1.021561923 0.940727034 1.06515858 1 0.914003868 0.91785513
 0.995735924 1.084687209 1 1.203490531 1.127991218 1.404305624
 0.997284846 1 1.403201309 1.333590837 1.356793432 1.782146094 1
 1.645370697 1.476593518 1.891569383 1.577560893 1 1.426399404
 1.34471139 1.282355249 1.054647668 0.933817509 1 1.255305153
 1.88407297 1.151664534 0.925347214 1.471054756 1 1.074262863
 1.455245331 0.868049867 1.156449194 0.981639422 1.642670665
 YKR067W YKR067W::GPT2::Encodes a Glycerol-3-phosphate acyltransferase
 0.953016124 0.858668781 0.675488608 1.063019209 1.179662269
 0.702527707 1.481721695 1.344358336 1.027169523 1.061224068 1
 1.374669776 1.313823092 1.4718949 0.754853708 1 1.731435926
 1.54557767 1.35238621 0.969427564 1 1.123016957 1.257655766
 1.215637818 1.029132858 1.102304619 1 1.014908101 0.873019892
 1.084364582 0.87573901 0.641845214 1 1.272493239 1.194502596
 1.002781951 0.695533116 1.240847397 0.865116491
 YKR069W YKR069W::MET1::Methionine metabolism 1 1.364994962
 1.309309931 0.880203644 1 1.021613472 1.406381648 1.239644978
 1.118398715 1 1.528098478 1.905748317 0.797631124 1.690163788
 0.699338874 1 1 1.073259869
 0.923671458 0.696087981 1.079321294 1.067322192 1 1.022954351

	0.837323943	0.9944449477	0.859406978	1	0.803837609	
	0.737632618	0.633955951	0.852101421	1.046370726		
YKL204W	YKL204W::EAP1::Translation initiation factor eIF-4E associated					
protein	1	0.664653182	1.062605066	0.664784646	0.64634259	1
	1.074644916	1.174721465	0.706302636	0.598921765	1	1.130024157
	1.18645562	1.225181364	0.662844496	1	1.213379561	1.087862017
	1	0.82994077	1.160384609	0.752461012	1	0.801693926
	0.875968121	0.582038316	0.639671386	0.838124399	1	1.105988758
	1.053485924	0.8302693	1.385115049	1	0.64517973	0.792260712
	0.848674721	0.561895985	1.015254368			
YKR071C	YKR071C::DRE2::Protein required for cell viability 1					
	0.88453829	0.729628831	0.83800942	1.158475895	1	0.924762705
	0.760177185	0.842565791	0.888616863	1	3.290057891	2.950891355
	0.775227371	1.865301276	1	3.109390943	1.412414349	1.08449683 1
	4.770847653	1.306714223	2.147183476	2.243415968	1	3.440863005
	4.0987088	2.970556896	1.592714648	1.329890486	1	3.076513136
	2.680217751	2.321800022	2.907335314	2.567067237	1	4.256101294
	3.305961089	3.671897473	1.920835233	1.283418623	1.542849457	
YKL206C	YKL206C::YKL206C::molecular_function unknown 1 1.314808791					
	1.348438255	1.041173344	1.391749687	1	1.093359606	1.069068189
	1.589175769	1.468673971	1	1.24429443	1.317258851	1.683679284
	1.174195532	1	1.030346935	0.849044114	1.027768529	1.411185469 1
	1.54265932		1.677623652	1.544220472	1	1.199789386 1.481702907
	1.231652687	1.027514226	1.013056893	1	0.954233394	1.259359722
	0.978992849	0.645229376	1.106888231	1	1.087918876	1.361900031
	0.929938836	1.293929268	0.901531357	1.178589866		
YKR085C	YKR085C::MRPL20::22.3 kDa mitochondrial ribosomal large subunit					
protein YmL20; homologous to L17 of E. coli	1	0.764234088	1.107895679			
	1.151151093	1.335455382	1	0.905035548	1.046326829	1.896854301
	1.708600652	1	0.818261356	1.017579351	1	0.556770792
	1.620185973	0.54195174	0.87042263	0.779991909		0.953483555
	0.883839967	1	1.437972385	1.207613155	1.417654773	0.975533437
	1.326458576	1	1.049983928	1.398819848	1.041888436	0.732555666
	1.149643821	1	1.291836361	1.722674187	0.875142398	1.099410551
	0.943479839	1.69608372				
YKL208W	YKL208W::CBT1::Subunit of complex involved in processing of the 3' end of cytochrome b pre-mRNA 1					
	0.903249738		1.262480957	1	0.831876221	0.974803746
	1.108806048	1.164251303	1	0.693804689	0.745774063	0.934240773
	1.338419331	1	2.359291816	5.218163473	4.113707096	2.154862089 1
	1.449324839	1.367482621	1.348584943	1.421160988	1.110119615	1
	0.987123404	1.452468737	1.035824284	0.892017725	0.988852482	1
	1.393010753	1.373863856	1.032415756	1.264142555	1.064186137	0.883504567
YKL210W	"YKL210W::UBA1::ubiquitin activating enzyme, similar to Uba2p" 1					
	0.68983021	0.629218489	0.998221289	0.580124371	1	0.776186391
	0.888696231	0.692026489	0.851812222	1	0.726306923	0.841667385
	0.675226808	0.880871119	1	1.557144125	1.66052543	2.094794404
	1.007376766	1	0.830860316	1.011534934	0.672735595	0.932608658 1
	1.155776717	1.02268531	1.608178932	1.160512534	0.960282746	1
	0.988417131	0.847238545	1.227162618	1.005471759	0.291643121	1
	0.734575195	0.773668379	0.89657201	0.563471196	0.609763348	0.705752939
YKL212W	"YKL212W::SAC1::Inactivation of Sac1p leads to specific increase in cellular levels of phosphatidylinositol 4-phosphate, accompanied by changes in vacuole morphology and accumulation of lipid droplets." 1					
	0.617672486	0.803824681	0.565400735	1	0.820434414	0.837156948
	0.666671426	0.664481922	1	0.703647457	0.638778837	0.435446112
	0.815676762	1	0.893548046	0.559114724	0.688481111	0.604382057 1

0.772539762 0.441106754 0.596602545 1.043197344 1 1.215359994
 0.912986977 1.008418874 1.616528977 1.034736584 1 0.919316912
 0.669021136 0.693282308 0.903031697 0.393468385 1 1.092982551
 0.774075228 1.056582909 0.759163653 0.645302225 0.643583653
 YKR001C YKR001C::VPS1::involved in vacuolar protein sorting and normal
 organization of intracellular membranes; probably required for membrane-protein
 retention in a late Golgi compartment 1 0.771883451 0.779056896
 0.964571261 0.709812063 1 0.98734882 1.014595469 0.793747918
 0.786312452 1 0.814512573 0.901813229 0.60700756 0.931552709 1
 1.679313373 1.284925445 1.279908137 1.131785452 1 1.357570622
 0.960058389 1.092350625 1 0.98722193 0.968072824 1.25333746
 1.044552169 1.000789238 1 0.981672954 0.78940002 1.016105174
 0.728628579 0.377842464 1 0.840366101 0.764896158 0.831753995
 0.650659436 0.632461884 0.726767905
 YKR003W YKR003W::OSH6::Oxysterol Binding Protein 1 0.7162065
 0.87933549 0.888205222 0.91311071 1 0.903836511 0.998221444
 0.981206164 0.905912064 1 0.81558983 1.076002044 1.010102856
 1.010964639 1 2.468320625 1.457230993 2.051864615 1.444610059 1
 1.749062422 1.792934668 1.578029999 1.909938629 1 1.153000209
 1.449296166 1.239676975 1.265648691 1 1.277777652 1.285868717
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 1.125444795 1.049839459 1.054644297 1.316938451
 YKR005C YKR005C::YKR005C::molecular_function unknown 1 1.212486681
 1.057542083 1.221190336 1.180195758 1 1.153222762 1.06194535
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 1.096085421 0.700829168 0.684024553 0.78218366 1
 1.797703361 1.734126357 1.545751433 0.9004549 0.694902751
 0.891107561 0.993233124 1 0.951788713 0.987391799
 1 0.883162504 0.773118256 0.859449816 0.738618902 0.93253961
 YKR007W YKR007W::YKR007W::molecular_function unknown 1 0.647008322
 1.205545434 0.883165909 1.27696431 1 0.748632189 0.94675125
 1.235824163 1 0.862703457 1.170535058 1.681297326 1.087687753 1
 1.214472878 0.787115331 0.712847405 1.384207388 1 1.779129952
 2.046936403 2.296246541 1.538820661 1 1.214186885 1.357654271
 1.365675467 0.822217323 1.273748915 1 1.636992419 1.67846163
 1.626445866 1.694979279 1.299344747 1 1.20563026 1.210005134
 1.23532782 1.085803301 1.071226014 1.58663072
 YKR009C YKR009C::FOX2::peroxisomal multifunctional beta-oxidation protein 1
 1.519506732 1.550407556 1.545115882 1.580567419 1 1.593109817
 1.785449723 1.753860638 1.556327085 1 1.866915521 1.948815737
 2.160400308 1.35897725 1 1.399558251 0.999107376 1.644291413
 1.488170753 1 1.124769775 2.044653228 2.044079861
 0.997462129 0.913958166 0.836549937 0.967615915 0.913812744 1
 0.869794062 0.975367151 1.038863799 1 0.642756198
 0.66626419 0.682691261 0.714973939 1.232878585
 YDR344C YDR344C::YDR344C::molecular_function unknown 1 1.237065471
 1.252166978 1 1.612109682 1.344335333 1
 1.470736455 1.855068213
 0.330623439 0.761221082 0.91027661 0.938592874
 0.933681465 0.855443562 1 0.726513948 0.70424111 0.854867578
 0.828305304 0.720813577 1 0.79245041 1.048214156
 1.077592185 0.603304945
 YDR346C YDR346C::SGI1::mutant Suppressor of Growth Inhibition by
 phosphorylated sphingoid bases 1 0.98527212 0.819230377 1.035324274
 1.234398172 1 1.019925956 0.912461091 0.86628322 1.059342966 1
 0.814238815 0.673495849 0.486956787 1.062096397 1 0.828731732
 0.591134148 0.528701329 0.90080378 1 0.853401438 0.594983317

0.595590137	0.827582969	1	1.100269283	0.975032382	1.267394184
0.972119806	0.973512138	1	1.182611409	1.151724345	0.973042092
0.952500599	1.55423988		0.979469899	1.242588621	0.995769888
1.496786814	0.774090273	0.971066988			
YDR346C	YDR346C::SGI1::mutant Suppressor of Growth Inhibition by phosphorylated sphingoid bases				
	1	1.876262352	1.817690401	1.770185625	
2.038032684	1	1.568867264	1.810162677	1.78569043	1.924805614
1.470628891	1.635302005	1.938825445	1.533546589		
0.720857038				1	1.006052945
0.872428763	1.035344214	0.878175475	1.169020747	1	1.216087808
0.970725773	1.031174334	0.800375966	0.759054682	1	0.847377371
0.761933313	1.098626714	1.009707739			
YDR348C	YDR348C::YDR348C::molecular_function unknown				
	1	1.675744093			
1.544018318	2.000800341	2.01789078	1	1.510276699	1.407931733
1.370110888	1	1.788108804	1.656085689	1.505869172	0.982625723
0.854132103	1.108327625	0.791156865	0.857357338	1	1.439506452
1.529597393		1.699118312	1	1.269778797	1.209801533
0.987436764	1.434986352	0.823086558			
YDR350C	YDR350C::TCM10::Product of gene unknown				
	1	0.77027303			
0.826830069	1.051793617	0.748025144	1	0.938932472	1.032366577
0.935773738	0.827920263	1	0.953331393	0.997365506	0.756826583
0.932070374	1	0.69875776	0.510338683	0.519742276	0.90425409
1.729029162	1.483881179	1.377955858	1	1.148516329	1.130799705
1.210566737	1.036701169	1.099373736	1	1.009215894	0.802265894
1.075093247	0.872772112	0.915506326	1	0.993253108	0.707996657
0.850181771	0.692542977	1.504775707	0.873872775		
YDR352W	YDR352W::YDR352W::molecular_function unknown				
	1	1.382043982			
1.446742921	1.759297159	1.158718273	1	1.631105899	1.487564982
1.09514346	1.149247594	1	1.416708115	1.339198842	0.949237572
1.378791482					
1.090258609	1.102794879	1.412477744	1.106470322	1.036471043	1
0.978067223	0.955804091	0.903846503	0.771982467	0.62396342	1
1.210437511	1.0746801	1.177106285	0.894228042	0.934078018	0.817832829
YKR087C	YKR087C::YKR087C::molecular_function unknown				
	1	1.051182365			
1.199544987	0.945752071	1.03891075	1	1.091054497	0.912755445
1.026432496	1.068807998	1	0.90419388	0.882098209	2.057623689
0.779682649	0.85160516		0.619721829	0.844433617	1
1.597567757	1.427868249	1.658300156	1.063691863	1	0.965098562
0.869229853	0.884665017	0.836995684	0.998174953	1	0.883753563
0.772554647	0.721094995	0.869891436	1.102205995	1	0.960851685
1.016440026	1.040054728	1.2393734	1.054763144	1.191724213	
YDR366C	YDR366C::YDR366C::molecular_function unknown				
	1	1.277599996			
1.568878632	1.203956138	1.713239994	1	1.125576678	0.936655261
1.737740249	1.417703914	1	1.327437825	1.364384053	1.955168564
1.194140715	1	0.984646565	0.907275134	0.83066758	0.851457801
0.854263257	2.146830015	0.898501435	0.783567147	1	0.510966203
0.56560357	0.519268214	0.510693993	0.765947732	1	0.816572383
2.126856222	2.096062952	3.20338753	3.557198312	1	1.078249662
2.065644748	1.640254435	2.482277404	1.504389006	1.792402268	
YKR089C	YKR089C::YKR089C::molecular_function unknown				
	1	1.058866409			
0.94659202	0.803400568	1	0.985470644	0.981428663	
0.793498843	1	1.292248417	1.022161338	0.935468434	0.977991276
1.150364922					1
1.027677273	0.910429702	1.038385843	0.944887983	0.998423601	1
0.907663715	0.9800399	1.027610347	0.607591449	0.938514331	1
0.984855271	1.080022663	0.831554673	0.931368469	0.846188789	1.235505476

YDR368W YDR368W::YPR1::homologous to the aldo-keto reductase protein family
1.148790806 0.929275471 1.005213242 0.894777641
0.855937117 0.960888693 0.8006918 0.980426858 1.088635757
1 0.990626674
0.765478978 1.261889713 0.901561207 0.886948938 1 1.21967692
0.795924578 1.078564272 1 1.098379097 0.901813631 0.721014914
1.198245602

YKR091W YKR091W::SRL3::Suppressor of Rad53 null Lethality 1
0.734801313 1.038465722 0.940311923 1.029583639 1 1.15188077
1.095074995 0.931674355 0.946557749 1 0.826987168 1.22278608
0.786170338 0.304517004 0.731542788 0.815536765 1
1.841358413 1 0.882286967 0.932932815 0.871141146
1.03527694 1 0.944974783 1.200951044 1.287631118 1.20006572
1.588687553 1 0.839928175 0.852586778 0.977803288 0.924163431
1.085334678 0.98770389

YDR370C YDR370C::YDR370C::molecular_function unknown 1 0.87989875
0.802941498 0.927204312 1.041306552 1 0.898848038 0.874573482
1.096417079 1.016683533 1 0.61241269 0.677796616 0.637215702
0.912118112 1 0.926975761 0.826604074 1.454625385 1
1.381762047 1.78572213 1.261511135 1.293263389 1 0.810838081
0.762909493 0.650782242 0.731185512 1.014929768 1 0.708022743
0.838224425 0.677261238 0.870027181 1.142399924 1 0.873630481
0.937320953 1.050683057 1.536283429

YKR093W YKR093W::PTR2::Functions in transport of small peptides into the
cell 1 1.144002587 0.774628381 1.089266585 0.738370084 1 1.210632453
1.197283372 0.906597682 1 1.420257032 1.108699545 1.224891528
0.913791026 1 0.622592429 0.519546334 1
0.185765903 1 0.634862596 0.449895431 0.976894011 1.165656862
0.677174154 1 0.548870028 0.388803353 0.681490364 0.786717013
0.287086201 1 0.612283211 0.403332492 0.918845686 0.551756283
0.922273072 0.412418892

YDR372C YDR372C::VPS74 1.169722635 1.21853532 0.910170856
0.989164742 0.908361938 0.992410037 0.95900611 0.855998694
0.991080804 1.189600196 0.737178738 0.797673397 1
1.037406226 0.785102039 0.730465688
0.920107696 0.989405685 1 0.884860298 1.282330234 0.754229786
0.920803793 1.478067465 1 0.890920395 1.237097193 0.979968974
1.917009969 1.099553548 1.346709701

YKR095W YKR095W::MLP1::involved in translocation of macromolecules between
the nucleoplasm and the NPC 1.078607396 0.805144346
0.821487606 0.935464624 0.877700078 0.982619114
1.310866258 1
0.981856649 0.873358438 1.163207312 1.047127448 1.088457921 1
0.785838887 1.154836826 0.642375095 0.788138049 0.745217532 1
0.790245042 1.279966058 0.985473203 0.644266169 0.847015984 1.147943055

YKR095W YKR095W::MLP1::involved in translocation of macromolecules between
the nucleoplasm and the NPC
0.48962527
0.579979498 3.082196463

YDR374C YDR374C::YDR374C::molecular_function unknown 1 1.542299394
1.566974276 1.714398704 1 1.618791315 1.821628075 1
1.334563726 1.486193462 1.48175699 1.598684374
1 1.225294317 1.33080921
1.161905734 1.124701507 1 1.125796121 1.209357644 1.105524901
0.974174424 0.979382562 1.121504399 0.934438024
0.905850308 1.166331183

YLL003w YLL003w::SFI1::Product of gene unknown 1 0.81344673
0.744032457 0.869480031 0.866810654 1 0.941472598 0.95447695
0.986730295 0.727985836 1 0.79759946 1.047683961 0.701536306
1.234492424 1 0.691986587 0.66503354 0.626036265 0.659460098 1
1.885444595 2.669298823 1 0.67858973 0.701426965
0.661656001 0.755125911 1 1.335061716 1.405592973 1.138960282
1.330072778 1.010543383 1 0.949258776 1.240902084 0.919283016
0.750790356 0.879083816 0.93253961
YLL005C YLL005C::SPO75::Sporulation 1 0.944169736 0.728744226
0.895652828 0.862586798 1 0.80962996 0.771079543 0.760818732
0.798444332 1 0.903880376 0.877711096 0.922519813 0.930716
1.191027935 0.303310401 1
0.933798374 1.036471015 1.443908584 1.103576398 1.143655225 1
0.749066809 0.812463059 0.889012013 0.782181832 0.472404424 1
0.851438175 0.818692333 0.982452768 0.540927497 0.973897762 1.046370726
YLL007C YLL007C::YLL007C::molecular_function unknown 1 1.172094754
1.019783128 1.026025165 1.093364708 1 0.868073664 1.142488248
1.040943523 1 1.182370123 1.087652538 1.090399862 1
1.057434073 1.13568103 1.017910835 1.450526602 1 1.783865711
2.744829777 2.431247254 1.441581254 1 1.031568019 0.890335609
1.080791212 0.964865643 1.009762101 1 0.95630824 1.056281159
0.855581728 0.817425214 1.044878847 1 0.914305914 1.281203372
0.919803618 0.83781701 0.879178095 1.281037964
YKR011C YKR011C::TOS5::molecular_function unknown 1 0.734235589
1.271895937 0.820259534 1.11916983 1 0.857595729 0.97704541
1.206257906 1.08582446 1 1.416690191 1.810889395 1.864640731
1.003080506 1 1.258897789 1.144311869 1.322474934 1.690480817 1
2.343959513 4.09622829 5.09098179 1.236400139 1 1.570025346
2.456206803 1.822171671 0.879618487 1.332798508 1 2.680467887
2.931236501 2.499172809 1.279199782 0.972655676 1 2.39951353
2.359618525 1.353905921 1.248931285 1.714242991 1.677695592
YLL009c YLL009c::COX17::Involved in copper metabolism and assembly of
cytochrome oxidase 1 0.592864075 1.196239581 0.876758275 1.557637786 1
0.664384577 0.870124693 1.338162181 1 0.791311349 1.19925036
1.848303852 0.944082122 1 1.24512497 1.066067888 1.158577564
1.982764983 1 2.384586341 3.676728745 3.389932787 1.912426672 1
0.878454257 1.389416849 0.619894869 0.462500177 0.88922027 1
1.639948962 3.25511557 1.6640654 1.700214415 3.289116994 1
1.019016697 2.516681729 1.344912398 2.309712498 4.005191583 1.338829134
YKR025W YKR025W::RPC37::RNA Polymerase C (III) 37 kDa subunit; interacts
with C53 subunit. C37 is an RNA polymerase III specific subunit. 1
1.088377707 0.919297005 0.852226587 1.093413112 1 0.816002226
0.756079173 1.034006241 1.075024624 1 0.738592767 0.625668174
0.789826643 0.992069831 1 0.477440697 0.60090521 0.296646329
0.687500584 1 0.903300849 0.758369861 0.983050968 1
0.886725661 0.913134956 0.688854413 0.791021102 1.006324647 1
0.975057764 1.128967822 0.977010228 1.087931384 1.533482002 1
0.874582126 0.971990964 0.901141697 1.206904857 0.633113605 1.302052878
YLL011w YLL011w::SOF1::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA); 56 kDa nucleolar snRNP protein that shows homology to beta
subunits of G-proteins and the splicing factor Prp4 1.031818505
0.94066364 1.142745162 1.157141398 0.903203078 0.891886158
1.444228244 1.400099374 0.600404731 0.466453212 0.466257821
1.291286497 1 0.164687417 0.152600548 0.230857479 0.545729776 1
0.434954215 0.499306641 0.438459644 0.863295118 1 0.632458093
0.513184641 0.542079213 0.673437295 0.837275301 1 0.63210192

0.803001846 0.531521772 0.977951397 1.13103811 1 0.519883563
 0.822089712 0.948709472 0.960412765 0.531118954 0.823086558
 YKR027W YKR027W::YKR027W::molecular_function unknown 1 0.905484864
 0.909188935 0.712818561 1 1.030126887 0.953159121 0.673834723
 0.629121588 1 0.797080508 0.835902611 1.132921352
 1.505898516 0.856260935 1.094743905 1
 0.864607789 1.080844599 1.105349326 1.077800946 1.116308328 1
 1.008940528 0.948678505 1.331003291 1.070607875 0.75976347 1
 1.115067969 0.982017042 1.082283991 0.814282625 0.559523735
 YKR029C YKR029C::SET3 0.769554375 0.982799906 1.068055141
 0.937103459 1.054446696 1.040781808 0.924719768 1.069351926
 0.944201361 1.310866258 1 0.864258906 1.293636516 1
 2.439715554 1.711742587 1.3901856 1.066487036 1 0.942668206
 1.049150361 1.038826794 0.861318744 1.072431987 1 1.149148297
 1.442282657 1.261117817 1.171495642 1.322680992 1 1.110276887
 1.438133685 1.00385035 0.81956045 0.931052038 1.021853256
 YKR031C "YKR031C::SPO14::Catalyzes the hydrolysis of phosphatidylcholine,
 producing choline and phosphatidic acid. Dispensable for mitosis, premeiotic DNA
 synthesis, recombination, meiosis I. Required for commitment to meiosis, meiosis
 II and sporulation." 1 1.3847993 1.09504791 1.129590822 1.113900679 1
 1.267713377 1.317679115 1.207824921 1.075686677 1 1.202113289
 1.12211543 1.337995925 1 1.763401161 1.053833969 1.10242847 1
 1.395954161 1.317538609 1.526031261 0.960941771 0.901072554
 0.93051025 0.873569077 0.956872 1 1.690850368
 2.243359165 1 1.410994767 1.069307176 0.493621621
 1.052671324 1.540222567
 YKR033C YKR033C::YKR033C::molecular_function unknown
 0.89397216 1.004422216 1.00830975
 0.39183144 0.537741913
 0.427674308 0.134804614 1 1.065435184 1.128777824 1.029956129
 0.838959922 0.938593944 0.742282382 1.38063635 1
 1.352999283 1.55627146 1.208693447
 YKR035C YKR035C::YKR035C::molecular_function unknown 1 0.782814484
 0.941113893 0.886554183 0.920780577 1 0.693657007 0.752388272
 0.961633309 1 0.929401682 1.044701115 1.063613654 1.070506221 1
 1.292094144 0.924446045 1.024775431 1.246605905 1 1.869776168
 1.275840494 1.801981064 1.958161525 1 0.967830077 1.23606283
 0.920258679 0.677337271 1.019108359 1 1.304569069 1.932824743
 1.392159217 1.276283172 2.007914663 1 1.505355251 1.660743799
 1.192683455 1.119977081 1.342482408 1.633914433
 YLR164W YLR164W::YLR164W::molecular_function unknown 1 1.183438956
 1.296369283 0.942162073 1.022495962 1 0.900821014 0.921641655
 1.195744305 1.123990335 1 1.372426755 1.437410137 2.408132784
 1.067323809 1 1.670601529 0.958370089 1.52387011 1.67820669 1
 1.124312065 1.368540996 1.346583638 0.534009155 1 1.010300132
 1.289077474 1.505775536 1.348753356 1.075518686 1 1.298341101
 1.445642427 1.617026294 1 1.372052604 1.415096408
 1.261724797 1.026609731 1.734535053 1.191724213
 YLR166C "YLR166C::SEC10::100 kD component of the Exocyst complex; required
 for exocytosis. The Exocyst complex contains the gene products encoded by SEC3,
 SEC5, SEC6, SEC8, SEC10, SEC15 and EXO70." 1 0.596472607 0.626588396
 0.765752969 0.66562411 1 0.745794705 0.736687229 0.726572883
 0.583464145 1 0.614432662 0.674950357 0.452583577 0.76133068 1
 1.015205375 1.028314867 0.848677711 0.783871491
 0.439789753 0.837093159 1 0.982065417 1.126599357 1.085216055
 1.037802344 1 0.954267245 1.055924052 1.19978961 0.880421926

1.047215976 1 1.235873829 1.132702824 1.37399905 1.240535831
0.867743381
YLR168C YLR168C::YLR168C::not yet annotated 1 0.767015616 1.174004721
0.853060644 1.314624789 1 0.93216791 1.036769593 1.278478626
1.147224078 1 0.644949065 0.700139083 1.024730527 0.842825781 1
0.888495218 0.71555943 0.703324676 1.474632972 1 1.554403963
1.11373744 1.825331816 1.896821402 1 0.689670616 0.70279995
0.623955776 0.72519325 1.06683643 1 0.643428522 0.612567371
0.722039542 1.358327893 1 0.686475904 0.833343271 0.693476768
1.573684843 1.082271213
YDR376W YDR376W::ARH1::adrenodoxin oxidoreductase homolog 1
1.122368802 1.063366125 1.315859976 1.004488968 1 1.230970221
1.265645351 1.24183927 1.187342392 1 1.000356521 1.117428163
1.018764433 1.200148581 0.97352894 0.83167534 0.917324427
0.912466687 0.783867692 1 0.779477289 1.000734945
1.038683755 1.081894683 1.02378196 1 0.895227983 0.899194397
1.045905948 1.069722914 0.824509323 1 1.107604887 1.016505307
1.104347604 0.985538941 1.028363388 0.992957567
YDR390C YDR390C::UBA2::Protein with homology to mammalian ubiquitin
activating (E1) enzyme 1 1.104492632 1.028144949 1.183128349 1.094860571 1
1.337217543 1.26532583 1.084118062 0.964966556 1 1.049342519
0.984345567 0.616207855 1.285494736 1
0.371573901 1 0.840061982 0.682844098
0.851302651 0.830988243 1 0.823751639 0.630334153 0.466755132
0.84940794 0.893828144 1 0.920140488 0.866100373 0.982231371
0.961128824 1.202458347 0.858987149
YBR231C YBR231C::AOR1::Actin Overexpression Resistant 1 1.273471248
1.595115042 1.192013421 1.161407042 1 1.394504202 1.39875379
1.450984387 1.433950373 1 1.245270194 1.614606826 1.775739138
1.195272041 0.881388077 0.829523556 1 0.829150307
1.202122547 1 0.936469217 1.160378204 1.377860193
1.048431875 1.010370734 1 1.101669067 1.197572483 1.362135975
1.366613331 1.067582082 1 1.076847599 1.010278872 0.937296058
0.699551914 0.869494607
YDR392W YDR392W::SPT3::Transcription factor 1 0.70017331 0.939682066
0.915480625 0.934671109 1 0.780206316 0.836137393 1.072731781
1.032545942 1 0.828643919 0.964479877 1.007959875 0.989198896 1
1.273345853 1.33378563 1.19526759 1.665433315 1 1.718674104
1.712534251 1.417522991 0.823156984 1 0.971496081 1.093004737
0.882350251 0.759149423 1.087327797 1 1.601361325 2.050209177
1.701495687 1.437131575 2.577565869 1 1.220659993 1.400347589
1.114268155 1.365901899 1.420736802 1.506948866
YBR233W YBR233W::PBP2::Overexpression confers resistance to the antimalarial
drug mefloquine 1 0.958544621 1.154556274 1.120309053 0.977372176 1
1.118096711 1.160558206 0.930699064 1 1.157811614 1.133934022
0.991660943 0.977392143 1 0.902365785 0.802106195 1
1.282626981 1.303142796 1.233221912 1.518414407 1 1.054788282
1.047307133 1.063866522 0.761077431 1.054125625 1 0.995712763
1.045867343 1.566851933 1.096550865 1 1.120364861 1.09932451
1.152131652 0.978025626 1.272168605 0.866867768
YDR394W YDR394W::RPT3::probable 26S protease subunit and member of the
CDC48/PAS1/SEC18 family of ATPases 1 0.790154484 0.925002094 1.048645823
0.885810389 1 0.965651731 1.050249275 0.952313753 0.854186941 1
0.964903108 1.182997992 1.094860543 0.934293284 1 1.430401773
1.471984641 2.021602976 1.335748653 1 1.085336038 0.91517125
1.459300716 1.060907142 1 1.17411601 1.417556296 1.400857265
0.89654441 1.014396162 1 1.270011939 1.20621033 1.27727118

	0.907437945	0.829085194	1	1.165967099	1.080135304	0.942695997		
	0.763423458	1.053129512	0.931663945					
YBR235W	YBR235W::YBR235W::molecular_function unknown						1	1.568144975
	1.115225193	1.949986584	1.0417237	1	1.657102913	1.54427267		
	1.079572582	1.125778908	1	1.681116394	1.451757184	0.824477624		
	1.43302848	1	0.904656469		0.942676052	0.650744349	1	
	0.936139005	1.255509322		1	1.181846631	1.092746047		
	1.177896759	1.375479916	1.000204591	1	0.808713196	0.575334999		
	1.16165621	0.794097485	0.469168098	1	0.892405796	0.777401192		
	0.920658984	0.725668986	0.827505851	0.714509171				
YDR396W	YDR396W::YDR396W::molecular_function unknown						1	1.194618492
	1.481574813	1.188752722	2.024523783	1	1.168950908	1.098541214		
	1.702898264	1.705615319	1	1.002623584	1.04954064	1.647272702		
	1.457131835	1	0.926414554	0.840695089	0.646252968	1.057819454	1	
	2.437577246	1.357371756		1	0.787806187	0.892218111	0.616758482	
	0.561043071	0.854556513	1	1.019152909	1.440334018	1.587906284		
	1.257128388	2.180113165	1	1.055932946	1.296256421	1.037945934		
	1.610959802	1.267144912	1.617277531					
YBR237W	YBR237W::PRP5::RNA helicase homolog						1	1.313621736
	1.63655623	1.273054436	1	1.396569617	1.20422767	1.122839141	1	
	1.052858394	1.497753605	1.015720597	1.344990874	1	0.775032735		
	1	1.104033615		1	0.893780497	0.998894013		
	0.974990655	0.84121381	1.100289255	1	1.085200845	0.903313209		
	1.270763894	1.214805496	1.09063155	1	0.970454931	0.908505529		
	1.175895606	0.935691616	1.299156976	0.983325775				
YDR398W	YDR398W::UTP5::part of small (ribosomal) subunit (SSU) processosome (contains U3 snoRNA)						1	0.748180725
	0.753792129	0.753864528	0.891556879	1.005729481	1	0.4474682		
	0.30191915	0.257412572	0.977716731	1	0.232545304	0.159459548		
	0.474632429	1	0.366877645	0.264468536		0.53808948	1	
	0.60670417	0.485460522	0.713793452	0.93328041	0.79290549	1		
	0.58090413	0.563461256	0.500181534	0.853519516	0.645529112	1		
	0.494045379	0.495849141	0.801876391	0.817002923	0.408889601	0.695245482		
YBR239C	YBR239C::YBR239C::molecular_function unknown						1	1.20062525
	1.208978812	1.247835832	1.196565371	1	1.342178339	1.292294674		
	0.964699726	1	1.294809094	1.05359988	0.781306985	1.059871224		
	1.0470555	0.942379127	0.982302165		0.537845168			
	1	0.894931568	0.879803393	0.766905294	0.821869727	0.863642548	1	
	0.906661707	0.688092993	0.96243097	0.981423808	0.964124271	1		
	0.737758327	0.762526413	1.028890499	0.920310926	0.859559247	0.605056171		
YDR400W	YDR400W::URH1::uridine nucleosidase (uridine ribohydrolase); EC 3.2.2.3						1	1.263611646
	1.044442087	1.084574769	0.99620775	1.056858914	1	0.964830734		
	0.75316632	0.688806448	1.281538949	1	0.718353638	0.493796622		
	0.512355692	0.893085273		1.066376982		0.874733327	0.834918919	
	0.933169483	0.796898556	0.846302258	1.234961737	0.950182622	1		
	0.862372285	0.856082511	0.734873899	0.952321253	0.984295538	1		
	0.915027555	0.832511997	0.876424399	1.202727791	0.963733735	0.84847964		
YBR241C	YBR241C::YBR241C::molecular_function unknown						1	1.132107511
	1.072799758	1.065949219	0.736791525	1	1.321265989	1.424617834		
	0.756214754	0.966707759	1	1.612116339	2.032603406	1.81467275		
	1.075737545	1	1.676816525	1.747895645	1.690248084	1.353996597	1	
	1.069420375	1.628783546	0.803448203		0.854804504	0.773136816		
		0.911899025	1		1.556209205	1.565673205	0.658365936	
	0.988560125	0.931584815	1.189710465		0.930555349	0.87299711		
YDR414C	YDR414C::ERD1::Protein required for retention of luminal ER proteins						1	0.937824941
	1	1.174831869	0.907807107	0.874840312	1.15231845	1		

0.927021855	0.896453237	0.871615608	1	1.114796753	0.769759697
0.697373482	0.751527381	1	0.767603845	0.822962984	1.022215549
0.98443182	1	0.797841429	0.889346516	0.941358614	0.841628573
0.992720499	0.944544414	1.018039001	1.067112163	0.846081409	1
0.791338438	0.833887133	0.680182517	0.577875176	0.954743968	1
0.851566247	0.878283998	0.890035857	0.91114497	0.963348751	0.80732532
YBR255W	YBR255W::YBR255W::molecular_function	unknown	1	1.07045372	
1.109491857	1.155018191	0.928092869	1	1.187168245	1.367282365
0.992114049	0.865383734	1	1.364238441	1.284494101	1.077199637
1.098539517	1	1.026697458	1.027951394	1.193755745	0.886919873
0.490472972	0.642227136	0.493578566	0.398965694	1	1.065267546
1.177738805	0.977382938	0.886462652	1.028298457	1	1.204179521
1.177706788	1.369159277	1.34862057	1.19619244	1	1.151258582
1.222001891	1.269988642	0.898833212	1.309576113	0.783683463	
YDR416W	YDR416W::SYF1::SYnthetic lethal with cdcForty	1	0.971156406		
0.852395352	1.200888812	0.831675342	1	1.068624236	1.138408536
0.814005484	0.916320128	1	0.945530697	0.921275914	0.761801886
0.967389531	1				1
0.99288817	1.053017356	1.141540302	1.154529397	1.196738033	1
1.102015854	0.776024696	0.953166662	1.238323908	0.870519468	1
0.748022679	0.937226086	0.83081297	0.701374823		
YBR257W	YBR257W::POP4::Required for normal 5.8S rRNA processing and for tRNA processing; associated with RNase MRP and RNase P	1	1.023876207		
1.189167821	1.228808693	1.619396052	1	1.071535006	1.084001975
1.275575254	1.306428778	1	0.944201892	1.112562701	1.133922071
1.239193656	1	0.839573383	0.872208103	1.437369823	1
1.861937428	2.563628638	1.697743806	1.453429988	1	0.715526108
0.49532901	0.844013616	1	0.994615352	0.726917169	0.836224202
1.533017618	0.819255014	0.841707533	1.043588709		
1.299425988					
YDR418W	YDR418W::RPL12B::Homology to rat L12(a) and E. coli L11				
1.067525809	1.043157298	0.969432564	1.071971083	0.832980892	
0.89953289	0.746286229	0.919156092	0.837861831	0.801791997	
0.503359429				1	
0.554843255	0.571796662	0.617118225	1.178203936	1	1.635022098
2.032182809	1.544514043	1.161810642	1.857413205	1	1.174040442
1.31150071	1.001562228	1.719897329	1.171621051	1.226749244	
YBR259W	YBR259W::YBR259W::molecular_function	unknown	1	1.20474671	
1.347594731	1.290825609	1.54673078	1	1.259365944	1.177128127
1.419971582	1.399455385	1	1.135309067	1.197448719	1.433442606
1.303754953	1	1.010344318	0.6521319	0.823582233	1.218128292
1.264528609	1.646394486	1.235104788	0.855236923	1	0.893805244
0.944964418	0.634913111	0.73876612	0.838091605	1	1.00965171
1.163647805	1.027510415	0.752550645	1.36466373	1	1.061087282
1.555195405	1.068188434	1.639922752	1.172749237	1.070888195	
YBR261C	YBR261C::YBR261C::molecular_function	unknown	1	1.298418096	
1.530345759	1.260371409	1.464811561	1	1.223253188	1.205223696
1.478409078	1	1.425989705	1.585655299	1.267247462	1.449495642
1.304216886	1.162472983	1.310741383	0.869616137	1	1.035286674
0.803808046	0.483966748	0.664243807	1	1.131251555	1.233222529
1.053927064	1.271213146	0.972435687	1	1.062224065	1.305586261
1.327578927	1.460219032	1.317041891	1	0.820607072	0.876517665
0.942480348	0.817727329	0.803411282	0.690867314		
YDR420W	YDR420W::HKR1::cell surface protein that may regulate cell wall beta-glucan synthesis and bud site selection; Hanenula mrakii killer toxin-resistance protein	1	1.031715986	0.823895512	1.137747123
1.129795074	1.236006992	0.639789476	0.623127379	1	1.086766227

0.88274426	0.560357337	0.764696932	1		0.280793549
		1	0.95376212	0.876873651	0.954102541
1.266040397	0.825655695	1	0.768018682	0.75746489	0.522443855
0.767591696	0.593184715	1	0.848774217	0.754281307	1.081979373
0.65259094	0.824536382	0.816957217			
YDR422C	YDR422C::SIP1::SNF1 protein kinase substrate	1			1.779906975
1.553362922	1.596686174	1.454300826	1	1.428803554	1.477130962
1.868734099	1	1.228071926	1.373393821	1.823780873	1.537300912
				1	0.928473563
0.995541912		0.97724415	1	1.177700102	0.943730324
0.842923823	1.182033884		0.720398988	0.887359476	0.912354625
0.525648076	1.423479135	0.867743381			
YBR263W	"YBR263W::SHM1::Serine hydroxymethyltransferase, mitochondrial"				1
1.16334434	0.876550883	1.243146121	0.932923014	1	1.204320759
1.250248223	0.768927151	0.991525748	1	1.218891436	1.097348854
0.674585974	1.11733774	1	0.771428151	0.576234981	0.51123258
0.774712321	1.06521283	0.676522516	0.447058983	1.037125832	1
0.933771572	0.803136298	0.877940117	1.280645581	0.717663676	1
0.883763232	0.512180801	0.788482761	0.832440558	0.44367866	1
0.810016028	0.566776997	0.785572162	0.535499954	0.571566434	0.654966775
YDR424C	YDR424C::DYN2::putative light chain of dynein	1			1.352526941
1.170156335	1.365021085	1.159189897	1	1.36993076	1.428226049
1.226917926	1.065481818	1	1.091331736	1.036363939	0.741875265
1.323275861	1	1.024010409	0.873508124	1	
0.592618566		1	1.005054274	0.834205911	0.822840367
0.830841894	0.973186525	1	0.869636504	1.016771108	0.673604507
0.924385709	0.829431547	1	0.996168404	0.913443069	1.095577896
1.121963644	0.925786865	0.841474686			
YBR265W	YBR265W::TSC10::catalyzes the second step in the synthesis of phytosphingosine	1			1.668767089
1.649513096	1.514015269	1.169547803	1.620702572	1	1.093118871
1.143367301	1.341674838	1.343181427	1	0.638977246	0.497958274
0.697214069	1	0.754530734	1.156388538	1	1.090144558
0.905197239	1.139916318	0.907342687	1	0.848561751	0.759688887
0.731803478	0.746182129	0.831864837	1	0.945630747	0.964368349
1.106005583	1.116092667	1.225873579			
YDR438W	YDR438W::YDR438W::molecular_function unknown	1			1.379228691
1.07657246	1.084329662	1.014373528	1	1.002665383	1.073744847
1.115398794	1.143472733	1	1.014928889	0.870784408	1.229086776
0.969458851	1	1.246361334	0.497110958	1.454756137	1
1.429637206	1.847009583	1.331203144	1.151567812	1	1.153368359
1.148648254	1.08682026	1.193483002	0.948813728	1	0.854707407
0.836744744	0.909711309	0.701733234	1.168001089		0.822663798
0.881652973	0.79244515	0.861692934	1.027022547	0.871245884	
YBR279W	"YBR279W::PAF1::RNA polymerase II-associated, nuclear protein that may serve as both a positive and negative regulator of a subset of genes, perhaps operating in parallel with Gal11p"	1			1.793289118
2.116536603	1.866798321	1	2.421775187	1.809941385	1.874081061
2.116888177	1	2.960308319	3.080991493	2.282890764	1.537797967
				1	0.998116221
0.922477742		0.849829069	1	1.016447024	1.100812991
1.180838828	1.247995534	0.815470134	1		0.807600253
0.743807675	1.267027951				
YDR440W	YDR440W::DOT1::involved in meiosis and transcriptional silencing				1
1.219852449	1.119822401	1.300656034	1.238885902	1	1.120413839
1.10848357	1.288185068	1	1.008733635	1.085691498	1.153394059
1.123102616	1	1.273865386	0.992713459	1	

	1	1.11574612	0.953813281	0.825310301	0.88363379	1.126733056	1
	0.924579178	1.322021854	0.779388626	0.883251485	1.10498285	1	
	1.017092451	1.03936669	0.928325819	1.377956609	1.062901647	1.020977592	
YBR281C	YBR281C::YBR281C::molecular_function	unknown	1	1.255479796			
	1.138970079	1.501515977	1.017308509	1	1.572679989	1.49775013	
	0.947002447	1.062380019	1	1.261671195	1.248788765	0.789600055	
	1.186884198	1	0.579620084	0.956467029	0.740227513	0.415296937	1
	0.45037511	0.626152573	0.411347212	0.463194026	1	1.137164714	
	0.992355406	0.963473106	1.064710529	0.988918543	1	1.178394286	
	0.766567171	0.881345071	0.902315319	0.610018898	1	1.118898124	
	0.927701236	0.991058169	0.883314991	1.000834416	1.812541622		
YDR442W	YDR442W::YDR442W::molecular_function	unknown	1.023199461				
	0.993049272	0.937006347	0.847787151	0.966160917	1.175268798		
	1.009634792	1.097777008	1.004291461	1.070409567	1.355536521		
	0.909480801	1	0.821507318	0.764739158	1.577012778	0.969667506	1
	0.985354451	1.057501634	0.695092754	0.584306016	1	1.257912573	
	1.001433106	1.422008147	1.466098706	1	0.834178541	0.726667767	
	0.843885019	0.967180451	0.378732958	1	0.835127609	0.744520627	
	0.877859779	0.654481622	0.9895101	0.721514177			
YBR283C	YBR283C::SSH1::SEC61 homolog involved in co-translational pathway of protein transport	1	1.261615317	0.748932766	1.172427085	0.799584549	1
	1.310706788	1.142611289	0.710493916	0.758991893	1	1.204278854	
	1.043882628	0.606198477	0.88064149	1	0.921536669	0.698969925	
	0.745993992	0.677190446	1	0.526604112	0.345342762	0.346154503	
	0.522582548	1	1.016332341	0.799548537	1.137533569	1.238277691	
	0.663281882	1	0.927600023	0.768915857	0.983246156	0.582994291	
	0.465680532	1	0.909590064	0.795680932	0.781611637	0.696490129	
	0.654520317	0.668101122					
YDR444W	YDR444W::YDR444W::molecular_function	unknown	1	0.787082286			
	0.876518592	0.925322546	0.833825119	1	0.909902713	0.95071476	
	1.102210968	0.94508365	1	0.734231465	0.819579437	0.551156598	
	1.183954354	1	1.069769379	0.794062571	1.338872422	0.921763742	1
	1.077947202	1.745938174	1.360857651	0.616469917	1	1.373741691	
	1.429392716	1.715376799	2.29635529	1.953038127	1	0.754436637	
	0.353433977	0.547934964	1.070140541	0.248692426	1	0.529395489	
	0.299884485	0.556945506	0.289571758	0.626073818	0.401035796		
YBR285W	YBR285W::YBR285W::molecular_function	unknown	1	1.687338445			
	3.238757203	3.198428165	4.83690926	1	2.133925669	2.715720392	
	4.161968675	4.444317175	1	1.448146866	3.366113213	11.06500165	
	4.182375176	1	2.820825303	2.725065304	3.400371262	4.747818866	1
	2.754388561	4.890493559	8.469135048	2.289585873		0.905019953	
	1.155103251	1.007295001	0.84642154	0.926252091		0.841180866	
	0.972403804	1.48801089	1.404961415			0.947277636	
	0.930080392	1.5281813					
YDR446W	YDR446W::ECM11::ExtraCellular Mutant	1					
	1.395270514	1	1.370608147	1.747266297	1		
	1.234712406	1.525634135	1.247471723	1	0.944913759		
	2.387263911	1.33095365	1	0.747958932	0.613656627	0.691075305	1
	0.923712467	0.831881128	0.957539416	0.956165645	1.050843867	1	
	0.970666988	0.871517876	0.783418764	0.640061055	1	0.999822584	
	0.795925576	1.115873583	0.747200849	0.727241066	1.253017939		
YBR287W	YBR287W::YBR287W::molecular_function	unknown	1	1.401427426			
	1.139820848	1.654304714	1.163235405	1	1.555135984	1.48412149	
	1.332330974	1	1.409356414	1.385743738	1.378022974	1.046430772	1
	1.819321444	1.192258141	1.673474934	0.638422832	1	0.724370312	
	0.657211686	0.381102794	0.488205759	1	1.300001662	1.255164922	
	1.065395075	1.306706083	0.786897574	1	0.862333051	0.747119739	

1.087545929 0.700782812 0.539091491 1 1.082548634 0.648693355
0.724649392 0.582488302 0.849641078 0.742529143
YDR448W "YDR448W::ADA2::transcription factor, member of ADA and SAGA, two
transcriptional adaptor/HAT (histone acetyltransferase) complexes" 1
0.813445406 1.065653982 1.223944457 1.050735654 1 1.107142027
1.177838589 1.232154875 1.262644037 1 0.821022106 1.00000935
0.920298169 1.357069837 1 0.460770499 0.405650975 0.534712366
0.5516832 1 0.735865552 0.628240243 0.458801346 1
0.829590115 0.940757006 0.735961977 0.745664797 0.826156841 1
0.767478611 0.767211201 0.83418542 1.159836266 0.729665983 1
0.935001965 1.106552252 1.047646449 1.165992877 0.950553965 0.672479238
YBR289W YBR289W::SNF5::Involved in global regulation of transcription 1
1.045810454 1.177150145 1.377211259 1.127344699 1 1.211289114
1.240967316 0.950969601 1.087841402 1 1.173068825 1.30157068
1.187882386 1 0.888476632 0.992872369 1.110186249 0.948193103 1
0.721575906 0.862885945 0.369292225 0.852521943
0.90615781 1 0.981963971 0.968722554 0.795569144 0.952760235 1
1.194644634 1.221615387 1.298154178 1.209425081 1.093654335
YDR462W YDR462W::MRPL28::Mitochondrial ribosomal protein MRPL28 (YmL28) 1
1.676020594 1.360455012 1.418539363 1.536816884 1 1.601181878
1.454452915 1.462462372 1.5447925 1 1.237417171 1.582132207
1.443181153 1.355655003 0.79855431 0.762761206 0.531497551 1
0.547974561 1 1.053010721 0.910193952 1.191666864
1.063583877 1.017424633 1 0.867241137 0.935013736 0.698632188
0.825808454 0.629126206 1 1.130803018 0.96925346 1.149639396
0.958790767 0.873068731 1.569118256
YCL001w "YCL001w::RER1::Protein involved in retention of membrane proteins,
including Sec12p, in the ER; localized to Golgi, where it may function in
returning membrane proteins to the ER" 1 1.63311825 1.464118854
1.257064502 2.08439989 1 1.318666134 1.227136883 1.465419837
1.512955684 1 1.280964799 1.236633539 1.395755489 1.314971348 1
0.914956362 0.626333166 0.515339259 0.874181014 1 1.141660113
1.067213401 1.285313778 1.034538947 1 1.311244894 1.246677966
1.007153901 1.191147001 1.074380229 1 0.849604691 1.012441163
1.024379909 0.787456093 0.812411133 1 1.213394364 1.182739975
0.918988034 1.433991469 1.151917607 1.31080911
YCL003w YCL003w 1 1.57889391 1.492695624 1.652982613 1.473600552 1
1.695646302 1.516938364 1.274773824 1.497975232 1 1.444950911
1.523435152 1 1.825239979 1.695404453 1 1.559926458
1.813933147 0.998603375 1.017043123
1.017154901 1 1.012207363 0.903078967 0.891222762
0.874932498 0.807468596 0.923824203 0.64742578 1.065844695 1.024480042
YOR237W YOR237W::HES1::Protein implicated in ergosterol biosynthesis 1
0.912951304 1.188223729 0.97543055 1 1.237701935
0.806935802 0.880353033 1 1.120107107 0.87751457 0.680208226
1.199540405 1 1.935998527 1.420680796 0.981992999
1 0.836210894 0.948984935 1.251520797 2.034780017
1.360232798 1 0.57924373 0.576580871 1.164889903 0.760608141 1
1.130803041 0.93512477 1.008983242 1.207707578 0.985016608 0.65934489
YOR251C YOR251C::YOR251C::not yet annotated 1 1.590399957 1.402544959
1.481383669 1.62201637 1 1.427941543 1.524659812 1.667429237
1.510288213 1 1.414306971 1.210690283 1.392995188 1.509063302 1
0.630448961 0.518834501 0.607190317 1 1.061716849 0.879601872
0.945670402 1 1.172935491 1.123649099 1.24056843 1.156263443
1.242522526 1 1.019802935 0.942864651 0.718087773 0.95390781
0.817050583 1 0.950486344 0.855012317 0.823747439 1.080712816
0.745596304 0.948300744

YOR253W YOR253W::ARD2 1 1.163267143 1.229021397 0.971812546
1.53364509 1 0.985420738 0.825416538 1.504686015 1.310393572 1
0.949432409 0.888818226 0.988980634 1.152901639 1 0.823056584
0.638890665 0.530171131 0.903602911 1 1.035287422 1.17126665
1.604295708 1 0.807628568 0.938585486 0.657225978 0.652578192
0.88798591 1 0.821651838 1.105819021 0.753611847 1.263400517 1
1.365945397 1.512371855 1.013249579 1.847891763 1.018234242 1.305555433
YOR255W YOR255W::YOR255W::molecular_function unknown 1
0.995070928 0.671795433 0.805966236 1 0.91791345 1.044138123
0.863202649 1 0.827585746 1.045731534 0.944099342 0.833206997 1
0.777259817 0.705724422 1.054441841 0.882312987 1 0.465105086
1.341969042 0.794261389 0.516499407 1 0.98443765 0.890673872
1.176955876 1.095839423 1.028621695 1 1.015788819 1.146560802
0.722606078 1.014501125 0.7434188 1 0.785859587 0.994062703
1.038997051 1.08848666 1.050277749 0.890509573
YOR257W "YOR257W::CDC31::Required for spindle pole body duplication and
mitosis in meiosis II; calcium-binding protein component of spindle pole bodies,
localizes to half-bridges and interacts with KAR1" 0.669820164
1.247005743 0.731267466 0.720383195 0.78863827 1.33425482
1.143620971 0.793305847 0.998484854 1.528484291 0.935913455 1
1.168688405 0.8059941 0.856355766 1.19937759 1 2.438273838
3.487571672 2.662483284 1.011970272 1 0.901039119 1.325772362
0.664398462 0.582910311 0.998746163 1 1.267172349 1.981145313
1.455966472 2.051343934 2.404769137 1 0.934536562 1.321512848
0.976919145 1.609265414 1.135886229 1.501695189
YOR259C YOR259C::RPT4::Proteasome Cap Subunit 0.801567865
0.833614768 1.111437144 0.803733529 1.009747142 1.025888805
0.973860319 0.877230413 0.765576309 1.001658027 0.78410779
0.91731267 1 1.30011063 1.222209038 1.037812101 1
1.331718002 0.631462031 0.99634368 1.50794169 1 0.916193761
1.391472348 1.24803905 0.803397989 0.931140426 1 1.083139567
1.503332602 1.07965266 0.864547384 0.943611307 1 1.176164314
1.396074828 1.076020149 0.995436881 0.832339069 1.14969428
YOR261C "YOR261C::RPN8::Regulatory Particle Non-ATPase, homolog of mammalian
proteasomal subunit S12/p40" 1 0.82464192 0.993665877 0.967885584
1.217367381 1 0.918669748 0.895360794 1.135127558 0.954850374 1
0.789569221 1.15205772 1.20458775 0.995608004 1 1.806545549
1.866794009 1.94494809 2.677027374 1 1.527603035 1.740771126
2.465071221 1.525268847 1 0.833561576 1.279385976 0.905934762
0.562066071 0.932727537 1 1.164777859 1.895601646 0.992346135
0.884893605 1.402403404 1 1.518782999 2.270908933 1.265411105
1.531255541 1.452732001 1.630411878
YOR275C YOR275C::RIM20::Regulator of IME2 1 1.095281384 1.035638507
1.438672444 1.107980734 1 1.400732386 1.403065201 1.127761969
0.964394867 1 1.126721532 1.213907846 0.839943757 1.374960862 1
0.991530182 1.257736972 0.978107788 1 0.93953785 0.736888887
0.648058022 0.923844181 1 0.902281614 1.052182063 0.951429218
0.821469782 0.941541384 1 1.061436795 1.031509565 0.809801592
0.888328274 0.723385603 1 1.329511518 1.102887423 1.22513745
0.975706595 1.041045107 0.98245011
YNR031C YNR031C::SSK2::Suppressor of Sensor Kinase (SLN1) 1
0.782071639 0.778508378 1.146565131 0.773746722 1 0.922164177
1.05338007 0.847525619 0.696950486 1 1.157317574 1.006789892
0.808279608 0.94853982 1 1.065387488 1.270489072 0.531309953 1
0.714067676 1.027255998 0.594536781 1 1.0488014 1.064791618
1.172116221 1.085847996 1.015514947 1 1.304893669 0.927803495

0.910725669 0.950198473 0.569216559 1 1.104105025 1.046901552
 1.055431391 0.623143544 1.069088073 0.87825089
 YOR277C YOR277C::YOR277C::molecular_function unknown 1 1.256002075
 1.513499186 0.966242719 1.806074607 1 1.0250752 0.91875207
 1.639268266 1.560009358 1 0.920617179 1.014211202 1.168181664
 1.219767244 1 1.238067978 0.619715735 0.510392744 1.358647882 1
 1.347585931 1.317359118 0.945315287 0.870567236 1 1.085114462
 1.055433321 0.802276926 0.919323282 0.976448653 1 1.09855378
 1.292551455 0.74315745 0.197927508 1.713007051 1 1.102843605
 1.410650522 0.95380953 1.657689591 1.064086031 1.138311158
 YNR033W "YNR033W::ABZ1::para-aminobenzoate synthase, PABA synthase" 1
 0.94068217 0.942206471 1.10225086 0.704832888 1 1.040064603
 0.993826169 0.981940846 0.819000669 1 1.087683472 0.987753942
 0.852651739 0.984890509 1 1.144443037 0.985242289 1.301489945
 0.994435765 1 1.389688963 1.313651981 1.304972456 1.237520898 1
 0.925269195 0.89132754 1.085213717 0.832094254 0.85806958 1
 1.000078523 0.920581899 0.93014949 0.799572929 0.619117431 1
 1.035264001 0.863108346 0.621483822 0.707718139 0.799444701
 YOR279C YOR279C::RFM1::Repression Factor of MSE 0.754778901
 1.109208706 0.966078169 1.190426266 0.846852552 1.425678447
 1.240265084 0.742669308 0.81444207 1.360210864 1.188492633 1
 0.885728812 0.779788817 0.849041154 1.445416784 1 1.364787161
 2.661897779 1.428216865 0.828411381 1 0.949978158 1.077731864
 0.931296219 0.951128827 1.200621125 1 0.992938365 1.286138375
 0.765823236 0.891576594 1.242361327 1 0.842478296 1.136836888
 1.00188715 1.48828755 1.018982749 1.336202244
 YNR035C YNR035C::ARC35::Arp complex subunit 1 0.997175273 1.145915011
 1.061016783 1.182083845 1 1.079463869 1.232495624 1.425351791
 1.218034535 1 0.977868754 1.143002918 1.500810121 1.167779384 1
 1.42906374 1.289064453 1.692257037 1.497326501 1 1.128295105
 1.154498021 1.58340479 1.444144138 1 1.089332585 1.226698652
 0.979675315 0.799313439 0.775875279 1 0.967550336 1.36399865
 1.11817285 0.854048492 1.124771713 1 1.438651248 1.629770394
 1.293433636 1.283378173 1.443598323 1.194351103
 YNR037C YNR037C::RSM19::mitochondrial ribosome small subunit component 1
 0.930681625 1.773690339 1.192755807 1.716284601 1 1.087089215
 1.362329906 2.063634598 2.09595303 1 1.126270759 1.407030094
 2.470952434 1.532483499 1 1.377020612 0.956088555 1.199018919
 1.602011525 1 2.349594984 3.082797099 3.50252135 1.726145113 1
 1.080869887 1.404583367 1.369698875 1.120380395 1.158160827 1
 1.063328442 1.606755815 1.251368668 1.270236186 1.537323488 1
 0.88284699 1.367792123 1.172325881 1.287760757 1.411804043 1.470172714
 YNR051C YNR051C::BRE5::protein of unknown function 1 0.665653443
 0.762002269 0.847642914 0.680353143 1 0.824847916 0.76668215
 0.8895888 0.787600499 1 0.792957938 0.755990972 0.669952279
 0.792769102 1 0.424449895 0.431117428 0.515825541 0.500619061 1
 0.631983809 0.716470242 0.830739243 0.720993819 1 0.82829117
 0.925739917 0.814411352 0.70998645 0.625228416 1 0.948428872
 0.935540853 0.786275567 0.99109947 0.753601302 1 0.976563481
 1.028837227 1.109374142 0.804082399 0.87080825 0.811703436
 YDR464W YDR464W::SPP41::appears to control expression of spliceosome
 components PRP4 and PRP3 1 1.370964858 1.496874803 1.730661708
 1.621549172 1 1.403016952 1.361837035 1.445222383 1.522158724 1
 1.561247894 1.535987969 1.528400169 1.899250627 0.959568213
 1 0.95879386 0.956712181
 1.023660122 0.814540566 0.925770725 1
 0.911889994 0.98104873 0.730575012 0.891385238

YNR053C YNR053C::NOG2::Nuclear/Nucleolar GTP-binding protein 2 1
0.726748977 0.61608756 1.1029178 0.623905963 1 0.810188541
0.735804895 1.134212271 1.380080054 1 0.310836707 0.280361318
0.31058956 1.047190838 1 0.18974931 0.174855414 0.493423871 1
0.336019411 0.194455733 0.725811069 1 0.52612627 0.5034059
0.671790086 1.044339984 0.80280043 1 0.388974921 0.399477419
0.316835837 0.741684415 0.709077342 1 0.441411774 0.595255677
1.034311218 0.961079044 0.466413594 0.720638564
YDR466W YDR466W::YDR466W::molecular_function unknown 1
1.532772507 1.548244779 1 1.629558535 1.478348368
1.448875146 1 1.204420287 1.479315567 1.748372535 1.476863484
0.87312525 1 0.98489034
0.937134222 1.104594927 1.14189641 1 0.864372362
1.711393142 1 1.043012792 1.309528705 1.034712492 1.898621083
1.146825452 1.451784585
YCL005W YCL005W::YCL005W::molecular_function unknown 1 1.906991251
1.54948656 1.7821132 1.371355997 1 1.688219044 1.331949862
1.557721531 1 1.558956315 1.583734153 1.360676606 1.495769011 1
0.852553671 1.565424445 1.438903636 0.747863195 1 0.586909219
0.337946448 0.320042538 0.4701944 1 1.112026944 1.089689856
0.872891695 1.173671101 1.012564265 1 0.803412346 0.92264371
0.855958201 0.878410861 1.041356153 1 0.757854315 0.73129667
0.849645288 0.740377171 0.885142443 0.864240878
YNR055C YNR055C::HOL1::Putative ion transporter similar to the major
facilitator superfamily of transporters 1 0.837127521 0.840264725
0.502659293 1 0.881723092 1.000414072 0.688013426 0.749678361 1
0.943337926 0.685689108 0.537445563 0.676330513 1 0.923988911
0.803315815 0.956617104 0.625153012 1 1.244647377 0.824981194
0.621271157 1 1.201232145 1.03036421 1.015265908 1.336092473
0.89557128 1 0.724281177 0.576983969 0.587800589 0.441184294
0.464591809 1 0.839919997 0.659992786 0.751342347 0.713133239
0.859650903 0.809076598
YDR468C YDR468C::TLG1::member of the syntaxin family of t-SNAREs 1
0.605095242 0.946290114 0.792172719 1.061602305 1 0.72074725
0.733898248 1.14308805 0.964249215 1 0.650427923 0.846105158
1.005429015 0.859012356 1 0.992257808 0.639458198 0.588962915
1.144630431 1 1.223222209 2.259506475 1.721814736 0.99827598 1
0.834662541 1.304834752 0.866265291 0.790566894 1.050192811 1
0.925591023 1.281562781 1.157219157 1.161536226 1.666148744 1
0.935196065 1.102372272 1.297752352 1.222159712 1.324756932 1.215366122
YCL007c YCL007c::CWH36::calcofluor white hypersensitivity 1
1.190974168 1.765974579 1.043809324 1.902092213 1 1.126831997 1.366631
1 1.211924003 1.436485395 2.009251566 1.1795415 1
1.192392371 0.697642369 0.813483934 1.121091108 1 1.639064108
1.764190664 1.224279352 1.320012953 1 0.904252631 0.957782741
0.935771845 1.190658983 1.140145629 1 0.931793044 1.220104249
1.302093083 1.122695938 1.337265968 1 0.72731419 1.095245837
0.973600654 0.97337233 0.89865126 1.101535006
YNR057C YNR057C::BIO4::dethiobiotin synthetase 0.951784853
1.060239551 0.839727632 1.125814327 0.751862078 0.886394254
1.08118366 1.216723524 0.858409999 0.966753311 1.016652426 1
0.387667616 0.531154018 1
0.973162456 1.033901526 0.887083173 1.20142627 0.993835597 1
0.813910085 0.927801119 0.820605315 0.750941829 1 0.912430691
0.871326168 0.906185328 0.902897088 1.109579187 0.837096518
YDR470C YDR470C::UGO1::outer membrane protein required for for mitochondrial
fusion 1 1.183147632 1.263150151 1.23122487 1.112855035 1

1.241323005	1.243549273	1.267085765	1.166373593	1	1.139095017
1.154958657	1.26928283	1.157888017	1		1.096313189
0.861163995	1	1.478689813	1.8747292		1.428808336
1.11490524	1.105269542	1.049369079	1.034017301	1.296174198	1
0.818670444	1.131695247	0.768555773	0.874611372	1.327853213	1
0.910539196	1.077250722	0.97373263	1.252672158	0.854486825	1.714471744
YCL009C	YCL009C::ILV6::acetolactate synthase regulatory subunit				1
1.246980037	0.814328063	0.584690195	0.386247684	1	1.065976512
0.980037191	0.423637677	0.52202759	1	1.94543159	1.780054328
1.07854957	0.41786532	1	0.838812448	0.748194388	0.607049875
0.739128169	1	0.773184699	0.399587801	0.231149156	0.417629782
1.11311378	0.972071089	1.067044359	1.200451665	0.827839885	1
0.834479974	0.709508253	0.797848963	0.78149438	0.714408028	1
0.887839149	0.65913808	0.964946915	0.562720433	0.975441507	0.725892293
YNR059W	YNR059W::MNT4::MaNnosylTransferase				1
0.746354636	0.679275393	1	0.785226164	0.611340013	0.879038518
0.827879114	1	0.686525123	0.758952222	0.671740845	0.895125801
1.134608584	0.449932174	1.199453655	0.911188418	1	2.243064138
3.318414695	1.442835857	1.410461437	1	0.915167839	0.965091624
0.936198869	1.103928082	0.866923211	1	0.837942952	0.828511626
0.864614613	0.815415888	1.195506987	1	1.145370869	1.25310718
1.450556588	1.004340689				
YDR472W	YDR472W::TRS31::targeting complex (TRAPP) component involved in ER to Golgi membrane traffic				1
0.955691443	1	0.870960202	0.82269463	1.00193749	0.918023019
0.970156949	0.891028392	0.853223902	0.849325487	1	0.827742547
1.566752492	1.285087075	1.08994634	1	0.761914809	1.169781228
0.691696583	0.826928238	1	1.22751079	1.330649604	1.001568572
1.114605115	0.897281448	1	0.99921456	1.285705652	0.6760647
0.697239758	0.870052245	1	1.141117345	1.018747528	0.936369191
1.118968287	0.897941771	0.978071994			
YCL011c	"YCL011c::GBP2::binds single-stranded telomeric repeat sequences in vitro; similar to Gbplp, a single-stranded telomeric DNA-binding protein from Chlamydomonas reinhardtii"				1
0.969248265	1	1.318057686	1.158090842	1.005163461	1.088650254
0.9805069	0.952012974	0.751274458	0.900034589	1	0.685298308
0.393595213	0.424871834	0.714503132	1	1.216231398	0.628487573
0.631988454	0.926329196	1	0.961882404	0.968946642	0.713312894
0.789722331	0.950918174	1	0.915078972	1.058040003	0.86439226
0.808245291	1.247977583	1	0.99434626	1.081098312	0.93729237
1.340470841	0.917372536	1.772262914			
YNR061C	YNR061C::YNR061C::molecular_function unknown				1
0.998896342	0.827820611	1.145228587	1	1.012173101	0.956074154
1.062062579	0.91494396	1	1.32274136	0.959123637	0.927743875
0.801582719		0.8143765	0.540084153	0.644467669	0.712404891
1.775217596	1.1375044	1.711053154	1.51817384	1	1.349241152
1.263703367	1.206770389	1.270975988	0.983741466	1	0.887741954
1.260783402	0.730385804	0.578494822	0.776632453	1	1.347047624
1.177040078	1.038413567	1.258964874	0.924046704	1.415008433	
YDR486C	YDR486C::VPS60::vacuolar protein sorting (putative)				1
2.009588176	1.704449493	1.388019663	1.256680218	1	1.786457573
1.53237177	1.190592674	1.115104428	1	1.472811244	1.402528746
1.056636701	0.893504073	1	0.741528284	0.7781913	0.943519443
1.339332233	0.730055341		0.564264513	1	1.092235309
1.183116986	0.908526485	1.135146237	1	1.176122397	1.866967378
1.302051869	1.201400801	1.589525825	1	1.259521632	1.645444814
1.13925512	1.460224783	1.223207957	1.239007927		

1.101918806	1.255231558	1.2359531	1	0.933250158	1.084033465
1.236273978	1.043525202	1	1.282699851		1.262710747
1.29438828	1.33736144	1.071947115	1	1.039555135	1.15744002
0.989704726	0.788275435	1.128595362	1	1.252990268	1.377596589
1.004661587	1.218256974	1	1.262601355	0.943694161	0.877934136
1.359033686	1.309673198	1.081395653			
YCL034W	YCL034W::LSB5::LAs17 Binding protein		1		1.232327358
1.46204369	1.061561008	1.345570765	1	1.250313477	1.457224942
1.563372206	1	1.174158317	1.512116024	1.896766604	1.40076539
1.426391168	1.261742145	1.301932164	1.710172498	1	1.919684326
2.53479055	2.384976131	1.456824744	1	1.114054071	1.220178237
1.038782539	0.994383418	0.867983147	1	1.086295952	1.449882608
1.402381739	1.101296213	1.44719684	1	1.180027041	1.331916606
1.250678615	1.30468733	1.549148687	1.592760061		
YCL036W	YCL036W::GFD2::Great for FULL DEAD box protein activity				1
0.963450169	0.930408602	1.113534874	0.983124487	1	1.058817784
1.03065712	0.993795059	1.220955006	1	0.957248941	0.948240834
1.001164637	1.054832191	1	0.76910532	0.862822278	0.995657235
0.865122601	0.942990042	0.598337211	0.586280913	1	0.582025182
0.69054517	0.862264994	0.782752112	1	0.53024431	0.533788985
1.133107161	1	0.401881568	0.515462456	0.768075034	0.660906604
0.540309232	0.868618994				
YOR281C	YOR281C::PLP2::Phosducin-like protein		1		0.772313076
1.043660102	0.906932028	1.41653147	1	0.827823218	0.839361605
1.218073119	1	0.833575187	0.825505374	0.927685113	0.996560971
0.877005563	0.560997117	0.526635818	0.831063137		0.9848853
0.866252498	0.926238166	1	0.980187288	1.030926909	0.745769694
0.647560888	1.011182305	1	1.543010551	1.672326037	1.099442136
1.126591527	2.805731878	1	0.870486189	1.140557269	0.719936878
1.344426758	0.918578601	1.179465531			
YOR283W	YOR283W::YOR283W::molecular_function unknown		1		1.174460181
1.154231783	1.0190536	1.751834413	1	0.949172839	0.854793239
1.393101612	1.298461825	1	0.819246271	0.66288795	0.690777936
1.229343137	1	0.612447016	0.534077576	0.439869357	0.960630928
1.217444994	0.897009445	1.384860618	1	1.194884704	1.005588419
0.74319868	1.008799312	1.152366314	1	1.032828777	1.283516348
0.810204637	1.026130435	2.413318302	1	1.059862189	1.185942539
0.849719637	1.938962717	0.968973971	1.25914728		
YOR285W	YOR285W::YOR285W::molecular_function unknown		1		1.229173544
1.919883606	1.385196993	2.547230204	1	1.19408783	1.552269359
2.531201962	2.098754858	1	1.447658562	2.145727429	4.525691521
1.948729765	1	1.269050965	1.221872193	2.109974073	2.064317734
1.731212415	3.175673906	4.390751096	2.695710051	1	1.213011014
1.800280713	1.944212084	1.017219699	1.09371043	1	1.145205255
3.053577365	3.158057228	2.804306929	2.62920077	1	1.276193875
2.220114591	1.447503316	1.487986265	1.681967955	1.987666463	
YOR299W	YOR299W::BUD7::bud site selection		1		1.087585099
1.700387024	1.381548613	1	1.587095697	1.641935845	1.352013765
1.155021703	1	1.404406363	1.476595108	1.050243518	1.618291037
0.776635358					1
1.102033057	1.130133256	1.15203381	1.234168136	1	1.190910842
0.812938055	0.950347066	0.85713891	0.538472537	1	1.212272505
0.969451289	0.999059861	0.930785952	1.019849112	0.794190973	
YOR301W	YOR301W::RAX1::A rax1 mutation converts the budding pattern of an axl1 null mutant from bipolar to axial.		1		0.641171733
0.621730439	0.46009934	1	0.781403782	0.777967619	0.513085244
0.505772511	1	0.802721915	0.659312034	0.437689482	0.508171735

0.538834976	0.527051901	0.419791188	0.518766793	1	0.803096197
0.667918756	0.390369312	0.642949474	1	1.038880901	0.945970697
1.164078518	1.152520887	0.926771618	1	1.106572368	1.040903722
1.134389606	1.823995921	0.811385227	1	0.755622002	0.868206413
1.022012023	0.859832007	0.76715138	0.662847393		
YOR303W	"YOR303W::CPA1::Carbamoyl phosphate synthetase, arginine specific"				
1	1.394744617	0.888125447	0.770369879	0.439683838	1 0.806412587
0.775210466	0.643666135	0.790243844	1	2.70834525	0.999386359
0.572144193	0.737308032	1	2.583221699	2.446189337	1.368552652
1.00018115	1	1.776360251	2.111294241	1.220546495	1.407780604 1
1.485568285	1.027517431	1.223802984	1.394620475	1.074720223	1
1.050135328	0.764381295	0.995454936	1.463080209	0.614062302	1
0.983219756	0.714221578	1.32113807	0.793165261	0.513526554	1.030609488
YOR305W	YOR305W::YOR305W::molecular_function unknown 1 0.63639622				
0.894000601	0.76467891	1.002884962	1	0.647116045	0.649241052
0.945472227	0.989912228	1	0.680191889	0.724334129	0.79590721
0.972927304	1	0.817319832	0.562659733	1.193414939	1
1.339536594	1.622543935	1.278344053	1.113585189	1	0.842954696
0.830813075	0.647452305	0.556293339	0.97740378	1	1.033481829
1.663068906	1.335302915	1.315236744	1.800591706	1	0.840841678
1.395085104	0.928192934	1.519242197	1.103992456	1.335326579	
YOR307C	YOR307C::SLY41::multicopy suppressor of ypt1 deletion 1				
0.90515176	0.615166507	0.90441456	0.671086947	1	0.862733292
0.570139832	0.78962971	1	0.769202414	0.551862233	0.555851962
0.817535211	1	0.654724083	0.398743608	0.600674643	0.721993776 1
0.71878791	0.524368356	0.724366353	0.767873625	1	0.868231929
0.814725382	1.079524027	1.01109758	0.937889733	1	0.735556468
0.727848537	0.657108905	0.916925825	0.453266451	1	0.654345452
0.698561062	0.853038516	0.665771545	0.682539162	0.760917271	
YNR075W	"YNR075W::COS10::Protein with strong similarity to subtelomerically- encoded proteins such as Cos5p, Ybr302p, Cos3p, Cos1p, Cos4p, Cos8p, Cos6p, Cos9p"				
1	0.946239346	0.665154597	1	0.841264788	
0.811122466	0.618868509	0.713067365	1	0.922811262	0.819095333
0.357626189	1.135622324	1	0.325716214	0.759270978	0.391626947 1
1.384598492	1.66059135	1	1.279644188	1.185286092	
1.668266964	1.095988098	1	1.161923867	0.941201567	1.551047018
0.898266942	0.791506159	1	0.848328788	0.92123765	
0.602296634					
YOR309C	YOR309C::YOR309C::molecular_function unknown 1 1.422758044				
1.19045786	0.885808921	1.865453094	1	0.908074312	0.782621568
1.338478572	1.489781683	1	0.911316657	0.506976282	0.599821723
1.114017181	1	0.49811614	0.210697963	0.205650486	0.517341887 1
0.71750023	0.301946811	0.301064053	0.410573122	1	0.728004604
0.56950556	0.509140646	0.656144936	0.693617935	1	0.768162339
0.736846506	0.45178075	0.634542949	1.386053886	1	0.612314715
0.751597076	0.850673162	1.336506268	0.588796485	1.12167436	
YOR323C	YOR323C::PRO2::second enzyme in proline biosynthesis 1				
0.957446802	0.802782006	0.813400007	0.692234651	1	0.850108968
0.66728925	0.721247789	1	0.906831634	0.903958235	0.691272398
0.730667506	1	1.477152635	1.165933095	0.933016613	0.845126036 1
1.173232106	0.534012158	0.316451669	0.878372411	1	1.096931655
0.876534301	1.626531322	1.222578057	1.184888281	1	1.039839878
0.934907668	0.919113775	0.686514888	0.505491523	1	0.973996988
1.059339098	0.87236964	0.726604996	0.600822412	0.837972183	
YNR077C	YNR077C::YNR077C::molecular_function unknown 1 1.388537974				
1.532151469	1.017555245	0.949949839	1	1.325662769	1.34236098
1.403850003	1.044699546	1	1.416520285	1.324563725	2.34140536 1

1.292878323 1.342053104 2.074807853 1.045133177 1 0.809978986
2.014924923 1.498195074 0.895249718 1 1.03648936
1 1.17277048 1 0.812810869
1.017475036
YOL002C YOL002C::YOL002C::molecular_function unknown 1 1.36232826
1.042281256 0.93924973 1 1.172607909 0.98920698 1.449380889
1.306165074 1 1.011478841 0.884068635 0.996253595 1.172165528 1
0.621132755 0.335327926 0.367591284 0.745544729 1 0.983408229
0.609585334 0.721665814 1.038396728 1 1.010814888 1.18172284
1.283305964 1.299197109 1.052259716 1 0.912142259 1.507959318
1.423053443 0.663199337 1.252393751 1 1.070177146 1.33639483
0.958755141 1.326662439 0.588622036 1.437774573
YOL004W YOL004W::SIN3::DNA binding protein involved in transcriptional
regulation 1 0.907998452 0.881696443 1.013150275 0.538373134 1
1.133968733 1.227793839 0.809487997 0.636926084 1 1.137848674
1.220293899 0.630059709 0.779032231 1 0.864258878 1.054155444
0.920453621 0.565242077 1 0.665523677 0.699608551 0.548062724
0.685564612 1.21544303 0.805350875 0.941623813
0.957468138 1.415401223 0.903983012 0.976360451 1.226239876 1
1.375372922 1.072074674 1.035398777
YOL004W YOL004W::SIN3::DNA binding protein involved in transcriptional
regulation
1 0.988137072 1.146395799 1.171263438 1.287982188 1.201467978 1
1.010050391 0.642371958 0.753107218 0.997905398 0.484533673 1
0.769204856 0.630674769 0.889736657 0.496157479 0.960129496 0.851106531
YOL006C YOL006C::TOP1::topoisomerase I 1 0.621982631 0.809136359
0.846406392 0.860648853 1 0.855691736 0.760649248 0.922537644
0.90633613 1 0.693057379 0.761026462 0.60343643 0.891483177 1
0.50167413 0.565937221 0.58678939 0.812289819 1 1.112594481
1.42235753 1.494615432 1.229502167 1 0.823564907 0.860568297
0.819337178 0.86784396 0.989280922 1 0.886534129 0.900629941
0.716513097 1.033219122 0.95514277 1 0.877822099 0.885524509
0.982459433 0.865960189 0.92460227 0.79331536
YDR496C YDR496C::PUF6::member of the PUF protein family 1 0.718550823
0.597951496 0.983148237 0.935624576 1 0.748114978 0.742109313
0.937590496 0.985033976 1 0.425157435 0.366394583 0.320916828
0.96848668 1 0.207448814 0.185763611 1 0.336647501
0.232264532 0.47448984 1 0.633923462 0.539268623 0.586136416
0.798646544 0.970091324 1 0.751722409 0.672821809 0.383127557
1.065121873 0.588756311 1 0.547191283 0.536069424 0.840388423
0.827474228 0.471343599 0.635703034
YOL008W YOL008W::YOL008W::molecular_function unknown 1 1.059492993
1.207473893 0.977753106 1 1.084723156 1.099703456 1.581355954
1.337681616 1 1.033531994 1.030583187 1.26412198 1.121092093 1
0.705406772 1.285985496 1.269608709 1.056841672 1 0.751648633
1.025542819 0.833792993 0.569505864 1 1.166806669 1.334531929
1.279145649 1.402580707 1.262344342 1 0.93021815 0.972662777
0.8152193 0.770637197 1.261655853 1 0.8960343 0.741818148
0.863219635 0.816694284 1.087524994
YDR510W YDR510W::SMT3::may be involved in function and/or structure of the
eukaryotic kinetochore homologous to SUMO-1 1 1.109707468 1.968237773
1.262708164 2.322691353 1 1.17663225 1.395437559 2.071776735
2.022585258 1 1.383323969 1.76298652 2.577963835 1.596329316 1
1.348150796 1.149209052 1.283663595 1.24784688 1 1.719479424
2.41553387 2.399207419 1.334950788 1 0.940866676 1.179995152
1.048522348 0.767790721 0.940404001 1 1.468752954 2.438449776

	2.120475666	2.343635573	2.663306463	1	0.958837849	1.339978113
	1.38905811	1.416142606	1.193025683	1.522710103		
YCL050c	"YCL050c::APA1::diadenosine 5',5'''-P1,P4-tetraphosphate phosphorylase I"					
	1	1.195316669	1.151897617	1.228694801	1.126147227	1
	1.123184518	1.021591486	1.146701676	1.053032048	1	1.003003388
	1.038212292	1.156808844	1.000779733	1	0.815837431	1.483269754
	1.218134758	0.706534223	1	0.486690167	0.394923888	0.257375915
	0.439991276	1	0.855989254	0.614050455	0.864265532	0.823436108
	0.814622788		0.944426612	0.770377478	0.721416746	1
	0.717150472	0.704127803	0.766570545	0.976874046	0.647405023	0.815205939
YOL117W	YOL117W::RRI2::Hypothetical ORF					
	1	1.751529506	1.777298998	1.631726362	1.64074718	1
	1.871870545	1	1.751529506	1.777298998	1.631726362	1.64074718
	1.697758843	2.251777192	1.531088949	1.618359374	1	1.512583088
		0.646112693		1	1.032189097	1.25555419
	1.010950249	1.07189305	1.229999623	1	1.209120319	1.003832833
	1.124483868	1.677356523	1		0.582472512	0.722214055
	0.597726909	0.760285289	1.111166903			
YDR512C	YDR512C::EMI1::Early Meiotic Induction					
	1			1	0.966635608	
	1.472956018	1.143764266	1.39252232	1	1.057779156	1.338694809
	1.715799146	1.654572182	1	1.351332313	2.183633076	2.694055448
	1.214486838	1	2.385830337	2.40565595	2.226682979	2.304524219
	2.092884743	3.325809983	3.505794725	2.129512516	1	1.016471946
	1.492127494	0.999591318	0.657226867	0.914168813	1	1.093048336
	2.05525618	1.350035439	1.395388983	1.549923747	1	1.643355639
	1.866146161	1.315904192	1.592430273	1.357736035	1.525336994	
YCL052c	YCL052c::PBN1::Protease B Non-derepressible					
	1			1	0.875162022	
	1.081228569	0.987021772	1.088624686	1	1.020798263	1.04970568
	1.093652395	0.892284325	1	1.013988659	1.267687249	1.163058116
	0.956009479	1	2.169815276	1.280664157	1.948309443	1.663861815
	2.175634141	1.748945045	2.081481746	1.084721175	1	1.059554474
	1.181196927	1.156330151	0.886095076	1.171396179	1	1.236185864
	1.229873223	0.853440489	0.843125075	0.891341408	1	0.981853572
	0.978318437	0.896559518	1.001453079	1.059009971	1.20135611	
YOL119C	YOL119C::MCH4::monocarboxylate permease homologue					
	1					1
	0.866539745	0.824966363	0.769991924	0.429004598	1	0.843741857
	0.847056926	0.715537752	0.641843232	1	2.728752946	2.110187542
	0.923691296	0.800106498	1	2.604723002	1.801152931	1.857189885
	1.727738012	1	3.161040203	2.451460663	2.645707008	1.30652923
	1.531478211	1.774128593	2.068724546	1.380977394	1.025297586	1
	2.084405387	1.452376245	1.930913062	2.18347566	0.621235667	1
	1.700471046	1.15670171	1.526159927	0.727028515	0.608465947	0.866867768
YDR514C	YDR514C::YDR514C::molecular_function unknown					
	1			1	0.708735172	
	0.900857419	0.879907702	0.978879334	1	0.846237337	0.811066388
	1.067746982	1	0.590864227	0.638399032	0.718756058	0.954748877
	0.479596138		0.545248439	0.970786629	1	0.83396762
	0.666848646	1		0.921210376	1.048197183	0.80208193
	1.022199525	1.299628174		1.149620855	1.090927552	1
	1.001181768	0.994804583	1.22105114	0.872258146	1.035863164	
YCL054W	YCL054W::SPB1::Suppressor of PaB1 mutant; involved in 60S ribosomal subunit biogenesis					
	1	0.853905168	0.835672432	1.14532481	0.877830142	1
	0.856928272	0.882542576	0.961154912	0.987226821	1	0.484864732
	0.560362604	0.445429944	1.083336865	1	0.460722152	0.420921035
	0.495501046	1	0.872337791		1	0.590520053
	0.596562058	0.610558165	0.784767864	0.84790748	1	0.631282663
	0.608900823	0.389523059	0.90426649	0.740198208	1	0.673654011
	0.623828161	1.149251779	0.742219827	0.578004877	0.802947204	

YOL121C YOL121C::RPS19A::Homology to rat S19 1 0.896680871
1.151435867 0.719626862 1.483311029 1 0.824636515 0.811516484
1.221117763 1.145477423 1 0.759694115 0.736700139 0.692495046
0.799591568 1 0.958981301 0.334115014 0.240804279 0.748886533 1
1.645635588 1.169579276 0.685386772 0.777666685 1 1.00674635
0.947656665 0.87928715 1.011505845 1.035731115 1 1.233744524
1.484973501 0.819373829 0.773518797 1.890480544 1 0.972770623
1.335224649 0.856295392 2.048114422 0.944536469 1.432520897
YDR516C YDR516C::EMI2::Early Meiotic Induction 1 1.137311058
1.634687235 1.666322087 0.955175135 1 1.80599507 2.044541768
1.203362446 1.092200918 1 1.593298743 2.273691703 2.814266485
1.072185317 1 6.159712421 3.316810199 4.228685027 2.479338113 1
6.15619336 3.801863404 3.176309031 1.688591011 1 1.290912302
1.857081797 2.238473173 1.079530606 1.556544175 1 1.744219811
1.6895512 2.414150205 1.09453912 0.61883025 1 2.688881836
1.783288773 1.398694951 1.254771195 2.151007294 1.157574951
YCL056C YCL056C::YCL056C::molecular_function unknown 1 1.301194008
1.78740957 1.181629365 1.770672912 1 1.182939868 1.129835876
1.729544945 1.584418113 1 1.051683482 1.618781488 2.710960582
1.183023502 0.383454992 0.389992422 0.383022543 0.562497304 1
1.870105451 3.43639063 3.090774473 1 0.78289736 1.027344647
0.682168883 0.527416302 0.777994172 1 1.015261344 1.831101959
1.554169335 1.087709288 1.837351803 1 1.125427559 1.360763143
1.691515754 1.726546071 1.520958878
YOL123W YOL123W::HRP1::Putative polyadenylated-RNA-binding protein located
in nucleus; similar to vertebrate hnRNP A/B protein family 1 0.861126451
0.881829509 1.182017333 0.898329313 1 0.989213177 1.067317275
0.953056597 0.879472343 1 0.712759452 0.734718061 0.965854153
0.912282725 1 0.575239183 0.701615361 0.912765039 1
0.52991843 0.486488159 0.47045953 0.580847192 1 0.736012667
0.761787064 1.214203787 0.950904068 1.242436186 1 0.871256591
0.562461273 0.625665424 0.739012714 0.632211482 1 0.715893005
0.605254846 1.13197014 0.913755667 0.66747019 1.293296646
YDR518W YDR518W::EUG1::ER protein functionally likely involved in
interacting with nascent polypeptides in the ER 1 0.895572003 0.801753841
0.956231029 0.922619848 1 0.918269652 0.98487219 0.897334763
0.738513822 1 0.823797318 0.74374321 0.592543823 0.989447548 1
1.346637819 1 0.750693853 0.933270349 0.262760359
1.372568466 1 1.079607501 1.101263892 1.603052919 1.777280199
1.363664261 1 0.885463 1.018365592 1.02492789 1.259324329
0.779408511 1 1.035816456 0.957284374 1.196431774 1.09071543
1.04605989 0.835345293
YCL058C YCL058C::FYV5::Function required for Yeast Viability on toxin
exposure 1 1.148514034 1.674411871 1.118992705 1.976445484 1
1.085312096 1.257236495 2.159697947 1.982375569 1 0.941600595
1.198984764 2.446055187 1.457987235 1 1.228946538 0.772185721
1.005950477 1.948515553 1 1.505325561 3.051458845 2.664190329
1.295290115 1 0.651337562 0.763265155 0.485818412 0.560984836
0.943612679 1 1.51974257 1.833419402 1.636855048 2.624870797
1.73057902 1 0.744336879 0.877347995 1.027298412 1.174010604
2.165485414 1.515705097
YDR520C YDR520C::YDR520C::molecular_function unknown 1 1.001104623
0.923824942 1.029574969 1.06728427 1 1.045704306 1.006319645
1.137063418 1.018805646 1 0.799294347 0.881409061 0.84143285
1.034854189 1 1.054127383 0.876516663 1.118997487 0.87883614 1
0.902181829 2.277765892 0.953645595 1 1.013233736 1.09406758
1.051640017 1.094154917 1.174795339 1 1.090254303 0.962784521

	0.848324364	1.015064741	1.068116369	1	0.878296641	0.79198091			
	0.870275069	1.050372066	0.946749781	1.306430994					
YCL060C	YCL060C	1	0.614343916	0.662105617	1.050382925	0.66644618	1		
	0.821659499	0.970666258	0.756333523	0.664483301	1	0.708597833			
	0.720800318	0.518815329	1.040394783	1	0.534877328	0.528988749			
	0.718536497	0.921915545	1	1.118303131	1.499729558	1.61100426			
	1.034335427	1	1.020302821	1.16794972	1.001781027	1.118833491	1		
	1.101401253	1.199654969	1.237701753	1.25669463	1.166866558	1			
	0.815406914	1.283046057	1.001247124	1.028211636	0.991904867	1.015723811			
YDR534C	"YDR534C::FIT1::FIT1, FIT2, and FIT3 code for mannoproteins that are incorporated into the cell wall via glycosylphosphatidylinositol anchors."							1	
	1.054719665	0.896789078	0.827241111	0.681292536	1	0.990738641			
	0.994227089	0.815648683	0.87963484	1	1.324434556	1.163920134			
	1.47256205	0.743492832	1	2.198769917	2.48814352		1		
	1.182671746	1.856112515	1.226056879	1.200172787	1	0.944014022			
	1.245913919	2.255501368	0.948368505	1	1.239582499	3.38537166			
	7.351022802	12.2027063	1.633474388	1	1.510772236	2.449449823			
	3.096657659	1.377761952	1.322058469	1.263525396					
YCLX01W	YCLX01W	1	1.184493002	1.538638053	1.308595489	1.894025583	1		
	1.055291412	1.28041749	2.098666474	1	0.795986272	1.101772551			
	1.825857822	1.519150528	1	0.530656437	0.62390669	0.632361399			
	1.159075217	1	0.926160552	1.562919996	0.787702901	1			
	0.727243623		0.7575986	1.138525318	1	1.015813335			
	0.99829699		1	0.547480305	1.016466414				
	0.450201472	0.931663945							
YDR536W	YDR536W::STL1::sugar transporter-like protein							1	1.115368585
	1.045114155	1.163605211	1.200353691	1	1.160721925	1.171465627			
	1.268021082	1	1.040122764	1.193111446	1.407622676	1.312286898	1		
	0.55771219	0.329732899	0.933077371	1.306603627		0.1268942			
	0.054519392	0.116323339	1	1.04354722	1.199333103	1.298889652			
	1.334645077	1.21348016	1	0.857158265	1.000972776	1.063390944			
	1.193725687	1.332130645	1	0.841507983	0.784668052	0.890063374			
	1.245785875								
YCLX03C	YCLX03C	1	1.166459938	1.313447228	1.080869192	1.179501582	1		
	1.041767414	1.26681067	1.148604519	1.296089129	1	1.173199524			
	1.074655579	1.407935742	1.112304259	1	0.93876771	0.660915759			
	1.313757379	1.406044604	1	1.23357264	2.691976224	2.173403506			
	1.000375029	1	0.757912556	0.935570253	1.166397258	1.039290808			
	0.936094613	1	0.8218122		1	0.715167567			
	0.891993755	0.917906815		0.687364863					
YDR538W	YDR538W::PAD1::Phenylacrylic acid decarboxylase							1	0.908271343
	0.88832937	0.76374835	0.78119485	1	0.925672129	0.872007271			
	0.818627425	0.870553432	1	0.990565181	0.769890036	0.643960293	1		
	0.902979576	0.829712655		1.073148887	1	1.19662583	1.331989305		
	0.786252014	0.873928508	1	1.297417847	1.035053865	1.452599714			
	1.278356285	1.088865726		1.130268839	0.952931349	1.193257578			
	0.817482456	0.603549879	1	1.105341389	0.671082322	0.88005806			
	1.004006267	0.790983223	0.981574549						
YCLX05C	YCLX05C	1	1.230711637	1.296853009	1.180176999	1.217054126	1		
	1.204141524	1.301329471	1.176111455	1.350893008	1	1.175091734			
	1.261040518	1.753482661	1.237769284	1	1.113645365	1.232206772			
	1.117710401	1.139571635	1	1.925131249	1.44632333	1.704069426			
	1.130775044	1	1.146403068	1.131507435	1.328046678	1.265285482			
	1.092893593	1	0.939172205	0.995407796	0.945941392	0.687774073			
	0.952313106	1	0.933250182	0.874883528	0.889690572	0.900310733			
	1.234625676	0.960559531							

YCLX07W	YCLX07W	1	1.229768624	1.143093633	1.493205482	1.077857256	1
		1.31038193	1.318898252	1.070572118	0.979492869	1	1.210158483
		1.284576669	1.037444436	1.0473617	0.91489381		1
			0.82768128	1	0.99641769	0.934035326	1.12167177
		0.949564007	0.811958408	1		1.536436131	1
		0.934160041	1.047258246	1.298858205	0.528192944	0.733772912	
YOR325W	YOR325W::YOR325W::molecular_function unknown						1.286694862
		0.974828215	0.898989406	0.787091096	1.035172463	1.077512749	
		0.889620662	0.991029536	0.912809745	0.872918777	0.682355359	1
		1.109390797	0.620535664	0.827520128	0.697143667	1	0.894730546
		0.584360648	0.506735542	0.469268145	1	0.819431146	0.729379587
		0.808423032	0.855453997	0.702597598	1	1.007245812	0.871770047
		0.671921713	1.047551412	1.035976912	1	0.713924132	0.911477863
		0.847699784	0.916757295	0.729795968	0.892260903		
YOR327C	YOR327C::SNC2::mediate the targeting and transport of secretory proteins	1	0.978851171	1.433717789	0.885808903	1.8765083	1
		0.863573448	1.040530934	1.585508425	1.77437926	1	1.105396878
		1.374098328	1.649198497	1.168774021	1	1.284742489	0.770561281
		0.711502862	1.252382515	1	2.164753699	2.30394357	2.14300447
		1.279388928	1	0.847134272	1.19717025	0.750714693	0.582105393
		0.883270387	1	1.222964321	2.049154774	2.249809465	2.236611635
		2.071663952	1	1.383849905	2.167782074	1.717283634	1.589200811
		1.497725086	1.459665256				
YOR329C	YOR329C::SCD5::Multicopy suppressor of clathrin deficiency and of ts mutants of IPL1	1	0.706344485	0.744722087	0.863044841	0.546863007	1
		0.866669493	0.971789534	0.699152356	0.613388017	1	1.03038327
		1.121558409	1.243984032	0.794113748	1	1.318632968	1.379360822
		1.836770299	0.992166909	1	0.890011783	1.048900626	1.077317434
		0.648391246	1	1.244006284	1.222961412	1.13704543	0.850049439
		0.946618433	1	0.945110591	0.880975885	1.062214973	1.019240616
		0.868747768	1	0.802049605	1.055606809	1.087237597	0.54178539
		1.127042275	1.28629164				
YOR331C	YOR331C::YOR331C::molecular_function unknown	1					0.931033192
		1.056773027	0.762269315	0.966004721	1	0.844295338	0.858793997
		0.930055163	0.915255836	1	0.77095676	0.985402119	1.095114267
		0.91205666	1	1.053730275	0.859180365	0.824396378	1.119959589
		1.528864506	1.051141337	1.476837046	1.362561342	1	1.203070897
		1.216863946	1.30136496	1.179620081	1	1.403799604	1.49139823
		1.61307039	1.407294743	1.053620933	1	1.076022534	0.99207541
		1.247578889	0.663665677	1.061111124	1.171584964		
YOR333C	YOR333C::SWF5::Spore Wall Formation	1					0.937351734
		0.849304911	1	1.033046969	1.269413303	0.995153307	1
		0.905501411		1.281486293	0.138676688	0.286190999	
		0.240677321	1	1.01240818	0.939778038	1	
		0.907628476	1.303361992	1	1.162039535	0.637838978	
		1.018988207	1	1.119280284	1.156763105	6.56718	
YOR347C	"YOR347C::PYK2::Pyruvate kinase, glucose-repressed isoform"	1					
		1.083757175	1.33087454	1.261820092	0.82650107	1	1.230691927
		1.540111008	0.901618624	0.862766967	1	1.475200364	1.939084144
		1.387865012	0.935134162	1	3.089387776	2.457359097	1.900539558
		0.958975204	1	1.454842825	1.261060845	1.251530487	1.162458779
		0.86393461	1.184556033	0.950163918	0.805686231	1	
		1.176148668	2.985646364	2.229151078	1.015843497	1.109005388	
		0.961543937	0.369957592	1.323482625	0.819584055		
YOR349W	"YOR349W::CIN1::Protein involved in chromosome segregation, required for microtubule stability"	1					
		0.934488648	1	0.914452637	0.966263508	1.144997897	0.994841881

0.908259735	0.952081391	1.097296484	0.947830659	1	0.737074149
0.913762789	1.172207743	1.20194129	1	1.026313144	1.877869731
1.552972703	0.799648277	1	0.881738661	0.907580047	0.727336467
0.756006452	1.049520737	1	0.796101225	0.800031415	0.853727711
0.9569565	1.016030271	1	0.78899274	0.916038824	0.978692959
0.679045569	0.949882282	9.366549534			
YOR349W	"YOR349W::CIN1::Protein involved in chromosome segregation, required for microtubule stability"				
1	0.983963008	0.972831236	0.899254137		
0.939192274	1	0.942820138	0.857575872	1.073711391	0.981295649
1	0.911781323	0.964003623	1.150901794	1.051117557	1
0.877519227	0.937233342	1.247048786	1.414257982	1	1.15265173
1.982340486	1.656532669	1.489847542	1	0.920579114	1.037143907
1.023081939	0.945213644	1.114344793	1	0.702728971	0.936499571
0.943066382	0.952933193	1	0.647336458	0.898737426	0.982263469
0.954616111	0.84977337	1.165455518			
YOR351C	"YOR351C::MEK1::Disp. for chr. pairing & chr. condensation seen by in situ hybrid. Required for full double strand breaks, normal length synaptonemal complexes, meiotic recomb. & spore viability. mek1 is rescued by spo13 & in early recomb. function"				
1	1				
1	1.23610677	1.437724652	1	0.737289076	
1.46208382	0.215370898	0.330750968	0.388106831		
1.109337998		0.736300753			
0.939464615		3.276585098			
YOR353C	YOR353C::YOR353C::molecular_function unknown				
1	0.832495788				
0.843061712	0.965212676	0.845956354	1	0.87222	0.861775724
0.956923574	0.804129508	1	0.850022637	0.880542363	0.628479868
0.956587347	1	1.006898889	2.382770562	0.399616304	0.84702872
1	1.649301207	1.005286053	0.690805447	1.061003879	1
1.021289058	1.104482528	1.142225665	1.03210816	1.317107714	1
1.070908002	0.791832285	1.040533995	0.952411413	0.803587854	1
0.907765824	0.849085866	1.127721276	0.932248983	0.963685035	1.062131964
YOL125W	YOL125W::YOL125W::molecular_function unknown				
1	0.864013048				
0.714768888	0.906632749	0.729064008	1	0.931555703	0.882733597
0.823169019	0.774702929	1	0.757664367	0.652914451	0.372304556
0.867876836	1	0.600372628	0.477919953	0.523779464	1
0.657230206		1	1.094000377	1.042298008	1.260009514
1.559152723	1.232622967	1	0.850831916	0.624205444	0.567233014
0.949001076	0.431899609	1	0.675119951	0.649849697	0.775132911
0.707625113	0.578320195	0.640081149			
YOR355W	YOR355W::GDS1::involved in nuclear control of mitochondria				
1					
1.263562285	0.893478151	1.348640418	0.778306893	1	1.150007788
1.291481087	0.781730011	0.940990843	1	1.061928343	0.920579225
1.031277683		0.679103503	0.681048515	1	
1	0.953664715	0.890589477	1.041185715	0.91357467	0.774493347
1	0.583710512	0.743029343	0.665823356	0.69828822	0.577847113
1	1.589263107	2.097160173	1.631640279	1.60131038	0.846728415
YOL127W	YOL127W::RPL25::Homology to E. coli L23 and rat L23a				
1					
1.120596943	0.792765504		0.84795092		
0.717351074	0.828192403	0.992112507	0.752842535	0.5016559	
0.460725176	1	1.535464844			
0.712869645	1	1.758424334	1.385492536	1	
1.030241678		3.44558039			
YOL141W	YOL141W::PPM2::carboxy methyl transferase; homolog of PPM1				
1					
0.92821408	0.833045883	1.208888088	1.015519348	1	0.962519712
0.976340006	0.87443384	0.877539926	1	0.625322468	0.604409981
0.439943223	1.105713093	1	0.449696815		0.440138373
0.398145123		1	0.745226254	1.008848471	

	1.259122222	0.984995669	1	0.565714074	0.470526842	0.380245095
	1.145192735	0.362876968	1	0.42109648	0.637760475	0.90112772
	0.787875924	0.454820729	0.956181415			
YOL143C	YOL143C::RIB4::catalyzes synthesis of immediate precursor to					
riboflavin	1	0.993320771	1.38839426	0.959408143	1.319561424	1
	0.880523071	1.166737576	1.44209029	1.112980984	1	0.956858277
	0.972459516	1.30593976	0.931589964	1	1.120919171	0.855728835
	1.060184005	1.853438141	1	1.739294234	2.166308834	2.517320877
	1.878054361	1	1.066859668	1.085875976	1.030239393	0.788873926
	0.816635893	1	1.392010612	1.416074661	1.051005397	1.085511072
	2.1114727	1	0.848602213	1.213114191	0.89199351	1.451891227
	0.775936506	1.712720518				
YOL145C	YOL145C::CTR9::CTR9 is required for normal CLN1 and CLN2 G1 cyclin					
expression	0.918540092	1.029491454	1.250087262	0.986800768		
	1.098130302	1.045659688	1.02818451	0.811561995	0.94280423	
	1.08944848	0.865907402	1.074929971	1	0.997497334	0.821105441
	0.806652637	0.552742644	1	0.903910664	0.627275132	0.676454615
	0.662001137	1	1.129552955	1.06709099	1.172580874	1.250685819
	1.277532427	1	1.17016515	0.943420273	0.787371194	1.0105737
	0.53510806	1	0.95566737	0.749468422	0.849089984	0.854874261
	0.823385485					
YDR540C	YDR540C::YDR540C::molecular_function unknown					
	1	1.74582913				
	1.514368551	1.397308422	1.766064349	1	1.511065223	1.42364305
	1.670641367	1.449113714	1	1.564584279	1.437025607	1.802929349
	1.130868902	1	0.897437707	0.851529825	1	0.741635308
		1	0.984658275	1.086765282	1.316041876	1.25332976
	1.141202566	1	0.786964267	1.04874501	1.23623122	1.347828651
	1.393622334	1	1.016955179	1.082480234	1.216091427	1.315408874
	1.570728948	1.39486908				
YOL147C	YOL147C::PEX11::May promote peroxisomal proliferation by					
participating in peroxisomal elongation or fission or segregation of peroxisomes						
to daughter cells	1	2.079123268	1.532943504	1.414275884	1.246036704	1
	1.637454977	1.30354127	1.659002265	1.634277735	1	1.676656611
	1.415350034	1.550648461	1.645300967	1	1.783799984	2.074057976
	1.567782555	1.725709956	1	1.168612751	1.290960553	1.279842357
	1.411243609	1	1.133523666	0.976313629	1.066015945	1.191223839
	0.743974455	1	0.79591041	0.938144242	0.691602612	0.702974743
	0.911354139	1	1.065968145	1.001227573	0.930932434	1.121556337
	0.867441673	1.248639823				
YDR542W	YDR542W::YDR542W::molecular_function unknown					
	1	1.609648145				
	1.82729997	1.409257546	1.894165627	1	1.57224785	1.334702325
	1.781311101	1	1.683000058	1.759686344	2.636827776	1.654237691
	1.398936722	1.039476536	1.516693358	1.62071693	1	2.182683385
	2.078622009	1.380989149	1.245115706	1.318934604	1.161874876	
	1.000580707	0.987491852	1	1.08159088	1.752773747	1.825788681
	1.319829368	2.11527649	1	1.115971168	1.640423962	1.21506268
	1.488428256	1.312490094	1.514829537			
YCLX09W	YCLX09W					
	1	1.196049216	1.042229983	1.070437436	0.911656651	1
	1.270845261	1.226769547	0.98391017	1	1.566747181	1.013648192
	1.117533504	0.824240912	1	1.24902129	0.700875643	1.157523587
	0.599035857	1	1.338259195	1.33365678	0.964788367	0.712123234
	0.937226797	0.840926328	1.277475077	1.512010507	1.317608618	1
	0.60621422	0.328930118	0.57181943	0.656670385	0.393482364	1
	0.726078752	0.477800999	1.063722761	0.53871856	0.875624	
YOL149W	YOL149W::DCP1::Decapping protein involved in mRNA degradation					
	1					1
	0.892505891	1.128716464	0.958179888	1.608522004	1	0.884000096
	0.810096072	1.152223831	1.07093083	1	0.853527008	0.905278472

0.93347506	1.033406036	1	0.926739179	0.38005643	0.52724618	
1.091238852	1	1.558593981	1.187173729	1.139890895	1.109364694	1
0.752756744	0.812176135	0.465821005	0.557011226	0.943603831	1	
1.208601853	1.431332559	0.91046956	1.264914072	2.165358657	1	
1.153999039	1.095757003	1.00307988	1.81137716	1.310353648	0.924658939	
YDR544C	YDR544C::YDR544C::molecular_function	unknown	1	1.173929123		
1.131680131	0.924729733	0.883229997	1	1.097600891	1.042428047	
0.92831385	0.940995928	1	1.095608372	0.995767088	1.399347122	
0.787242785	1	0.848137293	0.655815695	1.001492227	0.831779452	1
0.751227148	1.27947974	0.892393625	0.843533112	1	0.880450241	
0.771943024	0.773156505	0.936058065	1	0.748999215	0.712281707	
1.019412937	1.050438795	0.915673644	1	0.747795656	0.719210356	
0.916843386	0.827721894	0.765945262	0.795942198			
YCLX11W	YCLX11W	1	1.38267359	1.136103265	0.631766614	0.707491624
1.072005524	0.935895408	0.687025782	0.68879416	1	1.76453246	
1.60791706	1.736268662	0.491790965	1	0.970701015	0.73277358	
0.849573687	0.65940879	1	0.770543748	1.108571723	0.744370287	
0.29498668	1	1.151639772	1.087116092	1.102864149	1.172485991	
0.944394813	1	0.824678729	1.023857821	0.695057504	0.651120474	
0.911593572	1	1.035324772	1.203350742	1.124073992	1.119458429	
1.349174279	0.805574095					
YOL151W	YOL151W::GRE2::induced by osmotic stress; similar to dihydroflavonol					
4-reductase from plants	1	1.046484926	1.116200943	1.293285202	1.234635522	1
1.261369033	1.313714071	1.423537326	1.484053677	1	5.288673245	
4.942499516	2.280704427	1.654042791	1	12.86359554	13.86784005	
9.822903724	6.927890502	1	13.09137836	7.936479189	8.835316892	
7.043886765	1	3.060747335	4.475498851	2.806617564	0.865235767	
0.672375906	1	3.638409899	4.468690466	1.942062146	0.516381211	
0.229668957	1	3.787629844	3.763441762	1.333483398	0.416015892	
0.394721718	5.345684537					
YEL013w	YEL013w::VAC8::An armadillo repeat-containing protein localized on					
the vacuolar membrane	1	1.100697007	1.018959935	1.161155184	0.726501165	1
1.420481692	1.3234529	0.787704577	1	1.191314805	1.128459676	
0.815967565	0.867208924	1	1.763639022	1.399867334	1.717829062	
1.193315616	1	7.230024433	9.473201986	8.473848148	1	
0.908607399	0.954874029	1.131281717	1.076767359	0.852769413	1	
0.98867734	0.776624398	1.10475752	0.645196796	0.525475289	1	
1.085106522	0.821301137	0.985353896	0.821849128	0.948810571	0.687364863	
YCR013C	YCR013C::YCR013C::molecular_function	unknown	1	1.619726663		
1.325949584	0.954059372	1.383241709	1	1.098035463	0.974491075	
1.249545037	1.264840497	1	1.233391891	1.212985546	2.440862783	
0.769913069	1	1.725681284	1.547039438	2.813298704	1.324039598	1
1.999033482	3.319960285	4.910835508	1.210640816	1	1.283419931	
1.367994668	2.285600227	1.431515957	1.049919367	1	1.449778143	
2.480019288	1.856686409	1.120097105	1.611437428	1	1.355188885	
2.08253285	1.264084361	1.51131238	1.529744542	2.147905732		
YOL165C	YOL165C::AAD15::high degree of similarity with the AAD of P.					
chrysosporium	1	1.405585405	1.332149363	1.05194018	1.621096932	1
1.100871476	0.942222473	1.613670615	1.48226272	1	3.564773534	
3.95929699	2.567146914	1.156557702	1	2.766831973	2.699903567	
3.739901088	2.77560525	1	3.624390099	7.177820237	6.180518886	
1.800030415	1	2.203464463	3.987027064	3.897352371	1.183085706	
0.962336131	1	2.574076612	7.029875177	6.250882597	5.297335333	
2.743535066	1	3.5562556	8.151449918	4.43744473	1.76244572	
1.338263989	2.801996842					
YEL015w	YEL015w::YEL015w::molecular_function	unknown	1	0.729248957		
0.872753497	0.848022029	0.849868686	1	0.872999756	0.847877071	

0.838460561	0.769292876	1	0.684342035	0.785374171	0.589911974
0.844438085	1	0.666480308	0.614043646	0.550427978	0.865670855
0.839482634	1.18798055	1.238774981	0.926059506	1	1.083163595
0.952389917	0.8863153	1.092961441	1	1.067622747	0.862015929
1.020606509	0.893728188	0.756111786	1	1.01759223	0.846092363
1.071943788	1.033952653	0.971847248	1.01484825		
YCR015C	YCR015C::YCR015C::molecular_function	unknown	1	0.878200281	
0.906209719	1.137826858	0.971070787	1	0.9878506	0.987818373
0.95528093	1	0.945008191	1.012335992	0.749904502	1.266366788
0.821822243		0.624025462	0.873314852	1	1.278448736
1.177086318	1.175901072	1	0.864120014	1.016487375	0.851467616
0.919976243	1.182516287	1	0.944037993	0.958819872	0.896466222
1.003898996	1	0.74782283	0.803985418	0.968856896	0.56662166
0.835345293					
YOR001W	YOR001W::RRP6::Ribosomal RNA Processing		1	0.832597435	
0.764365614	0.938513422	0.849015332	1	0.822160804	0.823680245
0.8684579	0.844923314	1	0.609927423	0.486658632	0.419759864
0.838524857	1	0.527816747	0.305189599	0.624133878	1
0.629542681	0.809114719	0.446437474		1	0.929253341
0.951213471	1.115678563	1.108307658	1	0.64816067	0.499924657
0.364193542	0.727306164	0.462587136	1	0.801479676	0.692914867
0.830709454	0.841456258	0.415327337	1.377356512		
YCR017C	YCR017C::CWH43		1	2.040084547	1.679976862
1.882841218	1.898347399		1	1.765247404	1.939081704
1.681723711					
1.013186906	0.874641552	0.984713605	1.038446664	1.064397141	1
0.763280764	1.29366566	0.813604274	0.951967455	1.050037362	1
1.0405074	1.028177943	1.331154214	1.073565167	1.140062488	
YEL018w	YEL018w::EAF5::Esalp-Associated Factor-5		1	1.199259548	
1.351152768	1.14111228	1.693171952	1	1.141661694	1.063256376
1.227254963	1.48187602	1	0.869191409	0.999904226	1.230227939
1.128804385	1	0.906170371	0.828381836	0.956221982	1
1.049564621	1.311796397	0.798370366	1.155275992	1	0.773635455
0.82139846	0.58041803	0.635382042	0.85245878	1	0.853135737
1.262897361	1.000864799	1.135498059	1.254061218	1	1.203976576
1.134659502	1.107570877	1.763674539	1.23875061	1.076141872	
YCR019w	YCR019w::MAK32::Protein necessary for structural stability of L-A double-stranded RNA-containing particles		1	0.981517196	1.0580886
1.077270268	0.980992405	1	0.979417272	1.053515052	1.250955366
1.08605616	1	1.271505074	1.390129961	1.326443399	1.288760439
2.211725865		1.689375404	1.376444682	1	2.155226353
1.014272919	1	1.065874893	1.217691841	1.111596273	0.854810437
1.060790159	1	1.130184555	1.165800904	1.231742345	1.26562978
0.976720943		1.006740511	0.89021277	0.930080392	0.881732321
1.150547545	0.978947659				
YEL020c	YEL020c::YEL020C::molecular_function	unknown	1	0.773023128	
0.808226371	0.912866096	0.625950298	1	0.947390726	1.018475193
0.769374635	0.821951507	1	0.796806696	1.006140733	0.956929318
0.961213717	1	1.770369746	1.384464308	1.779765865	1.728921674
1.361349682	1.275946732		1.27786729	1	1.022603215
1.341879444	1.052396682	1.177548149	1	1.159978256	1.096590092
1.329108624	1.315213883	0.588041288	1	0.996015978	0.88910019
1.010136032	0.937256236	1.11823976	1.019226366		
YCR020Ca	"YCR020Ca::MAK31::Like Sm protein; member of the Sm protein family, though slightly divergent because Mak31/Lsm9p does not contain a glycine or cysteine at amino acid 107."		1	1.228146004	1.66396802
2.056574815	1	1.117382373	1.084116527	1.791765544	1.614568321

1.198961302	1.553353462	1.392081325	1.364752795	1	0.875746434
0.48044703	0.567835702	1.290179645	1	1.969608868	2.411936766
1.543788983	1	0.97480977	1.251228725	0.860892024	1.067611056
1.137346075	1	0.922853788	1.735014538	1.43031799	1.42603579
2.491167464	1	0.98945263	1.296227892	0.992447768	1.816944164
1.057463027	1.575247598				
YEL022w	YEL022w::GEA2::Guanine-nucleotide Exchange on ARF				1
1.111276142	0.916255169	1.35875725	1.055976083	1	1.163381918
1.283228055	0.937613639	0.81222411	1	1.081839228	1.083597015
0.562652224	1.095788908	1	1.032823197	0.690498124	0.744645003
	0.505610882	0.523485719	1	0.818485168	0.99978002
0.968564156	0.967470398	1.042012372	1	1.140153246	0.791924319
1.027527312	0.859603021	0.371484985	1	1.104156258	0.822356112
0.823361548	0.811492339	0.745837956	0.703126049		
YEL036c	"YEL036c::ANP1::Mannan 8; Protein of the endoplasmic reticulum with a role in retention of glycosyltransferases in the Golgi, also involved in osmotic sensitivity and resistance to aminonitrophenyl propanediol"				1
0.727886368	0.656844482	0.856509648	1	0.965001957	0.881277123
0.735134041	0.822494965	1	0.766562	0.670913839	0.570513855
0.869218705	1	0.955172645	0.701304776	0.677159348	0.678293054
0.80880139	0.791243673	0.401498648	1	0.892325613	0.858871445
0.934498632	0.989558741	1.070787601	1	1.031154601	0.789962786
0.858199346	0.806823127	0.554628324	1	0.88118671	0.740974764
0.880508476	0.923491842	0.875624			
YCR022C	YCR022C::YCR022C::molecular_function unknown				1
1.24943886	1.169552534	1.304457562	1	1.073679244	1.11016761
1.19006261	1.231190465	1	1.081496555	1.100332583	1.218304826
1.065180341	1	0.915682437	0.905429584	0.907477613	1.212797913
1.455399233	1.442996253	1.634744774	0.794910827	1	0.796050739
1.053692734	0.800375805	0.79524089	0.961403599	1	1.203036367
1.109092581	1.008241532	0.680892829	1.190219968	1	0.987859329
0.912515277	0.880630283	1.165560839	1.145855104	0.940420177	
YCR034w	"YCR034w::FEN1::Involved in synthesis of 1,3-beta-glucan, a component of the cell wall, and elongation of fatty acids up to 24 carbons"				1
1.552221289	0.929519124	1.004438538	1.017978083	1	1.091032894
0.877858894	0.855171716	0.907256416	1	1.113743905	0.611811782
0.480759217	0.777817665	1	0.820181522	0.396337104	0.38158279
0.594061304	1	0.514708964	0.299976982	0.269275069	0.232530989
0.918780358	0.67979395	0.704755028	1.024020599	0.805673228	1
0.670984783	0.767831036	0.377194617	0.430298545	0.646880923	1
1.04764272	0.829206942	0.800962141	1.343207513	0.742198553	1.01309692
YCR036w	YCR036w::RBK1::ribokinase				1
1.067276984	1.126438239	1	0.997339228	1.037640767	1.290688285
1.305513679	1	0.920889028	1.255081386	1.646365644	1.081658884
1.545628715	1.22687335	1.553300015	1.922413712	1	1.839038832
2.190235925	2.723069937	1.517468009	1	0.915554952	1.398020341
1.395813859	1.255297669	1.31080361	1	1.112476448	1.089891766
1.447105406	0.955734849	1.018715687	1	0.958476871	0.887820938
0.746346532	0.868057257	0.985016656	1.031485049		
YOR357C	YOR357C::GRD19::Functions in Golgi retention.				1
0.97917489	0.786794222	1.139090796	1	0.801215943	0.876426744
1.086252205	1.119604998	1	0.839170761	0.939656965	1.414220089
0.948018787	1	1.45584617	1.051637917	1.320731477	
1.026795328	0.830836684	0.96317591	0.446812089	1	0.790535722
1.31738456	0.934606298	0.763256678	0.986609276	1	0.921797717
1.235039911	1.390460418	1.23737821	1.827021479	1	1.167046741
1.52058075	0.942269076	1.461864816	1.736394305	1.467545823	

YOR371C "YOR371C::GPB1::Gpa2 interacting partner; Homolog of GPB2

 Functions, with Gpb2, in the cAMP-PKA pathway via interactions with Gpa2 and
 another unknown target." 1 0.952845135 0.694974613 1.076288768
 0.572850301 1 0.973616265 1.096246511 0.621633079 0.592031749 1
 1.319129314 1.010797264 1.021999351 1 1.080534918 0.551065923
 0.907216694 1 0.584488957 1 1.076430735
 1.046192104 1.342717233 1.137794593 0.932269392 1 1.024107137
 0.863890507 0.978187714 0.803617515 0.754136929 1 0.905443803
 1.235957452 1.183209434 1.156301379 0.993827102
 YOR373W YOR373W::NUD1::Spindle pole body protein 0.993648586
 0.965717653 0.874390178 0.750869242 0.990375527 0.96108425
 0.8281125 0.80041083 1.115209614 1.01858147 0.826176182
 0.952556287 1 1.047622887 1.06122946 0.964649607
 0.785812739 0.922530662 0.673617345 1 0.922565328 0.93986973
 0.895576728 0.949524045 1.00289589 1 0.889977602 0.76983972
 0.750800818 0.940128124 0.622686483 0.879477612 0.824588107
 1.0739717 0.821614158 1.056433244 0.857235872
 YOR375C YOR375C::GDH1::NADP-specific glutamate dehydrogenase 1
 1.97371755 1.623977023 1.224000478 1.409615768 1 1.55639031
 1.274774214 1.43585504 1 1.828015742 1.78540212 1.881286486
 1.438516838 1 1.107112766 0.562519178 1.189502707 1
 1.031057841 1.447786282 1 1.09046418 0.880581097
 1.538026397 1.491662136 0.96553922 1 1.102026217 1.494777498
 1.076036475 1.363221849 0.834026615 1.535046313 0.906098497
 1.311808007 0.779972412
 YOR377W YOR377W::ATF1::Alcohol acetyltransferase 1 0.809031946
 0.633439956 0.763060583 0.555354661 1 0.736449896 0.740998188
 0.489601432 0.516682126 1 0.827469913 0.68604032 0.472095486
 0.848334344 1 1.103453298 0.999698308 1.248726913 0.914647555 1
 1.105038719 0.89592501 1.215525183 0.818417896 1 1.250156641
 1.058687672 1.136193802 1.672840271 1.540447104 1 1.084033364
 0.933884511 0.934830694 0.677285198 0.767636774 1 1.051167724
 0.846618235 0.658603827 0.494012704 0.668550957 0.919405158
 YOR379C YOR379C::YOR379C::molecular_function unknown 1.097076684
 1.001021031 0.845829238 0.941946381 0.880902349 0.940735772
 0.942898758 0.86564377 0.867327932 0.905638622 1.276601676
 1.018883011 1 0.521002092 1
 1.132833011 1.180208193 1.061281395 1 1.102047625 1.078298426
 1.333335642 1.503357092 0.892797656 1 0.678940225 1.134930942
 0.858226135 0.395498845 0.664443114 11.78765019
 YOR381W YOR381W::FRE3::similar to FRE2 1 1.310773646 0.822972113
 1.119372375 0.987649763 1 1.146200364 1.177823795 1.024425148
 1.006107805 1 2.012631523 1.90132137 1.640510824 0.985134235
 1.436094772 1.019096554 0.465666807
 2.210445236 2.210703589 2.409483129 1.169337945 1.532202021 1
 2.005301197 1.899512192 1.772170562 1.095459547 0.37728385 1
 1.922599575 1.666086834 1.078803123 0.220711073 1.016507898 14.50996456
 YPL001W YPL001W::HAT1::histone acetyltransferase 0.892683104
 0.89397216 0.925824898 1.257975132 0.800291224 0.738112694
 1.070583877 1.003611063 0.788483309 0.815499836 0.82267046
 1.083740816 0.890695228 1.145372053 0.939265966 1.170379464 1
 0.758862593 0.956139907 1.008835871 1 0.806357159 0.682899916
 0.745853979 0.95168706 1 0.864160144 0.992241068 0.93973349
 0.894596894 1.311659205 1 0.856422594 1.091879183 1.08104959
 1.043318273 1.079920845 9.405952681
 YPL003W YPL003W::ULA1::Required for activation of RUB1 (ubiquitin-like
 protein) together with UBA3. Related to AOS1 and to N-terminus of UBA1.

Collaborates with UBC12 in conjugation of RUB1 to other proteins. Required for modification of CDC53/cullin with RUB1

	1	1.203192334	1.147196201		
1.117288512	1.346328178	1	1.131113373	1.145979266	1.414688505
1.144608999	1	1.117957325	1.401842556	1.867458007	1.091854775
1.637313077	1.5339302	2.224026665	1.728654584	1	2.350298241
2.503049847	2.514065012	1.408850071	1	1.278115373	1.368992652
1.355417908	0.899194096	1.249101631	1	1.264784985	1.37047411
1.705674895	0.868218591	1	1.164303897	1.14844418	1.108680383
0.872546145	1.270760148	1.307306659			
YOR003W	YOR003W::YSP3::subtilisin-like protease III	1	1.338350764		
1.20023595	1.281524968	1.279605486	1	1.266029213	1.459869706
1.246949852	1.363810303	1	1.076571825	1.698337171	2.014595587
1.356409501	1	1.700868139	3.699254852	3.079582084	1
2.426057426	5.198371392	4.261287324	2.40904247	1	1.112489355
1.122056048	1.258699071	1.156053645	1.166517653	1	0.989167612
1.269294733	1.114195618	1.181425057	1.20482083	1	0.982694602
1.115564505	0.915991687	1.113704624	0.932539819	1.621655646	
YPL005W	YPL005W::YPL005W::molecular_function unknown	1	1.488051813		
1.446318838	1	1.547865789	1.457652726	1.281415342	1
1.469409754	1.462669812	1.663888917	1.438412905		
		1	0.999130906	1.087325215	1.780536477
0.900821831	1.104198263	1	3.595245672	4.186397088	
3.094981524	1	1.672555518	2.814247777	2.793723646	1.417166591
1.22930076					
YOR005C	YOR005C::DNL4::DNA ligase IV homolog	1	1.109208641		
1.155200141	1.273329021	1	1.198262659	1.257860414	
1.348590506	1	1.026585048	1.209985848	1.280552228	1.373628655
1.176521582	1.293496174		0.450532623	0.4942528	
1	1.089993871	1.083924135	1.25752069	1.494154024	1.280094996
0.91464644	0.784553216	0.890199086	1.091549172	0.728332159	1
0.730302977	0.713799867	0.697724007	0.701252024	0.751324421	0.608558674
YOR007C	YOR007C::SGT2::small glutamine-rich tetratricopeptide repeat containing protein	1	1.233876543	1.123482394	1.541475458
1.211560663	1.254602317	1.406532397	1.45909278	1	0.866877331
1.384810591	1.323190558	1.399517506	1	1.106145805	1.096831908
1.20821683	2.088944079	1	1.081729277	0.753438391	1.061640747
1.939766388	1	1.125039439	1.322269892	1.598756925	1.125399396
1.06989926	1	1.272214961	1.819237846	1.129680741	0.661679467
0.704139201	1	1.414955648	1.406464586	1.123292395	1.031011897
0.962218005	1.357217158				
YOR009W	YOR009W::TIR4	1	1.279770222	1.240651166	1.152130654
1.256193744	1	1.200919143	1.212103072	1.3244446616	1.154262891
1.189676243	1.106151922	1.572955481	0.927089892	1	1.553006968
1.741283418	2.245147434	1.331010046	1	1.168179978	1.541362319
1.553848039	1.229847306	1	1.22544032	1.301054242	1.342658418
0.994814118	1	1.191279084	1.722487816	1.438223324	2.256579036
1.543709188	1	0.766797383	0.978184624	0.742734363	1.069787412
0.731166546	2.445617817				
YOR023C	YOR023C::AHC1::Ada Histone acetyltransferase complex component	1			
1.093803875	1.214480474	1.218826977	0.813992589	1	1.222323115
1.31630459	0.865718018	0.917232281	1	1.241754698	1.472970305
1.160951439	0.870727303	1	0.971396257	0.658289909	1.065086984
0.832139482	1	1.116206555	1.133337777	0.688540599	0.909856745
1.309065929	1.368423536	1.427655095	1.232703761	1.114095003	1
1.117364739	0.903623402	0.62296649	0.723895218	0.648353395	1
0.903645091	0.832651922	0.95022186	0.852341972	0.764925014	1.119923134

YEL038w YEL038w::UTR4::Product of gene unknown 1 1.345827515
1.319158498 0.892850444 0.825370586 1 1.160133744 1.152718848
1.034650808 0.999653533 1 1.077733832 1.263605288 1.816537448
0.696452355 1 1.479965336 1.248401244 1.478919528 1
1.273889774 1.168564357 1.288241338 0.799690138 1 1.237821934
0.902686108 1.134414416 1.045888359 0.98908101 1 0.940035197
0.844553136 0.83996842 0.642836017 0.716135793 1 1.008266816
0.839641325 0.759641719 0.944371669 0.695045476 1.048997512
YOR025W YOR025W::HST3::Homolog of SIR2 1 0.796361777 0.960454043
0.801697675 0.728641489 1 0.909639807 0.880933458 0.837318963
0.701800432 1 0.810809093 0.870599687 0.679213182 0.727892594 1
0.737592387 0.65470594 0.886699798 0.61122799 1 0.959782919
0.905687316 1.067856025 0.716118414 1 1.026486468 0.884567989
0.99174959 1.101127413 1.093276431 1 0.872084745 0.818342137
0.623825738 0.735211851 0.840223397 1 0.731983734 0.716701447
0.760253742 1.000431295 0.760677873 1.626033762
YEL040w YEL040w::UTR2::(alias: <u>C</u>ongo <u>R</u>ed
<u>H</u>ypersensitivity) 1 0.951125095 0.694755954 0.89065443
0.576684572 1 0.947205493 0.505613659 0.664081147 1
0.663305316 0.480693578 0.331918994 0.427383997 1 0.570101909
0.429757152 0.396559742 0.436275546 1 0.33186387 0.2046131
0.215077659 0.368185969 1 0.959748995 0.66807977 1.219128121
1.394917807 1.094231053 1 0.62734291 0.447836265 0.565517347
0.561436713 0.257271233 1 0.786731908 0.387447583 0.791890779
0.568395547 0.346650091 0.64270804
YCR038c YCR038c::BUD5::GTP/GDP exchange factor for Rsr1 protein 1
0.948161516 0.967674616 0.945710574 0.996484499 1 0.938283478
1.114793309 1.047675178 0.913909002 1 1.039861787 1.04023331
1.123966498 1.151516742 1 0.870976813 0.673609756 1.284261085
1.303711227 1 1.367029328 2.075281436 1.121632657
1.208595416 1.185476477 1.095193375 0.895868844 1.163556315 1
0.92101334 0.951839513 1.067114944 0.88968417 1.331533153 1
0.774260706 0.826588194 1.039423059 0.831546357 1.65396194 0.964937646
YOR027W YOR027W::STI1::Heat shock protein also induced by canavanine and
entry into stationary phase 1 0.689940117 1.071421455 1.058741025
0.564640295 1 1.05532013 1.400949664 0.846702557 0.577492385 1
0.956007275 1.41036321 1.391439331 0.59682089 1 1.819094343
2.276204977 2.890024891 1.756304957 1 1.370251171 1.264385595
2.066549362 2.178784697 1 1.161779079 1.227242159 1.197707507
0.940589325 1.061492039 1 2.582304594 1.02572657 0.386097093
0.506914349 0.285567223 1 1.247706531 0.675938749 0.537776717
0.438217897 0.618667031 0.890509573
YEL042w YEL042w::GDA1::converts nucleoside diphosphates to nucleoside
monophosphates to recycle nucleosides and promote transport of additional
nucleotide sugars into golgi 1 1.220667023 0.812241365 0.988584874
0.706767788 1 1.189728757 1.127216542 0.69789554 1
1.126904283 0.758086535 0.456466321 0.716171827 1 0.522688775
0.420254414 0.737421577 1 0.526631049 0.448734074 0.260771417
0.524503323 1 0.985357061 0.666928283 0.780119682 0.998432545
0.854771446 1 0.833517518 0.40555681 0.598004148 0.673716584
0.439045894 1 0.809835362 0.500362439 0.919026567 0.709670766
0.525066564 0.723265402
YCR040w YCR040w::MATALPHA1::transcription factor involved in the regulation
of alpha-specific genes 1 1.266925843 1.304038213 0.907786426 1.286757261 1
1.025002041 0.678342824 1.105908552 1.034166138 1 0.955259126
0.987305372 1.249318123 0.790559051 1 0.829984679
0.735333548 1 0.729135075 1.380456058 0.900347969 1

	0.991790713	0.900862399	0.784360405	0.902243173	0.840774644	1
	0.848731105		1.668136739	1	0.811665965	1.149031456
	0.640686625		1.304679768			
YOR029W	YOR029W::YOR029W::molecular_function	unknown		1		1.956407466
	2.423922858	1	1.902693536	1.559379484	1.701615201	1
	1.678808331	2.129275586	2.116775605	1.706996331	0.593796819	
	0.565247907	0.282892582		0.359841354	1	0.780772719
	0.845431821	0.826385758	1.11200831	0.852939631	1	1.353373303
		1	1.13150853	0.700288507	1.079635595	0.754702902
	1.472261485					
YEL044w	YEL044w::IES6::Ino Eighty Subunit 6		1	1.217763118	1.211636255	
	1.143564757	1.014671277	1	1.21708473	1.176844354	1.186333587
	1.089259659	1	1.115607219	1.07515787	1.05504232	1.074595541
			1.00933277	0.701123284		1
	1.21840023	1.027415038	1.321163951	1.116608367	1.023665385	1
	0.839661553	0.703657623	1.074490877	1.224200373	0.835258419	1
	1.009864803	0.728374181	1.045750475	0.839712721	0.608336022	1.17683864
YCR042c	YCR042c::TAF2::TATA binding protein-associated factor (TAF)			1		1
	0.977475894	0.97985169	1.158041572	0.97719654	1	0.955480948
	1.024329877	0.787339306	0.9104578	1	0.856539374	0.958648312
	0.760109342	1.045116991	1	1.099609439	1.05391164	1
	0.852336141		1	0.898794367	0.958759325	0.892946125
	0.947732725	0.902967847	1	1.021490923	0.780349068	0.916271868
	0.826023066	0.863079495	1	0.950091766	0.796990422	0.937947694
	0.916400501	0.989070256	0.838847796			
YOR031W	YOR031W::CRS5::Metallothionein-like protein			1		0.843001235
	0.941692733	0.824032118	0.961352882	1	0.761144745	0.847772857
	1.062798312	0.838065562	1	0.938297821	0.88239584	0.977016107
	0.869727618	1	2.583673012	2.225394242	2.032897338	1.884287736
	0.874892034	1.325402014	1.759883183	1.030846049	1	1.037502458
	0.686499803	0.675555309	0.967335884	0.986588599	1	0.984694949
	0.727350801	0.644362211	0.728288909	0.847084972	1	0.837726646
	0.81569688	0.86641954	1.149970517	0.828186566	0.739902305	
YEL046c	YEL046c::GLY1::L-threonine aldolase that catalyzes cleavage of L-allo-threonine and L-threonine to glycine			1		0.694960807
	0.425082603	1	0.974705424	0.92980543	0.544226907	0.658205656
	1.881780963	1.012890032	0.511979625	0.722272228	1	0.943845854
	0.397294436	0.560085758	1	0.784308035	0.38839961	0.263423056
	0.434094327	1	1.209147255	0.784457766	1.511886833	1.342345549
	0.78735509	1	0.821246362	0.524988936	1.051021563	0.937224357
	0.17055586	1	0.905641359	0.462745914	0.796883077	0.462333134
	0.267898391	0.598926829				
YCR044C	YCR044C::PER1::Protein Processing in the ER			1		1.006698649
	0.897776561	0.8733013	0.860871639	1	0.878699221	0.86946989
	0.871164251	0.870034284	1		0.949891416	0.925976714
	1.566614638	0.90901179	1.222227075	0.818506411	1	1.124464441
	1.014410625	0.736948714	0.491395475	1	1.00738314	1.307490975
	1.280775727	1.185812982	0.942861216	1	1.006534873	1.138531505
	0.914358249	0.86672498	0.561041632	1	0.97775062	0.862105969
	0.792501662	0.789823946	0.790015852	1.074390646		
YOR033C	YOR033C::EXO1::Protein that complements a drug-hypersensitive mutation			1		0.844980031
	0.998422686	1.120248233		1.040549464	1	0.81366075
	0.885010938	1.27315276	1	0.726715885	0.846874968	0.646490349
	0.973959171	1	1.012370245	1.119324816		0.992990789
	1.083992745	1.142045396	1.454714645	1.150517923	1.221049711	1

0.871185647 0.982353142 0.650631099 0.818440414 0.788451162 1
 0.723685417 0.870560158 0.695159614 0.974508701 0.600698706 1.346709701
 YEL060c "YEL060c::PRB1::dispensable for haploidization and sporulation, but
 needed for full protein degradation during sporulation, and proper spore
 morphology" 1 0.985670078 1.116600923 1.199562534 0.763091255 1
 1.197012437 1.63275946 0.95383167 0.918018399 1 1.627340547
 2.145857589 2.082594843 1.281378823 2.297007028 2.488570539
 1.227032041 1 1.004171537 1.23275872
 0.796218284 0.757738352 1 1.180237545 1.034079262 2.199931288
 2.055792237 1 1.114274689 0.47003865 1.454002155
 0.652339884
 YCR058C YCR058C 1 0.873833842 1.454654885 0.617182281 1
 1.080253162 1.081732213 0.969822831 0.853950356 1 0.524970463
 0.504830441 1.393047259 1 0.138446998 0.313132877 1
 0.196670692 1 0.56711135 0.435640681
 1.139637899 0.79853949 1 0.579904595 0.358856472 0.294603638
 0.884786676 0.236756586 1 0.342770601 0.784710876 0.420606254
 0.334551365 0.471085701
 YEL062w YEL062w::NPR2::Putative post-transcriptional regulator of nitrogen
 permeases 1 2.047275417 1.51567471 1.720818264 1.224018879 1
 2.013091725 2.07130833 1.646706458 1.340138226 1 1.715338716
 1.57626767 1.412883306
 1 1.16819402 1.323388323 1.308260782 1.136091234
 1.102259628 1 0.995003423 0.8356747 1.294539898 0.914065228
 0.76183476 1 1.172240686 1.006768148 1.226378716 0.860182256
 1.24344775
 YCR060W YCR060W::YCR060W::molecular_function unknown 0.835596453 1.000292503
 1 0.38083748 0.766586703 1.541210184 1 1.509913938
 1.130961321 1.326809686 1.11119437 1 0.856835009 1.039985856
 0.800719274 0.846138124 0.796712325 1 0.988621909 1.880602958
 1.507546551 1.526035367 2.545910719 1 1.039818846 1.187833674
 1.248918258 1.444544154 1.147730357 1.429018341
 YEL064c YEL064c::YEL064C::molecular_function unknown 1 1.266196932
 0.943391066 1.042049816 1.274719013 1 1.026017567 1.041933335
 1.185919902 1.092765147 1 1.483759562 1.169535522 0.972206749
 1.2992146 1 0.874248014 0.553330879 1.007765708 1
 1.428902043 2.132047208 0.987516921 1.072663197 1 1.271950601
 1.226331387 1.38988912 1.176031367 1 0.947632297 1.301307637
 1.280412336 0.834822913 0.870598042 1 1.50869726 1.59015201
 1.093196242 0.968664575 1.072639421
 YEL066w YEL066w::HPA3::Histone and other Protein Acetyltransferase; Has
 sequence homology to known HATs and NATs 1 1.11163759 1.296952729
 1.024336445 1.493282621 1 0.926971656 1.072664512 1.71810902
 1.922864557 1 1.106261128 1.343461275 1.54803972 1.835590866 1
 1.1937672 0.844086266 0.805850165 1.800699573 1 1.577414994
 2.456173945 1.706135511 1.778762161 1 1.295074842 1.5613109
 1.572602349 1.177039767 0.993304678 1 1.146504299 1.944852434
 1.966517372 2.157037508 1.997555009 1 1.078144797 1.442090222
 1.567717646 1.339747089 1.002925965 1.081395653
 YCR062W YCR062W 1 1.501392472 1.643101257 1.406262213 1.335908294 1
 1.368111296 1.460292965 1.647359383 1.619593058 1 1.899212221
 2.365098371 4.653346135 1.371873037 0.592753861
 1 1.017982995 1.193262296 1.294790617
 1.04499147 1 0.868999651 1.017134047 0.888190837 1
 0.938637548 0.965353079 1.042555828 1.011471609 1.097015602 0.922907714

YEL068c	YEL068c::YEL068C::molecular_function	unknown	1	1.029860406
	1.352404516	1.009372339	1.715831863	1 0.923258185 1.011394755
	1.491612421	1.497548372	1 0.890301149	1.165233452 1.651893994
	1.351448089	0.673838363	0.388762178	0.578837415 1.036975457 1
	1.400426281	1.327970923	2.103678601	1.264804353 1 1.14831691
	1.169634649	0.822666405	1.040512564	1.180121523 1 0.924828688
	1.720404314	0.904831301	1.203633177	2.421703698 0.854479523
	0.962970542	0.921738847	1.325681422	0.959966046 1.073514981
YCR064C	YCR064C::YCR064C::molecular_function	unknown	1	1.268022195
	1.268503614	1.370305787	1.143254797	1 1.318228544 1.211062902
	1.301354131	1.226257915	1 1.167498926	1.076006135 0.897075663
	1.237835021	1 1.064858221		0.356235095
	0.157634425	1 1.011148152	0.854481013	0.941099036 1.164736146
	1.01199526	1 0.756796126	0.468955051	0.709390528 0.788714023 1
	0.802574904	0.91689739	0.844750209	1.051291169 0.673553238 0.855484646
YCR066w	"YCR066w::RAD18::Zn finger protein, putative ATPase"		1	
	1.411075438	1.42971234	1.59407749	1 1.342193617 1.516526064
	1.346806603	1 1.208097156	1.305053066	1.170955367 1.37423279
				0.86393461
	1.044655126	0.917376	0.921077238	0.977923141 1 1.046778871
	1.018322076	0.773952386	1.043910127	0.998341457 1 1.116754584
	1.123043725	1.117489444	1.122092036	1.09903447 1.087524994
YCR068W	YCR068W::CVT17::Cytoplasm to vacuole targeting mutant		1	
	1.022213381	1.060958327	1.280859092	0.683219007 1 1.265441896
	1.461665386	1.015269646	0.760891757	1 1.83035773 2.12123832
	0.726640562	1.485195209	1 2.212687171	1.956012412 1.540890641 1
	0.879580383	0.915851841	0.799376464	0.67882522 1 1.123111673
	1.226576514	1.434176867	1.43280356	0.963749716 1 1.208886375
	0.701023316	1.211778715	1.883543339	0.425667733 1 0.872563679
	0.709379914	1.123356027	0.353948081	0.906975654 0.741653531
YPL007C	YPL007C::TFC8::Transcription factor for RNA polymerase III		1	
	0.89148276	0.789791289	1.134756608	0.861110144 1 0.935693961
	0.880143065	0.786857008	0.789990005	1 0.930529612 1.017499643
	1.135892213	1 1.230329326	0.393714077	0.814424317 0.874391997 1
	1.80739704	1.445517481	1.342419166	1.454357364 1 1.25896032
	1.301831353	1.508735092	1.198893042	1.314982844 1 1.094796313
	1.085635535	1.103802115	0.876202188	0.855488015 1 1.349430139
	1.613797294	1.323811634	1.588326511	1.535821883 1.032360714
YPL009C	YPL009C::YPL009C::molecular_function	unknown		0.948090967
	0.840447656	1.415572872	0.835060543	1.0388046 1.28730376
	0.836342565	1.217688309	1.1106028	0.670756885 1.252126974
	0.967944604	1.080168306	0.790796909	0.570441841
	1 0.978590992	1.058719543	1.022429708	0.943255106 0.862466435 1
	0.994828416	0.894321117	0.933427374	0.846379535 0.614688631 1
	0.925895361	1.094931266	1.08724813	0.79379666 0.870412312
YPL011C	YPL011C::TAF3::TAF(II) complex (TBP-associated protein complex)			
component	1 0.594117671	0.710181015	0.689847981	0.746670035 1
	0.61723493	0.638910464	0.8081308	1 0.665188068 0.651861942
	0.570853249	0.821614446	1 0.675271916	0.750985872 1.192132586 1
	1.513744774	1.487682726	1.791271294	1.247116064 1 1.204064266
	1.181502926	0.772603154	0.890446259	1.14479798 1 0.876400913
	0.927656599	0.801038659	0.932107062	1.245605893 1 0.836453664
	0.948647113	0.862109791	0.994969588	0.953186395 1.082271213
YPL025C	YPL025C::YPL025C::molecular_function	unknown		1.055212951
	0.852974697	1.089074178	0.650035391	0.940735668 1.040167783
	0.805587814	0.822713233	0.863232537	0.907521165 0.980426858
	0.929060562	1 2.925441598		0.477308466

	1	0.961043387	0.771150086	0.812161253	0.829836111	1.028298457	1
	0.778703347	0.927274745	0.663710639	0.749088722	1.017403397	1	
	0.826576083	0.857302314	1.330905453	0.663405151	1.051127378		
YPL027W	YPL027W::SMA1::Spore Membrane Assembly						
					1.326322399		
	0.237332576	0.311255769	0.451098084	1	0.800130513		
	0.730581667		0.8265201	0.685001001	0.867751707	0.934863942	1
	0.764898665	0.755021514	0.756603274	0.767349674	0.998856108	1	
	0.920837972	1.027220921	1.100739065	0.784910234	1.58952569		
YPL029W	YPL029W::SUV3::putative ATP-dependent helicase 1 0.621354052						
	0.699551568	0.94990331	0.677418238	1	0.813173777	0.868512997	
	0.8244896	0.875363222	1	0.758102096	0.6044206	0.456489247	
	0.861540061	1	0.827095697	0.234685348	0.857446714	1	
	1.220502418	1.364736461		0.994011362	1	0.944510114	0.982099377
	1.089621813	1.018399297	1.054883043	1	0.976124711	0.775497144	
	0.827473067	0.895685916	0.770884916	1	1.03826349	1.021386173	
	1.140011382		1.213426346	0.818708442			
YPL031C	YPL031C::PHO85::involved in phosphate and glycogen metabolism and cell cycle progression 0.981335728 1.059100748 0.948187797 0.803733529						
	0.954053649	1.107169074	1.132857925	1.025913539	0.931953538		
	1.131757245	1.321648195	1.054371174	1	1.25738742	1.22705473	
	0.997442217	1.247757467	1	1.6194956	1.577971081	1.40803455	1
	1.150458219	1.203764352	1.48490015	1.157465472	1.032145665	1	
	1.047786935	1.080767844	1.461093882	0.983671458	0.850149365	1	
	0.945343642	1.00847074	1.035571184	0.739775618	1.235971028	1.238132366	
YPL033C	YPL033C::YPL033C::molecular_function unknown						
	1.110347577		1.484117036		1.187182117		
	1.035637921		1.628981066		0.540745968		
	0.38370844	1	1.225702836		2.369620539	1.041712835	
	0.792035141		0.688032	0.861934394	0.914769604	1	
	0.833355542	0.675272886	0.856595834	1	1.053285768		
	1.591786878	1.20135611					
YPL035C	YPL035C::YPL035C::molecular_function unknown 1 0.715615775						
	1.134253428		1.545178858	1	0.932466745	1.37334903	1.171639562
	1.409302182	1	1.09119145	1.279159313	1.232212294	1	
	0.59685346		0.624832273		0.41211512		
	0.591400928	1	0.767593876	1.040291995	0.80116077	0.77751239	
	1.283345476	1	1.090760559	1.252624378	1.270865168	1.392981662	
	1.391735077	1	1.027369093	0.710575819	1.413491145	0.01891106	
	1.646745784	1.069136866					
YOL022C	YOL022C::YOL022C::molecular_function unknown 1 0.609550964						
	0.57928454	0.626374515	0.655655937	1	0.522292002	0.746948602	
	0.821022252	1	0.566151135	0.425288568	0.698214439	0.523491939	1
	0.66439918		0.719361393	0.664761891	1.350433681	0.845373544	
	0.573059354	1.018644533	1	0.916144153	0.82049023	0.880937933	
	0.878928606	0.900532723	1	0.93682882	0.732855357	0.840591159	
	0.928826106	0.970461904	1	0.985619728	0.703524765	0.800599446	
	0.751503797	0.520617906	0.890509573				
YPL049C	"YPL049C::DIG1::Down-regulator of Invasive Growth, Regulator of Sterile Twelve, binds Fus3 and Ste12" 1 0.86971851 0.891456126						
	0.715012755	0.465553129	1	1.059212931	0.653473327	0.561903313	1
	0.972114487	0.946918959	0.889834064	0.679275309	1	0.796280318	
	0.764736678	0.79630432	0.604453209	1	1.122655266	0.772241594	
	1.081064585	1.293754325	1	1.042633445	1.095722589	1.001633387	
	1.109167455	1.104328264	1	0.752490332	0.710160249	0.712335581	
	0.799461746	0.957453683	1	0.793263973	0.606599497	0.903188296	
	0.424561539	0.983792992	0.707504217				

YOL024W YOL024W::YOL024W::molecular_function unknown 0.865594772
1.253838563 0.961318068
0.945215463 3.905347581 0.967241108 1 0.670058716 0.249770821
0.632062698 0.990131341 1 0.985165814 1.691409608 1.111206118
0.884169882 1 0.793303627 0.965040453 0.848142643 0.832944685 1
2.769537506 1 1.681223094
1.848078902
YOL026C YOL026C::YOL026C::molecular_function unknown 1 0.983077958
1.481790155 0.829837469 1.442546452 1 1.033329788 1.595549032
1.446065215 1 1.13433192 1.268644754 1.90796515 1.373435522 1
1.003719221 0.653702855 0.801113104 1.324520345 1 1.80910454
2.51993816 2.21704035 1.452564691 1 1.05766211 1.135134368
1.062046625 1.239898219 1.004888062 1 0.893629773 1.472363451
1.310425345 1.291797365 1.413892125 1 0.952734835 1.251287514
1.14538737 1.14872325 0.959802382 1.088400659
YOL028C YOL028C::YAP7::basic leucine zipper (bZIP) transcription factor
1.094614141 1.097820537 1.081247191 0.968200363
1.2675236 1.316550153 1.110173471 1 0.581351996
0.622905551 0.929855603 0.641185964 1 0.896210186 1.0924341
0.681756551 0.33773694 1 0.854958749 0.867824908 0.972780544
0.903925144 1.081980992 1 1.073885219 1.451583486 1.483726111
1.588834759 1.477352955 1 0.851438175 1.193465295 0.946065616
0.974267249 0.761784203 0.931663945
YOL030W YOL030W::GAS5::Hypothetical ORF 1 1.030671753 0.858618052
0.861998122 0.767158064 1 0.961095098 1.026547224 0.779852967
0.831191015 1 1.191199794 0.934719189 0.825547719 0.818650742 1
1.300053096 1.179026611 1.467692634 0.681912844 1 0.628362211
0.328717399 0.461512472 0.495792047 1 1.13768156 0.871564412
1.065731718 1.425569198 0.784362302 1 0.707989445 0.587599015
0.671671839 0.63563227 0.474135798 1 0.78824318 0.629054588
0.800926004 0.529259935 1.052336468 0.645334878
YOL032W YOL032W::YOL032W::molecular_function unknown 1 0.861130145
1.351705959 1.033732578 1.401934224 1 0.890298964 1.022776635
1.464999988 1.257724786 1 1.186887164 2.021955453 3.044894886
1.120266126 1 2.040908747 1.31737117 2.11259834 2.432102469 1
2.597409448 4.079174076 4.877677569 2.321651568 1 1.682147951
1.681681343 1.202506951 0.830957315 1.293214691 1 1.985138098
1.457950638 1.813018064 1.276387865 1.751840692 1 1.968946566
1.162797928 0.917751239 0.868494831 1.549514 1.399247195
YCR083W YCR083W::TRX3::mitochondrial thioredoxin 1 1.702429958
1.16621519 2.062499665 1 1.29187352 1.267024743 2.037885229
2.054565215 1 1.079756337 1.391271236 2.727796566 1.604547662 1
1.237204094 1.762372113 1.521065734 2.727229046 1 1.313435264
3.188693968 3.344222686 1.925128657 1 0.931144411 1.095879267
0.866123218 0.809218774 0.7866798 1 1.154164266 1.562514376
1.25412741 1.426167657 2.380971813 1 1.093717034 1.507692816
1.111088128 1.745692099 1.226514942
YOL046C YOL046C::YOL046C::molecular_function unknown 1 1.087652417
0.886403574 1.268783698 0.664142066 1 1.266278198 0.989837334
0.626672903 1 1.347364706 1.258943034 1.192910525 1
0.646870587 0.758040417 0.756242103 1 0.724183603 1.405302213
0.672177676 0.51633694 1 1.038118009 0.911481632 0.860666219
1.271428788 0.763930738 1 0.525618248 0.659886228 0.876550276
0.513581323 1 0.849266813 0.690223115 0.807153037 0.495055314
0.855725537 1.023604482
YCR085W YCR085W::YCR085W::molecular_function unknown 1 1.147128366
1.407091862 1.157643666 1.502946409 1 1.117657664 0.999908573

1.437644655	1.485154825	1	0.933168683	1.147655958	1.41729409		
1.120628657	1	1.023756765	1.708610105	0.992539343	1		
0.685785866	1.32442684	0.745875909	1	0.674523498	0.656969929		
0.464694718	0.63842481	0.799011371		1.01013156			
	0.493143767	0.737564119	0.784618415	1.857581387	1.218868573		
YOL048C	YOL048C::YOL048C::molecular_function unknown				0.627956358		
1.11148638	0.873272046	0.994632536	0.68527203	0.72163698			
1.111658202	0.888381651	0.899401462	1.119064553	0.964066936			
1.192408655	1	1.549484279	1.917698278	1.410003985	1		
1.971536713	4.628527212	3.42706574	1.138760609	1	1.406666693		
1.766273388	1.370291116	0.696716083	1.139552691	1	1.268681478		
2.414974587	2.6814994	1.528016601	2.280217382	1	1.629922942		
2.257237388	1.368388587	1.540149427	2.039008057	1.58487939			
YCR087W	YCR087W::YCR087W::molecular_function unknown				0.985029615		
1.090987649	0.695486789	1.09546627	0.760337209	0.685390382			
1.191157005	0.965201235	0.845148002	0.709728111	0.938358467		1	
0.865064111	0.389141888	0.280980825	0.546562338	1	1.574511665		
1.518169914	0.611850278	0.697558798	1	0.978469033	0.945474248		
0.612763973	0.848188501	0.929765853	1	0.951165573	1.042548142		
0.600579512	0.902339469	1.64355441	1	0.953194261	1.145174883		
0.794571198	1.794759215	0.648701927	0.958808305				
YOL050C	YOL050C::YOL050C::molecular_function unknown				1	1.252418043	
1.308383585	1.628961097	1	0.947815352	0.896632186	1.289060369		
1.479703352	1	1.025841133	1.035895403	1.389247672	1.333005813	1	
0.98031673	0.915312729	1.081379603	1	0.904138985	2.136489127		
1.243732411	0.913922932	1	1.065202064	1.026147721	0.879077136		
0.8711597	0.811511777	1	1.048662557	1.315183191	1.103876885		
0.942571313	1.290004106	1	1.17135276	1.646002535	1.307155108		
1.07754017	1.552530883	1.077893097					
YCR089W	"YCR089W::FIG2::Factor-Induced Gene 2: expression is induced by the mating pheromones, a and alpha factor; required for efficient mating"				1		
1.44637703	1.272312976	1.262666275	1.337066966	1	1.367214491		
1.17722943	1.354578233	1.119335964	1	1.377571768	1.365463083		
1.303986374	1.089823475	0.711997727	0.551156497	0.554091575		1	
0.839701568	1.30237307	0.897814429	0.452490884	1	0.963360292		
0.984994308	0.950024761	0.844068401	1.027476619	1	1.058045424		
1.382611695	1.065069016	1.140021976	1.457439296	1	0.827683759		
1.176368111	1.001545327	1.317089858	0.915447783	0.791564082			
YOL052C	YOL052C::SPE2::S-adenosylmethionine decarboxylase				1		
0.941282827	0.77076259	0.916603158	0.889876541	1	0.891144182		
0.791971704	0.801536979	1.013737861	1	0.717912646	0.54713721		
0.757673118	0.660269376	1	0.538664263	1.193010205	0.365262538	1	
0.982506399	0.874284166	0.576838066	1.239482416	1	1.22066191		
0.905034135	0.838507468	0.923937773	0.788029296	1	0.718376162		
0.727023501	0.691750782	0.617104694	0.873211126	1	0.887127309		
1.050982778	0.974997653	0.841969604	0.842350299				
YCR091w	YCR091w::KIN82::Putative serine/threonine protein kinase most similar to cyclic nucleotide-dependent protein kinase subfamily and the protein kinase C subfamily				1		
1.649050319	1.758203667	1.329171356	1.100244553	1	1.388548414		
2.231586623	1.486296319	1.588331867	0.978182515	1.151219476			
0.499427632		1	0.920096619	0.983411107			
1.038092844	0.853177422	1.001794053	1	1.239999697	1.015696623		
1.236152766	1.338125248	1.149980602	1	1.380048071	1.074614732		
1.295806807	0.956899649	1.506750743	1.449157695				
YCR093w	YCR093w::CDC39::Required for Start B in mitosis and spindle pole body separation at meiosis I				1.046593979	1.081877086	1.105846419

0.969179319	1.013379351	1.064332138		1.009113999
1.086766388	1.086677804		0.565247907	
	1	1.081022369	1.167965048	0.947342631 1.048105673
0.999847574	1	0.91230475	1.397871749	0.716076991 0.852636833
1.273286944	1	1.120449837	1.250658465	1.221558539 1.487110142
1.299751106	0.95530575			
YCR106W	YCR106W::RDS1::Regulator of drug sensitivity		1	1.580384748
1.515648366	1.895345726	1.181166153	1	1.792383893 1.759402161
1.531950784	1.17577136	1	1.700952233	2.126442842 1.85946887 1
1.405683603		0.835538356		0.613516021 1
0.946429281	1.027721865	0.997067041	0.985713066	0.962704402 1
1.49179952	1.006760883	0.895043217	1.199560628	0.565058524 1
0.843460531	1.003102652	1.082363611	0.698929576	0.957366984 0.880002116
YCRX01W	YCRX01W	1.018274376	0.859807585	1.456944208 0.81352321
1.207095791	1.32464866	0.825462574		1.244212158 1.275606671
0.704645281	1.158143956	1	1.422729112	1.301687878
0.784648587		1	0.95687415	1.023854729 1.141644031
1.297047061	1.068382133	1	1.199001234	0.735274626 0.941061955
1.161492844	0.859801289	1	1.09663569	0.965436637 1.245914436
0.878459311	1.234058543	1.205734225		
YCRX03C	YCRX03C	1	1.144069202	1.050328584 1.519467076 0.775149504 1
1.313846721	1.316944956		0.864356784	1 1.410048473 1.437349109
0.45174408	1.351496427			0.44009567 1
0.381581372		0.539493473	1	0.729285498 0.782666373
0.938065517	0.859682748	1	1.129941014	
1.483575829	1	1.103150452	1.215148182	0.512447741 1.739466385
0.906270811				
YCRX05W	YCRX05W	1	1.11699167	1.019775759 1.275030944 0.865176738 1
1.194003077	1.164637164	0.980976918	0.964475028	1 1.233667016
1.154535372	0.851493867	1.188926079		0.573321053 0.843510282
1	0.660024665	2.183689625		1 0.856314472 0.926369138
0.866228793	1.17972149	1.060024573	1	0.875455731 0.486076175
0.679030252	0.88251608	0.727635628	1	0.758848842 0.767614679
1.005490717	0.681694408	0.99940287	0.719762951	
YPL051W	YPL051W::ARL3::Similar to ADP-ribosylation factor. Part of the carboxypeptidase Y pathway.	1	1.062667507	1.355013269 1.543325593 1
0.962315503	0.901945611	1.310063028	1.162784688	1 0.893322476
0.924262194	1.190380064	1.092185858	1	1.501984248 0.433739102
0.933158354	1	1.459526545	1.59421806	0.98034323
1.152342028	0.646608626	0.660266949	1.136763901	1 1.073611034
1.479596348	1.267497191	1.083462374	1.791890209	1 1.462014538
1.526862924	1.228010377	1.29578582	1.688599927	1.492063293
YPL053C	"YPL053C::KTR6::Similar to KRE2, mannosylphosphate transferase which may recognize any oligosaccharides with at least one alpha-1,2-linked mannobiose unit. Required for the transfer of mannosylphosphate to cell wall mannans."	1		
1.216045705	1.027826029	1.144045731	1.339041153	1 1.02361709
1.06112642	1.241508931	1.104923045	1	0.818043848 0.787859617
1.055439103		1.156880016	0.554847266	0.493840845 1.032849531 1
0.889232223		0.735938369	0.81348324	1 0.648889127 0.483534164
0.347075075	0.920455656	0.91982354	1	0.595509131 0.429102803
0.43353368	0.997887303	1	0.703336225	0.380239527 0.683804111
1.162287695	1.172737041			
YPL055C	YPL055C::LGE1::large cell size mutant		1	0.786341082
1.136848199	0.757614605	0.752239113	1	0.968478118 1.100554445
1.005832515	0.933691534	1	1.092914172	1.232358868 1.178459354
0.950980318	1	0.804675669	0.912321523	0.824326732 1.22046991 1
1.276652662	2.056299558	1.080648225	1.18221403	1.063655231

	1.177192919	0.883024937	0.932711922	1.197046917	1	0.785039803		
	0.862561779	1.131943507	1.648238013	1		0.836014615	0.613770998	
	0.924120724	0.465468606	1.183067831					
YPL057C	YPL057C::SUR1::Involved in maintenance of phospholipid levels						1	
	0.988027716	0.767739283	1.006088187	0.715197033	1	1.122437136		
	1.194160125	0.784750427	0.836422197	1	0.774391689	0.78331263		
	0.71337355	1.103545742	1	1.626623709	1.126811612	1.704961906		
	0.938314247	1	0.990381439	0.284203571	0.668875634	1.010808789	1	
	0.700313182	0.625133699	1.0361099	1.083133238	1.007834864	1		
	0.522663414	0.437793112	0.613141744	0.549036148	0.624350783	1		
	0.769681281	0.424712003	1.021614762	0.776949383	0.977535487	0.897514579		
YPL059W	"YPL059W::GRX5::Member of a glutaredoxin subfamily in Sc together with GRX3 & GRX4. Significant sequence diff. with the other glutaredoxin subfamily, formed by the previously described GRX1 & GRX2 glutaredoxins (Luikenhuis MBC 9:1081, 1998)"						1	
	1.486420103	1	1.059457708	1.385424423	1.622027783	1.494714303	1	
	1.483087798	1.703415195	2.001724506	1.342459698	1	1.699361228		
	1.351302371	1.433106629	1.65152669	1	1.981105922	1.710598749		
	1.866519791	1.491821468	1	1.490288915	1.295870233	1.036898843		
	1.182065983	0.978091033	1	1.264779461	1.350910505	1.018837828		
	1.112685453	1.817789201		1.173773099	1.141298417	0.88315928		
	1.299476062	1.152900442	1.199604884					
YPL073C	YPL073C::YPL073C::molecular_function unknown						1	
	1.113510775	1.568038147	1.402202328	1	1.279072909	1.743320794		
	1.42459304	1.110921071	1	1.255622692	1.20327865	0.92225005		
	1.370445559	1	0.636493895		0.688802343	0.451696809		
	0.451905161	0.405500978	1	0.982138783		1.057140305		
	1.176239823	1	0.970641582	0.818480698		0.947604792	0.859390369	
	1.228620284	0.714017231	1.132661405	0.620686564	1.537659058			
YPL075W	YPL075W::GCR1::trans-acting positive regulator of the enolase and glyceraldehyde-3-phosphate dehydrogenase gene families						1	1.004028702
	0.862584982	1.366993465	1.00914761	1	1.117657607	1.299933131		
	1.017704319	0.994209027	1	1.135783203	1.395763899	0.840861401		
	1.136617734	1		0.907928211	0.677622951	1	0.987857424	
	0.990434817	0.686407056	0.356733634	1	0.909863075	0.944594671		
	0.872228176	0.966855037	1.014899013	1	1.010116866	0.857650037		
	0.960485018	1.174146252	0.887534319		0.999922875	0.965823751		
	0.917568075	0.832404633	1.135253954	0.882629006				
YPL077C	YPL077C::YPL077C::molecular_function unknown						1	1.12327873
	1.060092701	1.183391239	1.194692078	1	1.001627338	0.95244105		
	1.360067104	1.108949708	1	1.008618272	1.227587457	1.093991308		
	1.532721125	1		0.636810655	1.043893227	1	1.809945281	
	1.989738976	2.297338568	1.582712955	1	1.038345752	1.213595546		
	1.258675492	1.097057366	1.167776292	1	0.810311391	0.712720708		
	1.220852732	0.89092069	0.750840834	1	0.820598717	0.603538125		
	1.331140367		1.083361222					
YPL079W	YPL079W::RPL21B::Homology to rat L21						1	1.238059218
	1.434040066	0.905242955	1.819667511	1	1.123082525	0.992943853		
	1.352595584	1.433009383	1	0.923425761	0.853823544	0.835734643		
	1.032899003	1	0.543654489	0.267370994	0.177448545	0.545803097	1	
	1.250792871	0.820043012	0.693227226	0.969734701	1	1.063639511		
	0.899749413	0.63525779	0.919844442	1.116964436	1	1.236796739		
	1.722804806	1.031733729	0.643933555	1.731371634	1	1.153821623		
	1.197891163	0.885422117	1.671476206	1.166650849	1.209236781			
YOL053W	YOL053W::YOL053W::molecular_function unknown						1	1.008861424
	1.336230426	1.230439787	1.548435558	1	1.152536783	1.223253444		
	1.398318683	1.414384015	1	1.222812758	1.457031074	0.387326331		

1.744459304	1	1.588740688	1.027427231	1.972813333	1
1.671580627	2.109457048	1.907014142	1.796097626	1	1.085564873
1.325136346	1.075426869	0.797809495	1.139265943	1	1.075591279
1.533690836	1.88957459	1.323826182	1.780598227	1	1.391007706
1.466354892	1.302246886	1.085951374	1.494690183		
YPL081W	YPL081W::RPS9A::Homology to rat S9 and E.coli S4				1
0.839312263	0.886139908	0.670369876	1.162929429	1	0.785722422
0.700553893	0.875713413	1.043139728	1	0.558456084	0.55402965
0.622340189	0.817189288	1	0.630681105	0.315234023	0.281495933
0.661276829	1	1.238537601	0.693260466	0.669986621	0.948750743
1.019889518	0.915090817	0.907551357	1.074928829	1	1.252243882
0.942598796	1.333578244	0.856075955	0.626668916	1.294727211	1
1.172666183	1.111237441	0.908870188	1.469777488	1.108865613	1.140938049
YOL055C	YOL055C::THI20::THI for thiamine metabolism. Transcribed in the presence of low level of thiamine (10-8M) and turned off in the presence of high level (10-6M) of thiamine. Under the positive control of THI2 and THI3.				1
0.947393024	1.035665722	1.163258845	0.869591067	1	1.104720271
1.008808281	1.153001662	1	0.967721998	1.074825984	1.443432287
0.880101332	0.582370979	1.168974134	1.326857976	1	1.739345428
1.810818811	2.134198045	1.590195893	1	1.160849677	1.102156862
1.158960839	1.078846113	1	0.83545346	1.026176015	1.039334323
0.82058556	1	1.038002305	1.30958744	1.039525113	1.051410976
1.035412843	0.766171				
YOL069W	YOL069W::NUF2::Protein associated with spindle pole body and critical for nuclear division				0.912383663
1.080781749	1	1.033961679	1.010511458	1.12490799	1.222918648
0.966916847	1.082044493	1.001461054	1.035770331	1	0.574612567
1.953260379	0.63112344	0.613474842	1	1.504565898	2.130998693
1.811323412	0.86967523	1	0.575193415	0.801368263	0.536055447
0.938380839	1	1.012347789	0.760568998	1.197320585	1.347072595
0.918024712	0.849750744	1.074509134	0.697364329	1.629369083	1.492063293
YOL071W	YOL071W::EMI5::Early Meiotic Induction				1
1.511237974	1.04053494	0.956380207	1	0.855537031	1.654249195
1.540555743	1	1.081601855	1.350519973	2.332839744	1.212195735
1.738046906	1.562351008	1.953181791	2.253324417	1	3.228110901
3.611444537	4.430511019	2.899180063	1	0.966362121	1.386782801
1.002591332	0.750389039	1.0366189	1	1.307633386	1.790226265
1.165649658	1.296640322	1.772445297	1	1.382408337	1.601719249
1.112462906	1.357169506	1.773029887	1.243386042		
YOL073C	YOL073C::YOL073C::molecular_function unknown				1
1.253676718	0.62522911	0.396706484	1		0.726551046
0.652612743	1	1.272053657	1.464516348	1.730791086	0.651687234
1.138172407	0.989229267	1.125854291	1.110979973	1	1.560715152
1.120177924	1.632238417	1.213037907	1	1.123643636	1.203714977
1.647910928	1.277569181	1.004671662	1	1.010943437	0.965261815
1.239891842	1.10024406	0.634484643	1	1.038200946	0.85311299
1.263927794	0.636371475	0.991563571	0.662847393		
YOL075C	YOL075C::YOL075C::not yet annotated				1
2.362374967	1.283214731	1	1.549848975	2.077595529	1
1.288428619	1.776558883	1.781498395	1.838756404	1	0.600067455
1.887560664	2.362746384	0.624024502	1	0.376523792	0.484817818
0.179319435	0.187994441	1	1.148657255	1.273753074	1.433881123
2.148556513	1.599842096	1	0.813949218	0.594907558	0.578659805
1.086892732	0.472258179	1	0.652300023	0.453891986	0.739482453
0.422367065	0.547040244	0.502608177			
YCRX07W	YCRX07W				1
					1.134203557
					1.059919976

	0.735659544	0.738029646		1	1.067499087	1.059368041	
	1.101666678	1.103997618	1.054187112	1	0.84161238	0.858940085	
	0.655414659	0.646162982	0.839863915	1	0.91888406	0.821764228	
	0.942979555	0.925529572	0.972324536	0.960559531			
YOL077C	YOL077C::BRX1::Essential nucleolar protein required for biogenesis of the 60S ribosomal subunit						
	1	0.944282447	0.81777103	0.84163392			
	1.149628807	1	0.866184671	0.75168636	0.982029776	1.262557533	1
	0.55754687	0.362397895	0.341254202	0.941967588	1	0.411662748	
	0.173048745	0.149587711	0.533944308	1	0.49626485	0.216386721	
	0.111559892	0.511700603	1	0.795165555	0.650487917	0.598852131	
	0.839726618	0.666055881	1	0.707395609	0.527880676	0.364886279	
	0.781665916	1.094783914	1	0.71424008	0.571434987	0.671056779	
	1.215233667	0.600937347	0.819584055				
YCRX09C	YCRX09C						
	1	1.581173904	1.762226393	1.665623458			1
	1.433422825	1.448394215	1.543378707	1	1.402425724		
	1.637479624	1	1.288229612		1.637614256	1	0.998616545
	1.142286912	0.740271232	0.806135928	1	0.919785905	0.893193586	
	0.902740951			0.864088434			1
	0.865821437			0.748658537			
YOL079W	YOL079W::YOL079W::molecular_function unknown						
	1	1.985480143					
	1.768514939	1.859334239	1	1.715946426	1.61599111		1
	1.667984178	1.638631063	1.914059592	0.605896137			
	0.873635647	0.79217219			1		
	1.106747102	1.134374507	1.052311008	0.968076865	1	1.178158238	
	1.151675961	0.785786576	1.207102944	1.026774681	1	0.964909782	
	0.928595655	1.191783712	1.103986144	0.692618592			
YDL002C	YDL002C::NHP10::Non-Histone Protein 10						
	1	0.829170483					
	0.992872377	0.959904963	0.997437865	1	0.92984473	0.904542925	
	1.281864728	1.108263252	1	0.89990083	1.092895915	0.998383771	
	1.074960006	1	1.368656937	1.41930835	1.051830301	1.179888186	1
	1.536484669	0.842367685	1.207078424	1.235030983	1	0.997684967	
	1.137231951	1.126975245	1.029624269	1.144623709	1	0.976075258	
	0.795239924	0.852555763	1.141973186	1.229032991	1	1.255719749	
	0.955601997	1.127271996	1.014045527	1.350146581	1.314311665		
YOL093W	YOL093W::YOL093W::molecular_function unknown						
	1	0.89871625					
	1.11307467	0.882973309	1.12007666	1	0.824034413	0.793645775	
	1.313092138	1.425414333	1	0.831945215	0.793102983	0.87622037	1
	0.575792657	0.354982818	0.380602125	0.743220726	1	1.171496737	
	1.061433103	0.832551653	1	0.917949112	0.918164484	1.009915308	
	0.865182132	1.122028243	1	1.059663475	0.985618789	0.880810423	
	1.813315396	1.560931448	1	0.893203205	0.795202192	0.994355931	
	0.738692381	1.077893097					
YDL004W	YDL004W::ATP16::ATP synthase delta subunit						
	1	1.149439569					
	1.485037178	1.132907828	1.999386661	1	1.228319829	1.2208165	
	1.493786465	1.572931527	1	0.70443181		1.228516902	1
	1.349917009	0.967585068	1.037129105	2.03337382	1	1.493951466	
	1.780586339	2.056173081	1.571857531	1	0.968474655	0.873973336	
	0.554932209	0.833032296	0.847130216	1	0.876273579	1.116165702	
	0.717561698	0.72963665	1.386379815	1	1.320305699	1.327641643	
	0.689659391	1.6744393	1.845707677	1.298550427			
YOL095C	YOL095C::HMI1::Helicase in MITochondria						
	1	0.99023322					
	1.048296672	1.550585323	1.34162305	1	1.281598543	1.444392629	
	1.257100652	1.03954717	1	1.189726359	0.942605144	0.609594368	
	1.173545181	1	0.398210445	0.418508494	0.445992389	0.587462381	1
	0.598725023	0.927283749	1.862024151	1.120381889	1	0.759783281	
	0.642313566	0.696143921	0.60654095	0.882157159	1	1.064086133	

0.787260548 0.744135064 0.913432195 0.806709123 1 1.110721664
 0.867205047 1.100557818 0.881038363 1.300787521 0.816081552
 YDL006W YDL006W::PTC1::serine-threonine protein phosphatase 1
 1.317613226 1.46994845 1.24169229 1.581290711 1 1.234499067
 1.135788123 1.587943649 1.288369543 1 1.161491333 1.397300189
 1.316221697 1.208582594 1 1.555775518 1.418037464 1.257756154
 1.327272369 1 2.132892654 1.61109802 1.838262992 1.124226727 1
 1.030859157 1.035899411 0.772266265 0.789394404 1.069614738 1
 1.137920889 1.34720541 0.92522691 0.799090437 1.600175468 1
 1.493270527 1.737458243 1.064627291 1.523711828 1.692646001 1.248639823
 YDL008w YDL008w::APC11::subunit of the Anaphase Promoting Complex; all known
 APC subunits co-immunoprecipitate with epitope-tagged Apc11p 1
 1.039496643 1.18739608 0.996265214 1.560168067 1 0.907378786
 0.920352662 1.63602988 1.280917263 1 1.03459863 1.211114033
 1.320316673 1.197679215 1 1.416670487 0.827707709 1.193598504
 1.821046753 1 1.982479592 2.323405119 1.991788414 1.292416205 1
 1.021249256 1.157987603 0.648312528 0.777873327 0.91186981 1
 0.901730283 1.378433987 0.883172258 0.827240441 1.276063249 1
 0.99512919 1.313407297 0.967385301 1.243138894 1.187417308 1.203983
 YDL010w YDL010w::YDL010W::molecular_function unknown 1 0.918067491
 1.45352446 1.117523119 1.610939951 1 1.028458156 1.043911216
 1.496221311 1.229401188 1 1.209671414 1.504975617 1.314474743 1
 1.408534281 0.834574829 1.192997944 1.879501093 1 2.081560994
 1.751330368 1.680864004 1 0.904518897 1.188984971 0.760550011
 0.524893108 0.94050982 1 1.278281706 2.153376901 1.809732081
 1.850606197 1.636252217 1 1.410055141 1.740051375 1.385134357
 1.560374193 1.283461971 1.47980461
 YDL012c YDL012c::YDL012C::molecular_function unknown 1 1.000876629
 1.356154157 0.967464754 1.317375195 1 1.043435319 1.072911093
 1.283695265 1 0.955315984 1.087377354 1.420847714 1.16025005 1
 1.114514899 1.018807204 0.987177642 1.235674947 1 1.009157123
 1.159798058 0.774387049 0.823208428 1 0.963582021 0.903165773
 0.94921937 0.795936644 0.963726239 1 0.956220342 1.041633061
 0.915797155 0.895570903 0.927357459 1 1.126495634 0.991092044
 1.098083272 0.897617328 1.032980312 0.945673958
 YDL026w YDL026w::YDL026W::molecular_function unknown 1 0.99572588
 0.890125891 1.349687721 1.214544633 1 1.230756377 1.115362831
 0.892194628 1.040883358 1 1.048069804 1.119871633 1.031028724
 1.11070569 1 1.383074215 1.166909462 1 1.026673527
 2.213363754 1.357331367 1.225054669 1 1.025230075 1.355749413
 1.333156342 1.344159294 1 1.058533983 0.852861705 1.142656824
 0.937254429 0.883546863 1 0.861289075 0.626489351 0.788634128
 0.595649573 1.483946306 0.488598217
 YDL028C YDL028C::MPS1::Required for spindle pole body duplication and a
 mitotic checkpoint function. 1 0.716791456 0.710315171 0.928140661
 1.045337851 1 0.919499656 1.05823329 0.702725394 0.780594668 1
 0.718882619 0.754332792 0.588596828 0.940132035 1 0.947943738
 0.912981233 1 1.118234684 0.918742547 1.008517043

0.925534604

YJL079C "YJL079C::PRY1::Pathogen Related in Sc, contains homology to the
 plant PR-1 class of pathogen related proteins. The protein sequence is over 60%
 identical with the Pry2p & Pry3p over 145 resid. PRY1 is >35% identical (50%
 similar) to tobacco PR-1c protein." 1 0.91223231 0.701501856 0.564223696
 0.536950079 1 0.953190868 1.004695174 0.695426639 0.720362801 1
 1.468022511 1.503907084 2.526294681 0.742658453 1 0.792455175
 0.854386207 1.652301186 1.337344226 1 0.60839906 0.981094962

1.128724947 1.090394251 1 1.28240498 1.266705422 2.360180672
1.757237614 1.253234889 1 0.765679171 1.058909917 1.475759465
3.217102389 2.28874809 1 0.837229184 0.892435124 1.252440534
0.747281804 3.220169777 0.985077
YJL081C YJL081C::ARP4::54.8 kDa actin-related protein 1 0.698748687
0.804270766 0.829111235 0.744327123 1 0.875934103 0.797237194
0.934705889 0.892522357 1 0.72766023 0.669061697 0.616440912
0.927742107 1 0.636817332 0.452799843 0.451152236 0.836920757 1
1.42511206 1.228228164 1.361206972 1.131798164 1 0.945448072
0.960883342 0.924946437 0.871228994 0.935866292 1 1.036986938
0.924819125 1.007894434 0.888885344 1.043425727 1 0.988792744
1.001172687 1.007274705 0.802758158 1.232124916 1.443904019
YJL083W YJL083W::YJL083W::molecular_function unknown 1 1.072984682
1.014215225 0.761130499 1 1.211590031 1.264827538
0.655549554 1 1.422003942 1.384283095 0.83834836 0.657811549 1
0.425767029 0.600828544 1 0.695909114 0.978982448
0.728235947 1 0.860848856 1.036766134 1.127717446 0.910519198 1
0.595167906 1.484749629 1 0.455872941
0.931241182 0.992630257 0.806449707
YJL085W YJL085W::EXO70::70 kDa exocyst component protein; the exocyst
proteins are required for exocytosis late in the secretory pathway 1
1.509945299 1.579189874 1.66788665 1 1.563089905 1.595686369
1.956282974 1.273134499 1 1.566596154 1.629514225 1.40764579
1.70340843 1 0.743188389 0.464466298 0.837980176 1.184967824 1
1.510336921 1.622908196 2.333883485 1.186016384 1 1.061917425
1.031940003 0.837025492 0.717247047 0.920902967 1 1.22853256
1.204653826 0.969698627 1.181482762 1.714430245 1 1.479121493
1.213760303 1.34056129 1.187762971 1.536540096 0.915027042
YPL083C YPL083C::SEN54::Trna splicing endonuclease 54kDa subunit 1
1.213430239 1.157026937 1.459239097 1.388649983 1 1.142961717
1.117284045 1.37202222 1.189321571 1 0.898462844 0.96626323
0.890794254 1.266885412 1.411108165 0.873635647 1.041101383
1 0.856407483 0.851391447 0.838759375
0.744342714 0.78862094 1 0.935288908 0.945021833 0.919457059
0.904839562 1.052459101 1 1.028595822 0.985635224 0.97381227
1.157924326 1.010908514 1.957019548
YJL099W YJL099W::CHS6::Involved in chitin biosynthesis and/or its regulation
1 0.751358387 0.916895033 1.143645199 0.942447083 1 1.040954181
1.069409765 0.98629059 1 1.10355468 1.223450012 0.916366974
1.104745232 1 0.457916788 0.693277182 1.104533911 1
1.523191893 2.425203733 2.515607208 1.066801617 1 1.138567704
1.251153997 0.987311289 0.91352983 0.87273664 1 1.11252437
0.807486458 0.883347195 0.993499487 0.877172476 1 1.198728563
1.051634473 1.182845112 0.636196785 1.039866 0.951803299
YPL097W YPL097W::MSY1::Tyrosyl-tRNA synthetase 1 1.224894413
1.139522925 1.385228137 1.285621045 1 1.274795096 1.147568676
1.250348079 1.153396229 1 1.174152147 1.027640867 1.208673046
1.052410426 1.340231093 1.029727635
1 1.184852018 1.105648416 0.948629308 0.922132499 1.08258572 1
1.314006633 1.214650111 1.179835905 0.843938842 1.462720609 1
1.274275013 1.25027367 0.916234303 1.010957605 1.563671074 0.901892695
YJL101C YJL101C::GSH1::Glutathione biosynthesis 1 0.997545885
0.870637164 0.847826424 0.62310836 1 1.060011206 1.058012236
0.72354274 0.606726216 1 2.682045636 2.227059517 0.878734223
0.795772046 1 5.503862121 3.310791806 2.800905293 2.073335129 1
4.699833571 2.163816257 2.395505703 1.681403553 1 2.351560143
2.284641056 1.511025491 1.077756179 0.761001078 1 2.384038862

1.811102741 1.614759714 1.16232928 0.926878287 1 2.968861858
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YPL099C YPL099C::YPL099C::molecular_function unknown 1 1.228710361
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1.08377213 1.495408416 1.590328104 1.824800513
YJL103C YJL103C::YJL103C::molecular_function unknown 1 0.994392931
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0.918820982 1 1.200777421 1.234377896 1.320728861 1.117064737 1
1.161614732 0.708349081 1.561831406 1.270172991 1 2.16775509
3.077400231 3.627349366 1.094351044 1 1.223877026 0.837081645
0.790117481 1 0.924638775 0.760704079 1.938231965 1
1.402601266 0.870141673 1.288974153 1.057727941 2.291431615 0.794190973
YPL101W "YPL101W::ELP4::ELongator Protein 4; 50kD subunit. Homolog of
ATPases, yet with substitutions of amino acids critical for ATP hydrolysis." 1
0.887217969 0.775148625 0.99027618 0.725321138 1 0.769155245
0.8034825 0.93088721 0.831723746 1 0.754598892 0.649606795
0.607975822 0.892308698 1 0.637029888 0.376073232 0.424296066
0.508046034 1 0.875582863 0.455607062 0.762006845 1
0.957349843 0.736458251 0.881517231 1.04091119 0.883183649 1
0.886104846 0.84310558 0.778145252 0.902152892 0.70939051 1
0.75173141 0.608499933 0.862859693 0.642446051 0.635181097 0.570906857
YJL105W YJL105W::SET4 1 1.243672633 0.884412606 1.02480382
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0.817841638 0.744939795 0.673288004 0.860326489 1 0.603113546
0.765815195 0.775303889 1 1.390810619 2.803371142 1.015412931
0.72332089 1 1.082246189 0.967855016 1.210503932 1.448031388
1.211272687 1 1 0.447973624
0.881059496 0.975502948 0.802071592
YPL103C YPL103C::YPL103C::molecular_function unknown 1 0.861202259
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0.471412438 0.454159884 0.529364027 0.652759874 1 1.280303215
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0.912002742 1 0.676207997 0.662529563 0.929058424 0.467500435 1
0.708286543 0.715941115 0.764367321 1 0.830746432 0.90565622
0.929871309 0.744793553 0.952329817 1 0.807896721 0.73264502
0.771233488 0.840422946 0.812764302 1 0.88892411 0.850222326
0.93561738 0.839750651 0.76233872 0.979823219

YJL109C YJL109C::UTP10::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA) 1 1.398185181 0.863560791 1.160543021 0.939998129 1
0.950222975 1.085891185 0.978352527 1.007665285 1 0.987363616
0.523345626 0.496226408 0.996622512 0.657085468 0.344289912
1 0.383726559 1 0.686508895 0.47569301
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0.350834842 0.618944814 0.400215221 1 0.568243353 0.491917859
0.876213308 0.727474144 0.420870743 0.567404354
YPL107W YPL107W::YPL107W::molecular_function unknown 1 1.192000456
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1.650876385 1 1.41243338 1.043974656 1.113006823 1
1.594064282 1.516283269 1.886720616 1.327545234 0.889042301
1.245302594 1.018408624 0.826060858 0.894675322 1 1.103012619
1.304391168 1.763077419 2.621633292 0.862433488
0.944678065 0.877107819 1.256426124 1.179465531
YPL121C YPL121C::MEI5::Meiotic protein required for synapsis and meiotic
recombination 1.196456936
1.077866841 1 1.153770505 1
1 0.812146895 0.822936651
1.070012531
YPL123C YPL123C::RNY1::RiboNuclease from Yeast 1 1.268768231
1.896011967 2.008370198 1.865473989 1 1.528355989 2.071394289
2.211749687 1.748405761 1 1.706558438 2.959662236 3.576622324
2.13323772 1 3.76672132 3.887095123 3.954056958 2.576514793 1
2.837602782 2.626693495 3.81439131 2.290115715 0.835403044
0.832962879 0.996181437 0.883264618 0.83630614 1 0.852852313
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1.04999453 1.146868587 0.757620269 1.538471341
YOL097C "YOL097C::WRS1::W = IUPAC for tryptophan, RS = convention for
aminoacyl-tRNA synthetases" 1 0.934437209 0.742278594 0.911430492
0.85301698 1 0.905958197 0.907836546 0.727734476 0.884776559 1
0.805977229 0.646027313 0.395037738 0.769738986 1 0.541525822
0.337057059 0.370401917 0.462252062 1 0.76375748 0.452419301
0.457391746 0.74981332 1 1.193511775 1.046394322 1.091834188
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0.49430216 0.765250987 1 1.177870628 1.020520627 0.841723144
1.101286702 0.743045157 0.877375225
YPL125W YPL125W::KAP120::karyopherin 1.012117947 0.856391107
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0.880947517 0.822241002 1.013292891 1.194366608 1
1 0.872684336 0.871940288
1.081184412 1.041425391 0.963803366 1 0.989710939 0.933585059
0.976772276 0.631589679 1 1.024219709 0.977722393 0.946330792
0.946498573 0.808686515 1.591008836
YOL099C YOL099C::YOL099C::molecular_function unknown 1 0.84889383
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1.042344054 1.090917639 1 0.792472548 0.878012963 1.543320171
0.877265501 1 1.034667005 1.030565847 1.09499649 1.173596149 1
1.268556395 3.402348975 2.464972723 1.216091266 1 0.900426715
0.849938871 0.598881431 0.636575559 0.747070654 1 0.966074569
1.392213085 1.488573561 1.355668588 1.58014741 1 1.308214823
1.573095285 1.014480616 1.526703748 1.818153542 1.196977994
YOL101C YOL101C::YOL101C::molecular_function unknown 0.996111202
0.876889838 0.900107538 1.057286562 0.762277114 0.781738165
0.749903079 0.80598038 0.881098773 0.964304179

	1.3448825				1		1.358296491	
	1.266802976	1.36886699	1.487203871	1.307407023	1		1.112281513	
	1.703365261	1.082546519	1.003061626	1.423657771	1		0.999046537	
	1.201328209	0.873332077	1.254670953	1.006537939	0.894887689			
YOL103W	YOL103W::ITR2::member of sugar transporter superfamily						1	
	0.94359029	0.817063476	1.095017364	0.660507992	1		1.097973329	
	1.065116435	0.880082954	0.974394591	1	0.86815716		0.829039961	
	0.660933699	1.125364575	1	0.924700347	0.821646611		0.997857734	
	0.804915965		1.222375294	0.896811623	0.825060095		0.849051674	
	0.824649254	0.810009982	0.905315962	1.026371853	0.843718487		1	
	0.902578809	0.736916404	0.718075393	0.778293492	0.593439914		1	
	0.996107236	0.87335761	0.974177577	0.859042744	0.973174891		0.822210945	
YOR047C	YOR047C::STD1::interacts with the SNF1 protein kinase and TBP in two-hybrid and in in vitro binding studies						1	0.720437575
	0.767948573	0.820294511	1	0.893097387	0.843263346		0.99915726	
	0.488704351	0.69917549	0.570758817	0.762819438	1		0.858408373	
	0.853520864	0.680173252	0.932714947	1	1.001835119		0.933091601	
	0.916045256	1.119407753	1	0.97641392	0.872426714		0.808981837	
	0.877365981	1.097667264	1	0.89112793	0.806846934		0.902841087	
	0.88209694	0.895708999	1	0.903304134	0.910597149		1.129330913	
	1.295137514	0.980996094	0.813454714					
YOR049C	YOR049C::RSB1::Resistance to Sphingoid long-chain Base. Putative transporter or flippase that translocates LCBs from the cytoplasmic side toward the extracytoplasmic side of the membrane.						1	0.859565403
	0.932600636	0.993037797	1	1.07986485	1.016730171		0.793285586	
	1.784449317	1.366643922	1.184232682	0.967570788	1		4.073603812	
	1.564586299	2.515984197	1.630530241	1	1.784350733		2.052425131	
	1.044542036	0.903956931	1	0.857570996	1.030162566		0.774225394	
	0.678448791	0.69555225	1	0.921292884	0.614582749		0.910658256	
	0.609031845	0.677695156	1	0.946785753	0.525658268		0.313109168	
	0.687250547	0.51430917	1.690829939					
YDL030W	"YDL030W::PRP9::involved in pre-spliceosome assembly, important for U2 snRNP addition"						1	1.408715125
	1.281070374	1.325106307	1.318896304	1.454996566	1		1.588185747	
	1.595603694	1.254417647	1	1.191929859	0.979058476		1.250155094	
	1.009407258	1	0.888928677	1.277178321			0.726983285	
	0.961819006		1.020025537				1.757562118	
	1.031738599		1.00515411	1.203903718	0.921143898		0.730270408	
YOR051C	YOR051C::YOR051C::molecular_function unknown						1	0.825372802
	0.846321232	0.875106441	1.048774429	1	0.913571508		0.799887652	
	0.904453867	0.995802929	1	0.807117591	0.677469672		0.555712328	
	0.885592616	1	0.835201193	0.458797166	0.481747426		0.694054859	
	0.934238703	0.622415216	0.48558287	0.622737557	1		0.817981372	
	0.779083052	0.717582468	1.000969239	1.471985923	1		1.350983327	
	0.968986485	0.651780048	0.956559278	0.949088613	1		1.066606987	
	0.637504315	0.857252191	1.386154859	0.769662288	0.886131457			
YDL032w	YDL032w::YDL032W::molecular_function unknown						1	1.347781393
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	1.359548427	1	1.114448198	1.419452769	1.27601774		1.341143794	
		0.727282474		0.242146741				
	0.934692766				0.783764736			
	1	0.93802578	0.706370645	0.860768897	0.584643111		0.802071592	
YOR053W	YOR053W::YOR053W::molecular_function unknown						1	1.216121307
	1.387977724	1.225638429	1.335980503	1	1.177057695		1.158594934	
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	1.260170003	1	1.287236418	1.400833835	1.296037395		1.619337682	
	1.45620507	2.202217797	1.655230496	0.808025565	1		1.23892776	

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1.97193656 1.519146737 1.543340772 1.664025674 1 1.249414197
2.063925762 1.105051694 1.84820647 1.457284901 1.415883994
YDL034w YDL034w::YDL034W::molecular_function unknown 1 1.454288962
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1.375174509 1 1.377145861 1.394484979 1.298485485 1.435227683
0.638471166 0.994137171 0.49510766 1 1.071926552
1 0.843279242 0.796732153 0.575806789 0.762577142 0.823158044 1
0.899394513 0.795157501 1.069869963 1.587384281 1 1.126195857
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1.35849245 1 0.998158037 1.091571879 1.177659941 1.208856142 1
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1.118338088 1.208028046 1.042273363 1 0.834640444 0.694701372
0.777042995 0.696173324 0.432150971 1 0.967764846 0.642205628
0.947199911 0.807715823 0.738232903 0.887007122
YOR057W YOR057W::SGT1::G2 allele of skp1 suppressor; subunit of SCF
ubiquitin ligase complex; essential regulator of cell cycle; essential component
of kinetochore assembly pathway. 1 0.812347835 0.942610566 0.910974368
1.253606229 1 0.810018574 1.081890116 1 0.842408755
0.842112045 0.988920094 0.96656833 1 1.294646933 1.041753929
0.819454995 1.927707365 1 1.811878689 2.484891369 2.219167731
2.189809275 1 1.126889229 1.477749291 1.598737886 0.950611557
1.210657391 1 1.422890605 1.434967751 1.966739669 1.319204811
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0.93253961
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0.804309794 1.930162126 1.044269241 0.680598089 1 0.760004038
0.74947653 0.695804753 0.663639591 0.820311126 1 1.454001694
1.525550898 3.442590177 3.687018243 3.852594224 1 0.870169698
1.52444641 1.136884607 1.663966637 0.967265945 1.461416482
YDL050c YDL050c::YDL050C::molecular_function unknown 1 1.157316181
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1.326764385 1 0.601350498 0.369437445 0.370907537 0.711180317 1
0.972122908 0.749561935 0.469808832 0.548409164 1.046495905
0.864839062 1.03160653 1.25133161
1.164682873 1.13236239 1.09715689
YDL052C YDL052C::SLC1::fatty acyltransferase homologous to E. coli plsC
gene; functionally complements plsC mutants 1 1.19562162 1.121108241
1.152680264 0.881917672 1 1.220635505 1.119837973 1.196743598 1
0.992801661 1.012890032 1.325243792 1.062767879 1 1.483450671
1.181032077 1.524689904 1.487920427 1 1.000414669 1.166843254
1.326925201 0.840010438 1 1.403706301 1.245149667 1.577844733
1.339047302 1.154575949 1 0.933943894 1.017622181 1.696834298
0.776828277 0.846148796 1 1.198708062 1.171718996 1.056210209
0.983308152 0.931873976 1.103286232
YDL054c YDL054c::MCH1::Monocarboxylate Permease Homologue 1
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1.004680592 0.748731882 1 1.926881233 1.246029433 0.860504092
0.783942824 1 2.008258504 1.239685868 1.472979122 1.067152292 1
1.410279964 1.122085854 1.165005682 0.728273734 1 1.560566494

1.250601399 1.300944433 1.265215901 1.122695296 1 0.985912737
0.685274241 1.192651607 0.773504975 0.559843681 1 1.154153462
0.748592254 0.835827147 0.72423163 1.05468295 0.734648524
YDL056W YDL056W::MBP1::transcription factor 1 0.705604464 0.863568946
0.838198031 0.882028846 1 0.812164062 0.849356536 0.736319065
0.786219697 1 0.803043565 0.847926164 0.73506161 0.860439421 1
1.36563755 0.739818836 1.227012272 1.00412168 1 1.295784882
1.836155226 1.506065419 0.968034218 1 1.208665887 1.15005643
1.075558948 1.221081652 1.21248225 1 0.705382974 0.864869475
0.952972289 0.662920384 1 0.691672357 0.656831033 0.846273917
0.840355108 0.934687304 0.779305347
YDL058W "YDL058W::USO1::involved intracellular protein transport, coiled-
coil protein necessary for protein transport from ER to Golgi" 1
0.863501456 0.77979458 1.21650599 0.924857803 1 1.091678681
0.933994241 0.889714237 0.823789627 1 1.050148929 0.915179168
0.536990501 1.044843173 1 0.871627591 0.591092013 0.578636962 1
0.790166094 0.677786225 0.486699507 0.534534561 1 0.86771337
0.883424191 1.018768123 0.944196542 0.977250821 1 1.004366045
0.764303067 1.260103186 1.045239684 0.811634189 1 1.00244733
1.013870355 1.096621645 0.94597393 0.790415752 0.76879789
YDL060w YDL060w::TSR1 1 0.56700183 0.481789237 0.646779805
0.655131169 1 0.565605727 0.591122386 0.722419898 1
0.372186045 0.308624631 0.260070917 0.699824965 1 0.371968334
0.342272757 0.373328758 0.582884257 1 0.340263828 0.330623492
0.234020944 0.58299953 0.943822872 0.726196366 1.003489393
0.934863942 0.912429598
0.907332196 1.146960125 0.731738813 0.806449707
YJL123C YJL123C::YJL123C::molecular_function unknown 1 0.575196056
0.86128976 0.816105373 0.903237161 1 0.754749914 0.798265104
0.976337099 0.967895799 1 0.646615307 0.807352315 0.869255239
1.031096324 1 0.924580697 0.869772742 1.242176041 1
1.623733811 1.097377267 1.654141855 1.662986115 1 0.937312902
1.210593121 0.940296494 0.717167393 1.079124362 1 1.257339166
1.319831544 1.381798254 1.291383622 1.317346466 1 1.156335576
1.123458162 1.154724728 1.048453686 1.10734691 1.219744238
YJL125C YJL125C::GCD14::General Control Derepression 1.109389615
1.03632441 1.131563713 1.238395771 0.949210727 0.957789081
1.501202361 1.683836294 0.726996078 0.633572459 0.583114449
1.251147939 1 0.242700377 0.211930778 0.610588713 1
0.480528175 0.708351625 0.695202056 0.866337316 1 0.567638905
0.549703518 0.398997931 0.745045133 0.798590566 1 0.609845166
0.57031671 0.594439305 0.925369661 1.03028278 1 0.601653408
0.57898877 0.88589197 0.797502752 0.705017571 0.845852802
YJL127C YJL127C::SPT10::chromatin maintenance and transcriptional regulation
1 1.829576421 1.510417168 1.479430695 1.432781138 1 1.360381838
1.309530382 1.433773607 1.40206527 1 1.368125586 1.306628182
1.359635014 1.353123026 0.964221788 0.654498326 0.808005392
0.840307691 1 1.242340569 1.102770113 0.714262098
0.85023945 0.842166935 1.0335635 0.898777472 1.00758619 1
0.879147677 0.96926309 0.921286197 0.768238984 0.509568944 1
0.981257604 0.875624
YJL129C YJL129C::TRK1::180 kDa high affinity potassium transporter 1
0.93986547 0.85347697 1.079487015 0.906060301 1 1.015539439
1.037540389 1.009084602 0.823252208 1 0.968388187 0.790861574
0.50174399 1.05723345 1 0.508469558 0.449295393 0.472255121
0.475721761 1 0.545003094 0.575337834 0.657351941 1
0.869518711 0.706244029 0.829183553 1.042247202 0.875360364 1

0.623982143 0.469532358 0.574192295 0.79551826 0.69966666 1
 0.585219606 0.595862258 1.121753117 0.956003616 0.957527789 1.272281628
 YPL127C YPL127C::HHO1::Histone H1 1 1.135687378 1.156423966
 1.039804286 1.28767167 1 1.08264614 1.392419879 1.075797418
 1.239402346 1 0.82618708 0.740855802 0.996871932 1.123423657 1
 0.904187808 0.733921056 0.566858667 0.757186577 1 1.102347942
 0.843388985 0.793069397 1.011502825 1 0.997247792 0.99963754
 1.207311806 0.919953604 0.831748812 1 0.982523119 1.281138336
 1.23207942 1.37002806 0.793901221 1 0.897408328 1.14238427
 1.011976253 0.90884703 1.040416123 1.506948866
 YJL131C YJL131C::YJL131C::molecular_function unknown 1 0.720825554
 1.292669932 1.156775557 1.434968571 1 0.913040347 1.089697566
 1.337202432 1 0.878217266 1.276241491 1.861711467 1.203123221 1
 1.076195766 0.571372637 1.11573645 1.881201321 1 1.867701865
 4.424059066 4.23536081 1.830245116 1 1.086707048 1.604901844
 0.99232155 0.937161584 1.123423527 1 1.344842391 1.429932277
 1.373709904 2.177070288 1 1.547711624 1.347438891 1.291658885
 1.103828332 2.115106889 1.39574464
 YPL129W YPL129W::TAF14::Protein required for actin cytoskeleton assembly or
 function 1 1.12323919 1.405187467 1.184741875 1.469914753 1
 1.022670613 1.162316326 1.767403226 1.592465742 1 1.033030632
 1.145014992 1.448210703 1.386590622 1 1.069370008 0.858278469
 0.92821669 1.199329302 1 1.601038574 1.461839337 1.614482352
 1.663511048 1 0.966159561 0.991758935 0.717280348 0.634718974
 0.902661604 1 1.005790189 1.481466925 1.173943731 0.935914306
 1.675645858 1 1.333304924 1.424931355 1.118232446 1.371232987
 1.223935515 1.312560335
 YJL133W YJL133W::MRS3::mitochondrial carrier protein 1 0.938365608
 0.77885695 0.792976539 0.630103705 1 0.798396339 0.855294755
 0.86745976 0.78378766 1 0.870254818 0.762650821 0.839808251
 0.808714043 1 0.898133939 0.560086385 1.024286355 1.271855109 1
 1.367117279 1.576382417 0.897108959 1.175498797 1.094356799
 1.122472127 1.404885196 1.053516025 1 0.776538783 0.752814788
 0.721964207 1.000787303 1 0.951149369 0.92080765 0.949103093
 0.688810213 0.772642447 0.979823219
 YPL131W YPL131W::RPL5::Homology to rat ribosomal protein L5; required for
 assembly of stable 60S ribosomal subunits 1 1.669712986 1.348952893
 1.166574436 1.290992758 1 1.530211443 1.465129675 1.158157363
 1.545733261 1 1.195942031 1.06279392 0.815512923 1.039670309 1
 0.572514636 0.236029721 0.132041805 0.302435445 1 0.885824438
 0.539090522 0.190627064 0.655472785 1 1.009883663 0.802804822
 0.81861426 0.866529293 0.828563736 1 1.292819642 1.371112413
 0.82541289 0.687614805 1.010354378 1 1.096341752 0.882495843
 0.88238921 1.155546462 0.882747101 1.043743836
 YJL147C YJL147C::YJL147C::molecular_function unknown 1 1.221648968
 0.978125607 1.247377816 1.268496571 1 1.156428056 1.038277016
 1.203422748 1.238501448 1 0.89863383 1.076848247 0.846491176
 1.217781662 0.653097675
 1 1.056606348 1.046457157 1.000444583 1.029672485 1.104085455 1
 0.914934781 0.820090958 0.745215342 2.305812662 1 0.799173312
 0.758316439 0.983435805 0.626187907 1.406985023 0.967564537
 YPL145C YPL145C::KES1::Homologous to human oxysterol-binding protein;
 implicated in ergosterol biosynthesis and regulation of Golgi-derived transport
 vesicle biogenesis 1 1.407127579 0.908677652 1.195622261 0.930372779 1
 1.373160371 1.401311131 0.872420399 0.888163899 1 1.54987189
 1.113852305 0.696151913 0.985432014 1 0.903428069 0.640488375
 0.609716744 0.437877386 1 0.676961634 0.383628513 0.339149141

0.630727017 1 0.886511041 0.835216183 1.129015029 1.107548373
0.797742212 1 0.833483375 0.683351572 0.634542167 0.60419525
0.439366707 1 0.904099307 0.702745112 0.792035039 0.699007408
0.765447026 0.689116088
YJL149W YJL149W::YJL149W::molecular_function unknown 1 0.911829465
0.823094067 0.815480918 0.950441763 1 0.885269435 0.917267721
0.862128422 0.850280507 1 1.356741414 1.253663671 0.95181017
1.145686155 1 1.313512478 0.480042252 1.091788943 1.043652168 1
1.297874267 1.704975904 0.96755808 1 1.895871212 1.740499765
1.420242323 0.96668637 1 1.765092954 1.707812579 2.110511884
1.156042092 1.014147591 1 1.960157101 1.68811304 1.015549314
0.704179724 1.029921779 1.102410567
YPL147W YPL147W::PXA1::Pxa1p and Pxa2p appear to be subunits of a
peroxisomal ATP-binding cassette transporter necessary for transport of long-
chain fatty acids into peroxisomes 1 1.26286552 1.300992114 1.132743475
1.305523337 1 1.186342647 1.352868102 1.149657102 1.241018517 1
1.173068825 1.187758873 1.412560152 1.067973571 1 1.126306603
1.174955401 1.595346243 1.42749897 1 1.074876324 1.177783083
1.543430009 1.376111233 1 0.779979202 0.818732522 0.749631011
0.731369882 0.863007716 1 0.702515598 0.669418886 0.720989049
0.630485466 1 0.937488314 0.916961759 1.113361836 1.038967236
1.245134577 1.06738564
YJL151C YJL151C::SNA3::Homology to PMP3/SNA1 (Sensitivity to Na+) 1
1.47455299 1.519222913 0.896983921 1.565676204 1 1.096327769
1.06323846 1.507334639 1.531227364 1 1.234712344 1.266690678
2.202739735 1.284779795 1 1.344109771 0.942190183 1.409592183
1.692751734 1 1.987351738 2.792041415 3.006655521 1.81952419 1
1.22065825 1.170654317 0.980264717 1.058406715 0.87472118 1
0.979089224 1.309285113 1.040725091 1.014580101 1.796313603 1
1.21073503 1.479522739 1.404951813 2.067081049 1.51061231 1.383485958
YPL149W YPL149W::APG5::Involved in autophagy 1 1.346389296
1.105321763 1.072765591 1.483365901 1 1.178498351 1.1105588
1.948356508 1 0.978228868 0.970475231 1.320235402 1.491599212 1
0.885756867 0.846453315 0.814110926 1.3367577 1 1.578398551
1.943353549 1 1.030859157 1.154036084 1.037430425 0.962132459
0.997207234 1 0.98757224 1.316662398 0.781990286 1.137477221 1
0.914620014 1.117813343 1.136270733 1.089974669 1.466670158
YJL153C YJL153C::INO1::involved in the rate limiting step of inositol
biosynthesis 1 0.887927974 1.136581258 1.762096972 0.779044107 1
1.352652342 1.750785863 1.151567414 1 0.622678238 0.760213288
0.993229403 0.459657173 1 1.439416879 1.524642448 1.420684661
2.011375927 1 1.21694934 1.040126219 0.96535865 2.162280445 1
1.071246009 1.116618567 1.602146224 1.479187153 1.209651096 1
0.8831493 0.715158736 1 0.640305122 0.576394869
0.732021686
YPL151C "YPL151C::PRP46::protein required for pre-mRNA splicing in vivo, WD-
protein homologous to Arabidopsis thaliana pleiotropic regulators PRL1 and PRL2"
1 0.95844402 1.069005108 1.058186068 0.902042027 1 1.002868474
1.115309786 1.070309862 1 0.995175863 0.945160954 1.130577647
0.980990795 1 0.73708558 1.03386899 1.178375187 1
1.408467288 2.297397339 1.550218506 1.278902056 1 0.997262668
1.094945828 1.176053137 0.904116863 1.026031245 1 1.138926949
1.029662462 1.058194179 0.90049985 1.150676439 1 1.118402253
0.949283955 1.123261568 0.831155153 1.098008577
YPL153C "YPL153C::RAD53::Required for DNA damage-induced checkpoint arrest in
G1, S/M, and G2/M in mitosis, dispensable for sporulation but required for wild-
type spore viability; Mec1p and Tel1p regulate rad53p phosphorylation" 1

0.952254585	1.007576993	1.425737568	0.892643447	1	1.134211551			
1.100993299	0.987477796	1.005958323	1	0.882216302	0.827927469			
0.644664973	1.38892457	1		0.877414913	0.89458853			
0.60071014			1	0.854128682	1.308684126	1.458019792		
1.013051506	1.12718292	1	1.595717525	1.118051485	1.967830018			
1.469898618	0.668872461	1	1.182493161	1.127429519	1.038833374			
0.677505178	0.820329334	0.921156488						
YPL155C	YPL155C::KIP2::kinesin-related protein	1		0.947895559				
0.79631221	1.028067301	0.730613391	1	1.057226072	1.096668959			
0.803992947	0.843472945	1	1.102425886	0.744047507	0.779793268			
0.811260712	1	1.527994453	1.175974334	1.321349054	0.78177324	1		
1.446199292	0.860662335	0.696101177	0.701366835	1	1.199261354			
0.731822785	1.284032012	1.619518794	1.255050922	1	0.826737564			
0.465577799	0.649645969	0.533437174	0.387145551	1	1.918494373			
0.677745226	0.821925535	0.841857997	1.424306969	0.90276836				
YOR071C	YOR071C::YOR071C::not yet annotated	1		1.085669146	0.727132929			
1.158892763	0.721368938	1	1.074037728	1.088314634	0.636275051			
0.859811876	1	1.054423073	0.858848606	0.513092919	0.956883975			
1.085214864	1.205014725	1	0.575953644	0.864221823				
1	0.91667088	0.848347467	0.980352637	1.147018883	0.996327782	1		
0.814432639	0.557057571	1.389608275	0.989448322	0.483051348	1			
0.892447515	0.756986702	1.080970229	1.128374863	0.713847378	0.762668497			
YPL169C	"YPL169C::MEX67::Involved in nuclear mRNA export, binds both poly(A)"	1		0.855626951	0.949862446	1.061405724	0.911438346	1
1.019137486	1.060566769	1.084788208	0.893114126	1	0.913015951			
0.933993662	0.667354882	1.027033489	1	1.043991789	0.760841881			
0.57399203	1	0.670623147	0.767339587	0.64786414	0.601297877	1		
0.915778268	1.004976633	1.025543448	1.1007827	0.862126258	1			
1.025739113	0.687767408	0.893189148	0.854255799	0.762142741	1			
1.086289652	1.00943875	1.239468883	0.924280373	1.061783187	0.832718402			
YOR073W	YOR073W::YOR073W::molecular_function unknown	1		0.630338595				
0.793052154	0.818220711	1.057612344	1	0.749245435				
0.777950839	1	0.583621701	0.577315467	0.691482968	0.795989378	1		
0.545794969	0.455243721	0.56539872	0.776499835	1	0.865498994			
1.268396377	1.317831775	1.160811982	1	1.038020029	1.094482407			
0.989267498	0.892733918	1.369934364	1	0.856950966	1.007235851			
0.930638582	0.860934948	1.02037585	0.968677046	1.339554837				
1.017611096	0.937793286							
YOR075W	YOR075W::UFE1::t-SNARE that resides on the endoplasmic reticulum and mediates retrograde traffic from the Golgi complex	1		1.001612848				
1.092181011	1.278625681	1.206507396	1	1.127509267	1.026547214			
1.067522061	0.899131296	1	1.236647639	1.348225077	0.642817904			
1.235906661	1	0.956021185	1.133180596	0.898027767	0.720172791	1		
0.363054969	0.251005858	0.325336476	0.525844897	1	1.076784331			
0.894892805	0.845109013	1.033377573	0.848592158	1	1.183872866			
1.371827773	1.938630559	2.243998122	1.574083855	1	1.308114307			
1.671738709	1.940085751	1.630589401	1.298452206	0.67072796				
YOR077W	YOR077W::RTS2::similar to mouse KIN7 protein			0.919771363				
1.001021031	1.147217822	1.163994151		1.024275907	0.968772956			
1.075474532		0.931953538	0.887424549	0.768916419	1.074929971	1		
0.697236756		1.032080897	1	1.188726975		1		
1.015177382	0.854992809	1.137841193	1.187000494	1	0.931850815			
0.960465136	1.192004488	1.298099921	0.777341072	1	0.949762438			
0.771516698	0.906674705	0.857708258	1.12642389	0.761792884				
YOR079C	YOR079C::ATX2::Multi-copy suppressor of SOD-linked defects	1						
1.375621263	1.240747795	0.997705328	1.449604458	1	1.193896384			
1.215196661	1	1.321253627	1.035119452	0.945525697	0.873537571	1		

1.186610069	0.867917036	0.795842543	0.796464329	1	0.693556144
0.668677587	0.873164579	0.872041306	1	1.484040597	1.325511844
1.336430446	1.138010684	1.201364223	1	1.24967824	1.427892967
1.686239403	0.94160425	0.802741675	1	1.450842248	1.326296594
0.978247397	1.257438178	0.86568708	1.302052878		
YOR081C	YOR081C::YOR081C::molecular_function	unknown	1	0.881549994	
0.755394138	0.882954886	0.574635667	1	1.085662819	1.01094239
0.517329005	0.610962028	1	1.062052435	0.893703118	0.509573863
0.999834934	1	1.119594853	0.708777834	0.8297743	
0.683366043		0.55730933	0.66858742	1	0.780551972
0.741304476	0.825745172	0.82602157	1	0.819269486	0.54321013
0.947879053	0.891057484	0.427614648	1	0.867864813	0.773634456
1.019374656	0.805313668	0.716130688	0.621693021		
YDL074c	YDL074c::BRE1::putative coiled-coil protein with RING-finger and myosin-like domains	1	0.619896528	0.760982061	0.847945833
				0.995382539	1
0.790278556	0.784233284	0.9087034	0.818346355	1	0.684232484
0.676997775	0.659905109	0.823068582	1	0.90183713	0.683290274
0.573387148	0.922215332	1	1.199080319	0.895326065	1.015959525
1.022552423	1	0.951964057	1.075995517	0.867220494	0.983352289
1.250650737	1	1.129989251	0.962394695	1.177297879	0.885961199
0.907478836	1	0.979979482	0.876310234	0.825327489	1.121174317
1.001081289	0.853733421				
YOR095C	YOR095C::RKI1::Ribose-5-phosphate ketol-isomerase	1			
1.433863367	1.042732238	1.059064574	1.410156842	1	1.036306192
0.936434107		1.409385209	1	0.597441464	0.445521864
				0.367185389	
1.036414749	1	0.36480233	0.187797201	0.144356689	0.545715642
1					1
0.443183671	0.230617543	0.208667895	0.546453541	1	1.104487011
0.911712135	0.926212489	0.995743456	1.030676663	1	0.899123799
0.825405356	0.69622743	0.8171698	1.010777559		1.179454474
1.041434817	0.986385665	1.717219803	0.444690152	1.017475036	
YDL076c	YDL076c::RXT3::Hypothetical ORF	1	0.761850653	0.909114925	
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1					1
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YOR097C	YOR097C::YOR097C::molecular_function	unknown	1	1.050599269	
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1.533252891	1.509795911	1	1.22873586	1.508590974	1.989277087
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1					1
1.63240146	2.381799712	3.059659179	1.19999195	1	1.006864227
1.351047403	0.840321106	0.790782438	1.144436795	1	1.207678319
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0.875376115	0.963404169	0.952442208	0.756191309	1.393993415	
YOR099W	YOR099W::KTR1::mannosyltransferase involved in O- and N-linked glycosylation	1	1.186416483	0.799579196	1.107355041
					1.017454597
1.052518599	1.022839574	0.89601231	1.074829538	1	0.970122313
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1.073503155	1	0.529540244	0.406711193	0.419437354	0.611169447
1					1
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YDL078C	YDL078C::MDH3::malate dehydrogenase	1	1.48907455	1.467750578	
1.535765003	1.583083775	1	1.526963205	1.768595132	1.65045509
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1					1
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YOR101W YOR101W::RAS1::ras proto-oncogene homolog 1 1.344674809
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YDL080c YDL080c::THI3::Positive regulatory factor with thiamin
pyrophosphate-binding motif for thiamin metabolism 1 0.743103981
0.708581355 0.939525479 0.632755061 1 0.891920853 0.981082237
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0.882471708 0.540747915 0.66637951 0.816957217
YDL082w YDL082w::RPL13A::Homology to rat L13 1 1.161706684
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0.871689702 0.904673894 1.14881872
YDL084w YDL084w::SUB2::<u>Su</u>ppressor of the cold-sensitive snRNP
biogenesis mutant <u>b</u>rr1-1 1 1.152164007 0.957610517 1.050712838
1.465502579 1 1.085072844 1.097260126 1.06635937 1
0.90419388 0.84969891 0.748226821 0.922850185 1 1.370698499
0.988918149 0.982405536 1.062382132 1 0.882945759 0.708893327
0.810773504 0.777584495 1 1.087990853 0.823561936 0.997901502
1.129699317 1.012675936 1 1.154951739 0.781834446 1.235788157
0.657077193 0.695115109 1 0.945197218 0.852617359 0.790329735
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1.11737012 1.532922503 1.6080998 1 1.016397956 1.263015023
1.402865239 1.308233426 1 0.868138692 1.127182639 1
1.198776205 2.572957658 1.5456491
1.606474384
0.988579451
YDL100c YDL100c::ARR4::provides low levels of resistance to arsenicals 1
0.845341506 0.916270489 0.949002416 1.026691217 1 0.883587413
0.91144602 0.918751743 1 0.850539404 0.983483488 1.018116879
1.015245465 1 1.321960476 1.165806892 1.152327204 1.390993539 1
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1.339847044 0.95483979 0.822187389 1.113793689
YDL102W "YDL102W::CDC2::essential for mitotic and meiotic DNA synthesis,
dispensable for meiotic spindle pole body duplication, but required for
synaptonemal complexes and full intragenic recombination, spindle pole body
separation and spindle formation" 1 0.734881484 0.780979773 1.114874421
0.804255212 1 0.892637187 1.033468606 0.824914213 0.805233821 1
0.774125178 0.646141784 0.485022032 1.128118941 1 0.729958625

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0.565371047	0.679484244								
YDL104C	YDL104C::QRI7::similar to H.influenzae sialoglycoprotease				1				
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0.953392997	0.969655406	0.897465904	0.98094226	1.009854444	1				
0.850174152	0.941483763	1.249287618	0.882082064	0.797564216	1				
0.964154494	0.824735017	1.056115196	0.936801628	0.968997835	0.87299711				
YJL155C	"YJL155C::FBP26::fructose-2,6-bisphosphatase"				1	1.030136044			
1.264032154	1.209522002	1.06902089	1	1.115472104	1.503853482				
1.249638385	0.995273477	1	1.164923594	1.749484503	1.781383232				
1.243657225	1	2.173109131	2.439171944	2.234090124	1.54634748	1			
3.055537504	2.289063103	2.703069993	1.920703305		0.801165247				
1.016122679	0.887066249	0.626332557	0.943475793	1	1.680527825				
1.488584941	1.50458447	1.058402015	1	1.713710926	1.316206541				
1.162587351	1.55422755	1.164673727	1.267903512						
YJL157C	YJL157C::FAR1::Factor arrest protein				1	1.115332234			
1.065250185	1.080205919	0.923233449	1	1.180255478	1.089986333				
1.088453863	1.049057646	1	0.637824717	0.859632485	0.68989251				
0.843901936	0.845090121			1	0.380561141				
0.352359175	1	0.79547473	0.851442293	0.800450369	0.941315174				
0.953541354	1	0.838634101	0.564159537	0.554111264	0.717111321				1
0.558422494	0.900334673	0.506023409	0.827120684	0.650588607					
YJL171C	YJL171C::YJL171C::molecular_function unknown				1	1.948584286			
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1.413011033	1.438842079	1	1.966085435	1.588395841	1.476916441				
1.427554779	1	1.713423364	1.194022891	1.239372097	0.861781765	1			
0.763511089	0.604147075	0.540238728	1	1.029378029	1.061031807				
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0.888307014	0.683854545	1	1.555098253	1.100840298	0.908322098				
0.968344286	1.005771766	0.779305347							
YJL173C	YJL173C::RFA3::subunit 3 of replication factor-A				1				
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1.129824775	1.858298588	1.256692232	1.918602366	1.263820605	1.457913927				
YPL171C	YPL171C::OYE3::Old yellow enzyme				1	1.457503549	1.445416594		
1.030483357	1	1.164017072	1.200006241	1.409806841	1.080576104	1			
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30.02037006	13.32149264	1	1.181274058	2.358681102	2.013967255				
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0.374104409									
YJL175W	YJL175W::YJL175W::molecular_function unknown				1	0.908984026			
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0.698566213	1	1.144164033	1.24540286	0.520520537	1.363119461				
1.496591365	0.970467223	1	0.806551308	0.900265079					
0.743160604	1	0.696060792	0.709887468	0.748075057	0.751633859				

0.868967505 1 1.288631703 0.854497348 1.502542859 1
 0.84500638 0.736175603 1.008755575 0.529904867 0.618830214 1.230251695
 YPL173W YPL173W::MRPL40::Mitochondrial ribosomal protein MRPL40 (YmL40) 1
 0.923287167 1.381209014 1.34569384 1.436821579 1 1.153416069
 1.554926963 1.485011452 1.547381753 1 1.008610528 1.102203374
 1.323738293 1.200423655 1 1.091019136 1.050947038 0.752199793
 0.973705263 1 2.625850332 1.6539889 2.194048883 1.582074614 1
 1.076347418 1.168763806 1.20618815 0.850868986 1.050581982 1
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 1.309122017 1.150046207 0.925572839 1.028952522 1.837784053 1.429018341
 YJL177W "YJL177W::RPL17B::Homology to rat L17, human L17, and E. coli L22"
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 0.449519625 1 1.001635665 0.530687282 0.366899495 0.730607057 1
 1.029113907 0.950742153 0.686966979 0.971753799 0.943620972 1
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 YPL175W YPL175W::SPT14::N-acetylglucosaminyl-phosphatidylinositol
 biosynthetic protein 1 1.046578672 0.87290136 1.074132212 0.976869313 1
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 0.740516217 0.641803017 1.065518371 1 0.559911455 0.643004139
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 0.982494154 1.055265904 0.899732025 0.979377617 1.081948872 1
 0.775035353 0.966283774 0.966526242 1.439442275 1 0.976477548
 0.972396392 1.195556564 1.084383838 0.999087012
 YJL179W "YJL179W::PFD1::Prefoldin subunit 1; putative homolog of subunit 1
 of bovine prefoldin, a chaperone comprised of six subunits" 1 1.102174631
 1.546946219 0.9734757 1.655261006 1 0.880873551 0.829065667
 1.709562793 1.43153513 1 0.882093854 1.09667987 1.493419572
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 YPL179W YPL179W::PPQ1::May play role in regulation of translation 1
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 1.031864173 1.101077817 1 0.916922043 0.775685017 1.074631471
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 YPL195W "YPL195W::APL5::Delta-like subunit of the yeast AP-3 complex which
 functions in transport of alkaline phosphatase to the vacuole via the alternate
 pathway, suppressor of loss of casein kinase 1 function" 1 1.064884509
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 1.272509974 0.900508039 0.823893325 0.978158378 1 1.18616662

1.469289508 1.125637238 0.954221153 1.637002213 1 1.101191118
1.348686488 1.056314798 1.407847984 1.251879305 1.105037457
YOR103C YOR103C::OST2::Oligosaccharyltransferase catalyzes the transfer of
oligosaccharide from dolichol-oligosaccharide donor to consensus glycosylation
acceptor sites (asparagines) in newly synthesized proteins in ER lumen 1
1.590352446 1.59504588 1.106014664 2.019391737 1 1.243780318
1.149318439 1.408087532 1.618917682 1 1.136701902 1.226379249
1.655816907 1.179114071 1 0.897055891 0.663954481 0.611728915
1.359012748 1 1.023693585 0.994296812 1.168707139 1.134305599 1
1.121077336 1.193254432 1.010032772 1.14090545 1.247391166 1
1.019091995 1.504556871 1.433576719 0.825748309 1.145060669 1
1.174928842 1.252488018 0.849547681 1.455013379 0.829545196 1.846690988
YPL201C YPL201C::YPL201C::molecular_function unknown
1.093988463 1.106632033
0.63693636 0.500608826 1 1.224630877
1 0.836438537 0.697058832 0.856824535 1
0.894095768 0.373040578
YOR105W YOR105W::YOR105W::molecular_function unknown 1 1.246389817
1.300959725 1.339902351 1.806176419 1 1.16099158 1.239046197
1.486043716 1.662088311 1 1.054141804 1.026652124 1.2665235
1.317083684 1 0.863391531 0.702446894 0.879885426 1.400785217 1
1.053623424 1.509988884 2.135552245 1.418705988 1 1.290353041
1.402281259 1.442068756 1.267256422 1.383675707 1 1.050160632
1.146397721 0.883140298 0.845593002 1.485512326 1 0.881070346
0.856976408 0.995531873 1.248557271 1.093547046 1.204858665
YOR119C YOR119C::RIO1::Essential in yeast; plays a role in cell cycle
progression. 1 1.061584711 0.789632053 0.962907225 1.064700697 1
1.116060563 0.914801687 0.986854141 1 0.667792666 0.639318098
0.659073431 0.962802003 1 0.955116333 1.143996998 1
0.585766617 1 0.705709455 0.652086657 0.711289228
0.84955529 1.010057953 1 0.881077229 0.945496968 0.936704259
1.048230646 1.096801165 1 0.713056037 0.781158026 0.743335765
1.293347188 0.46321795 0.823086558
YOR121C YOR121C::YOR121C::molecular_function unknown 1 1.419417142
1.761051027 1.077743626 2.043029882 1 1.016607161 1.281576658
1.627742488 1 1.280173413 1.74480355 4.202828859 1.335788651 1
1.491111264 1.727109512 2.82482864 4.170952429 1 1.996697558
4.943208911 6.837131659 2.538229137 1 0.738818746 0.647818037
0.564992423 0.587597849 1.26921503 1 0.929163865 1.755035493
2.688331393 1.727907258 2.515422077 1 1.278868148 1.740453675
1.247979961 2.599162181 2.210883631 1.543725122
YOR123C YOR123C::LEO1::member of the RNA polymerase II-associated Paf1
complex 1 0.953025755 1.172576493 1.030869211 1.452894447 1
1.074670816 1.064645242 1.23322986 1 1.047317711 1.007703981
1.124375593 1.112286435 1 1.014783186 0.87665222 0.959319035
1.857114794 1 1.346303154 2.065761228 1.307087224 1.211026467 1
1.05205734 1.161722753 0.850509559 0.798602084 1.01888479 1
1.083545093 1.308491635 1.466739301 1.421585202 1.133869865 1
1.224618323 0.923442273 1.045407802 1.259240214 1.068364187 1.068261305
YOR125C YOR125C::CAT5::may encode a protein involved in one or more
monooxygenase or hydroxylase steps of ubiquinone biosynthesis 1
0.992498678 1.515056709 1.312226427 1.172877195 1 1.30519082
1.330743835 1.681763607 1 0.968865234 1.170043445 1.497371927
1.29282966 1 1.200245108 0.989687676 0.859619058 1.858391417 1
2.17279884 2.442282616 3.005090227 2.122007726 1 1.5457075
1.597823598 1.501428092 1.272523476 1.588104777 1 1.223788619 1.28006

1.607898276 1.134329453 0.909342042 1 1.529179333 1.238097491
1.192940423 1.399963764 1.542953051 1.005216354
YOR127W YOR127W::RGA1::putative GTPase-activating protein for the polarity-
establishment protein Cdc42p or Rho1p; activates the pheromone-response pathway
1 0.915962475 0.972853914 1.168856419 0.940337616 1 1.146867725
0.871075683 1 0.951084475 0.928431099 0.566002841 0.76328965 1
0.55226409 1
1.027771166 1.028839849 1.013352818 0.986648211 1.166551027 1
1.10705546 0.709662901 1.211154617 1.234550128 0.485939483 1
0.934242571 0.852222021 1.064598529 0.889333925 0.711507166 0.839723408
YOR129C YOR129C::YOR129C::molecular_function unknown 1 1.077051033
1.027930587 1.140264581 1.057317039 1 1.149574411 1.113982111
1.005261792 1.032670916 1 1.003111845 1.070427675 1.11523015 1
1.019203338 0.901086068 1.373280056 1.450275059 1 0.77752196
1.742613304 1.484915054 0.713061155 1 0.95045044 0.912154809
0.876265086 1.22617418 0.894793595 1 0.870922144 0.744121312
0.798800921 0.842992107 0.704010396 1 0.849644572 0.840387599
1.077862257 1.055977602 0.733772912
YOR143C YOR143C::THI80::Thiamin pyrophosphokinase 1 1.211144912
1.220718255 1.193859415 1.710547249 1 1.257084529 1.214311437
1.21604681 1.397577799 1 1.079481771 1.004844478 0.987347968
1.142674419 1 0.57342657 0.499045168 1 1.02785928
0.781228105 0.543430603 0.877290239 1 0.982206689 0.947144076
0.680648632 0.73611165 1.071582591 1 0.874507181 1.012585416
0.896202529 0.911165151 1.265430913 1 1.154951481 1.248208922
1.74892143 1.320991377 0.988579451
YOR145C YOR145C::YOR145C::molecular_function unknown 1 0.834153342
0.721766885 0.86116284 1.213861377 1 0.706904719 0.652079662
0.966130182 1.396048567 1 0.430955219 0.361111448 0.349997974
1.008808345 1 0.438698024 0.361478682 0.282070225 0.767495612 1
0.489885113 0.292202824 0.335567224 0.862302641 1 0.79188587
0.604877337 0.63695279 1.030602907 0.946924543 1 0.695791455
0.749609489 0.587675942 0.987708746 1.687223295 1 0.481731633
0.647944768 0.848338035 1.586591899 0.597736905 1.029733823
YJL199C YJL199C::YJL199C::molecular_function unknown 1 1.455684025
1.401900385 1.343404817 1.756327292 1 1.044906078 1.181687404
1.783797433 1.640613464 1 1.322015329 1.513082708 2.483304352
1.614581073 1 1.600280313 1.358399541 1.542586062 1.47699303 1
1.470728674 2.843551405 1.317086222 1.226048881 1 1.165945866
1.43204196 1.171429647 1.370755712 1.293001067 1 0.966644517
1.469417077 1.554747262 1.857975881 1.416571372 0.902203178
1.047141321 1.25957067 0.724500298 1.064668211 0.691742979
YJL201W YJL201W::ECM25::ExtraCellular Mutant 1 1.43766603
1.216567155 1.551863115 1.372795209 1 1.467697485 1.309367681
1.218956053 1.245127197 1 1.21851186 1.218252598 1.059916519
1.592700521 1 1.24788918 0.348085927
0.558520857 1 1.042976183 1.003213287 1.025502539 0.943843758
0.975566067 1 1.006534873 0.942704097 0.989187967 0.837344439
0.982419728 1 0.934850762 0.939279636 1.05849159 0.941154204
0.994805652 0.956181415
YJL203W YJL203W::PRP21::RNA splicing factor 1 0.904756082 1.302802248
1.095897208 1.321821655 1 0.975066059 0.93465862 1.190757215
1.22916493 1 1.021996404 1.27316466 1.301320207 1.159274023 1
0.923037989 0.794853273 1.077615537 0.726440223
0.708811379 0.849098204 1.084232353 0.686011374 0.894675322
0.725980377 1.001612415 0.911653203 0.964352223 1 0.791468684
1.15786133 0.97801749 1.027792931 0.977764976 1.020101927

YJL206C YJL206C::YJL206C::molecular_function unknown 1 0.965477427
1.088204696 1 1.004620693 1.065388837 2.112447474 1
1.090800939 1.593232715 2.647925671 1.453898014 1 1.052128679
0.927165629 1.104264504 1.443043867 1 1.6398878 3.363599046
3.192076145 1.312185048 1 0.86435318 1.104938579 0.712907471
0.641265912 1.093806525 1 0.968364185 2.899637986
4.276672885 0.43292117 0.717591399 1.01662375 1.401126921
YPL203W YPL203W::TPK2::Involved in nutrient control of cell growth and
division 1 1.270833323 1.456870421 1.547349555 1.150007745 1
1.640940568 1.600548445 1.297359422 1.214879859 1 1.902552219
1.858743591 1.542535705 1.385355609 1 1.986262149 1.544726889
1.442317238 1.051491226 1 2.105778555 1.358979051 1.623779782
1.314732776 1 1.355074428 1.593389805 1.407209687 1.190567093
1.065499582 1 1.477828074 1.132011808 1.477260674 0.924615182
1.117228411 1 2.017419748 1.464488822 1.443984869 1.122114044
1.980476814 1.017475036
YJL219W YJL219W::HXT9::High-affinity hexose transporter 1 1.359514331
0.956650416 1.496689183 0.87325023 1 1.385612499 1.230243519
0.8727195 0.921238724 1 1.547297819 0.916569262 0.912230995
0.810965948 1 2.244616261 1.906138462 1.532826759 1
1.88234163 0.973803059 1.223078843 1.079395796 1 1.0608116
0.829156151 1.143134222 1.38444655 1.094987681 1 0.998472025
0.773846775 0.939481634 0.754987479 1 1.015787873 0.703075954
0.975616581 1.105615538 2.327408585
YPL217C YPL217C::BMS1::BMH1 sensitive 1 0.714752533 0.559934912
0.89373748 0.582144487 1 0.783073473 0.736564894 0.77937303
0.879520196 1 0.687445611 0.473771114 0.409863862 0.868824238 1
0.510624998 1.041391976 0.403970822 1 0.55480291 0.395777215
0.262921404 1 0.73146924 0.673886704 0.853412667 1.028324472
0.891196481 1 0.89083918 0.618296087 0.610005266 1.136524511
0.809506774 1 0.624822381 0.518519776 0.869459886 0.735144588
0.521941956 0.676857354
YJL221C YJL221C::FSP2::homology to maltase(alpha-D-glucosidase) 1
1.105409985 1.129311391 1.426365171 0.945521578 1 1.311447589
1.505562905 1.268826194 1.148709427 1 1.325735875 1.418790852
1.400172882 1.094897285 1 1.47159974 1.465259775 1.189354017 1
1.295340551 1.32099081 1.688125159 1.394035637 1 1.01135064
0.952124607 0.915300369 1.296730032 1 1.014671588
1.204592903 0.960718838 1 0.791858914 0.782582142 0.899789145
0.701784747 0.92739731 1.085773768
YPL219W YPL219W::PCL8::PHO85 cyclin 1 1.196082501 1.141339534
1.156215234 1.306841722 1 1.156219403 1.047803502 1.251721965
1.215050977 1 1.079547998 1.019872301 1.193952486 1.170149955 1
0.917276243 0.771401011 0.934775983 1.027473488 1 1.200248812
1.266897419 1.168695299 0.723171773 1 1.088003282 0.948463003
0.961042766 1.239928153 0.976943997 1 0.779187134 0.919895457
0.820469104 0.746369445 1.188954263 1 1.011084387 1.235241379
1.208653127 1.619463673 1.544506084 1.131306256
YJL223C YJL223C::PAU1::member of the seripauperin protein/gene family (see
Gene_class PAU) 1 1.778320825 1.92858201 1.377942761 1.888406357 1
1.44451866 1.263060189 2.022841817 1.72385072 1 1.611145934
1.567073759 2.65313647 1.523435231
1 1.089966541 1.441091566 1.284163958 1.158906731
1.118833459 1 0.907904567 1.764684626 1.37942608 1.266622464
1.795833325 0.77607654 1.128458805 1.031221422 1.074418571
1.045845379 1.524461433

YPL221W YPL221W::BOP1::bypass of PAM1 1 0.77706375 0.652031509
1.002378168 0.571675309 1 0.900336188 0.919495301 1
0.770956803 0.71336597 0.575768002 1.022783709 1 1.045406041
0.999918861 0.981802217 0.770467996 1 1.00224191 0.652249811
0.495407671 1.10371419 1 0.914760036 1.067178792 1.491865704
1.371350765 1.017742242 1 0.687830797 0.585358599 1.158551969
0.838847027 0.386838333 1 0.998335724 0.727474193 1.16528659
0.594328975 1.007486479 0.666349844
YJR001W YJR001W::YJR001W::not yet annotated 1 1.005545666 0.855552882
0.880241443 0.544995678 1 1.026366169 1.076588165 0.878430046
0.701924945 1 1.039786597 1.000414168 0.898917578 0.825113125 1
0.96314744 1.324770553 1.094729667 0.567287609 1 0.896533699
0.571333422 0.549022741 0.625746782 1 1.115618485 1.084562554
1.091677147 1.201563214 0.905808424 1 0.762924214 0.872124396
0.734782101 0.744252452 0.576968716 1 0.964082082 1.04526339
1.004533312 0.845156312 0.958263102 0.812579049
YPL223C YPL223C::GRE1::Induced by osmotic stress 0.666126278
0.742509347 0.835255039 1.152246558 0.617471268 0.786441535
1.328954968 2.395037219 0.624517384 0.784825997 0.878761602 1
1.239360452 1.664245593 2.649021069 1 2.215690251 4.336907655
3.653173469 2.123210586 1 1.010286484 1.264917411 1.113519707
0.816189065 1 0.935091479 1.221388968 1.607662603 1.439652678
1.518946976 1 1.132900111 1.208025142 1.417360842 0.253265491
1.713144134 1.319565341
YJR003C YJR003C::YJR003C::molecular_function unknown 1 0.759122139
0.717271711 0.758304377 0.772969823 1 0.765108139 0.673334944
0.933849768 0.826393841 1 0.560857488 0.508350537 0.431453069 1
0.634372281 0.614429131 0.512020368 0.734814718 1 0.661605788
0.98580039 0.632571169 0.930015667 1 1.11898583 0.928338933
1.139595431 1.095790675 1.192402627 1 0.723097526 0.773939965
0.571995022 0.848019036 0.686311713 1 0.766066162 0.852461594
0.88280215 0.910357301 0.562573896 0.949176408
YPL225W YPL225W::YPL225W::molecular_function unknown 1 1.743781877
2.050282427 1.302710532 2.349306789 1 1.344134388 1.319094838
1.965961444 1.903803554 1 1.5369581 1.946687776 1.741278637
2.148926088 0.255894085 0.36473212 0.248929111 1
1.84119166 2.4807957 1 1.059138069 1.210486625
0.935818322 0.69174429 1.207977314 1 1.156650186 1.954793799
1.575157157 1.270565393 2.181438473 1 1.351489828 1.620526546
1.135282161 1.560593932 1.689883999 2.46313028
YJR005W "YJR005W::APL1::beta-adaptin, large subunit of the clathrin-
associated protein complex" 1 0.863818794 0.877715824 1.087172964
0.866726313 1 0.966636034 1.056017856 0.963589717 0.737024506 1
0.824376991 1.029462995 0.641997079 0.992499282 1 1.311468751
0.930379791 0.958911946 0.62991511 0.956945305 0.963904765
0.810521634 1 1.063813288 1.058629105 1.281018936 1.06971296
1.189249568 1 1.159483006 1.010724831 1.122441781 0.98740293
0.445843579 1 0.991982655 0.806041053 0.902543016 0.790854245
0.765093218 0.891385238
YPL227C YPL227C::ALG5::UDP-glucose:dolichyl-phosphate glucosyltransferase 1
1.305794827 1.086341241 1.339683658 1 1.200559877 1.02310344
1.182821246 1.149140779 1 0.982828982 0.97250374 1.07442237
1.619689668 1
0.973574784 0.917449293 0.76163798 1.018588741 1.072695971 1
0.872985634 0.946415561 0.723511635 0.821371891 1.475238253 1
1.155565202 1.039304431 1.079509138 1.411269069 1.368957503 1.132181817

YPL241C YPL241C::CIN2::involvement in microtubule function 1
1.679932351 1.390545917 1.208124986 1.643287485 1 1.065671532
1.212480286 1.557300987 1 1.134835175 1.046625294 2.443071154
0.665153733 0.56099856
1 0.891390733 0.93289845 1.213049607 1.111450732 1
0.765805829 0.954280793 1.362794079 1.277839014 1 1.060315368
1.266809262 0.598163391 1.122239633 1.072639421
YPL243W YPL243W::SRP68::part of the signal recognition particle (SRP)
ribonucleoprotein (RNP) complex that functions in protein targeting to the
endoplasmic reticulum (ER) membrane 1 0.692335737 0.739217973 0.815176167
0.783866944 1 0.877666758 0.678911495 0.793407704 1
0.617263885 0.66106487 0.935678514 0.657733168 1 0.8795133
0.526410351 0.741199703 1 1.036920962 0.720044189 1.305821375 1
0.869590883 0.841897107 0.916889614 0.95568162 1.055811489 1
0.998296102 0.830228459 0.920847837 0.836453509 1.07590528 1
1.157453875 0.898551109 1.049383804 1.003434139 1.076820859 0.899265805
YOR147W YOR147W::YOR147W::molecular_function unknown 1 1.094123504
1.048798412 1.1455181 1.113784627 1 0.99490454 1.069599023
1.135942378 0.992770944 1 0.864602063 0.930763784 0.676717447
1.123309122 1 0.694306939 0.512272051 0.474005339 0.707143436 1
0.931112132 0.474615641 0.433970709 0.778816274 1 1.015092595
0.963165654 0.797765744 0.954765688 0.949223823 1 1.017947661
0.87867011 0.896648972 1.000774739 1.148344805 1 0.992476082
0.947349829 1.047043204 1.524741085 1.160924594 1.146191829
YPL245W YPL245W::YPL245W::molecular_function unknown 1 1.025945768
0.827216831 0.907569212 0.887276067 1 1.034915222 0.751518418
0.889171855 0.867489765 1 0.812469368 0.542275713 0.708632207
0.690175847 1 1
0.788952391 0.576749892 0.80282725 0.972226067 0.782401022 1
0.689553759 0.437374309 0.463703888 0.522687492 0.648296315 1
0.659344288 0.379685215 0.719777378 0.608480954 0.565232046 0.892260903
YOR149C "YOR149C::SMP3::Involved in glycosyl phosphatidyl inositol
synthesis; most likely an alpha 1,2 mannosyltransferase utilized for addition of
the fourth, side-branching mannose onto the GPI core structure." 1
1.546829605 0.996920427 1.318167988 1.21682934 1 1.462445531
1.342679006 0.93079288 0.930335587 1 1.545212554 1.159963687
0.616037776 1 1.453814896 0.696009164 0.756123872 0.708025268 1
1.202817089 0.735450035 1 1.159014082 1.067833211
1.430273042 1.477979137 1.002061023 1 0.892045456 0.739811202
0.895914299 0.945351934 0.596896943 0.824936388 0.847414036
1.023922555 1.034339796 1.009376059 0.666349844
YOR151C YOR151C::RPB2::second largest subunit of RNA polymerase II 1
0.866802289 0.746832741 1.057451765 0.755534395 1 1.142041945
1.097964535 0.700111335 0.602075426 1 0.881234087 0.973524501
0.376967447 0.807518865 1 0.611663917 0.350909198 0.333813035
0.585216102 1 0.958489173 0.458142648 0.75474674 1
0.962083363 0.967675407 1.035904969 1.05723272 0.903839374 1
1.017121995 0.672182334 0.833744702 0.769237039 0.499410379 1
0.912253593 0.876423588 1.038666568 0.830460383 0.991771025 0.601553668
YOR153W YOR153W::PDR5::multidrug resistance transporter 1 1.607284228
1.397854194 1.688932748 1.497387694 1 1.655523261 1.543817346
1.457825834 1.156401836 1 1.847915196 1.449662775 1.020036829
1.301290757 1 1.174900718 0.790049473 0.852104859 0.850053082 1
0.768688846 0.868712927 0.5881059 0.703621115 1 1.057800423
0.842004826 0.755237743 1.058916184 0.841430411 1 1.078188881
0.316914612 0.598086138 0.450080124 0.161719562 1 0.583890577
0.329559395 0.400861546 0.319055426 0.36995464 0.62957364

YOR167C	YOR167C::RPS28A::Homology to mammalian S28	1	1.262514614	
	1.581908933 0.825871704 1.867840878 1	1.073104152	1.043066313	
	1.552667294 1.250454988 1	0.962327351 1.003136257	1.098110964	
	0.850693139 1	1.039372714 0.29982132	0.330069039 0.851721417	1
	1.115634053 1.411764623 0.89750989	0.942429104 1	0.973560453	
	1.021037579 0.652255815 0.97262416	1.138568709 1	1.08044689	
	1.592073846 1.010197971 0.724555555	1.883990772 1	0.877483039	
	1.2618708 0.837642506 2.139926848	1.134275098	1.439525903	
YOR169C	YOR169C::YOR169C::molecular_function unknown	1	1.450107706	
	1.574267271 0.993041654 1.911500302	1	1.165649713	1.70882227
	1.368319637 1	1.027288954 0.820930985	1.237864051	1.116429709
	0.991004518 0.545196549 0.606239947	1.218942773 1	0.935785841	
	1.417811508 1.131890782 0.956304939	1	0.829907075	0.658961762
	0.50391933 0.605569161 0.712304179	1	1.170455073	1.128809108
	0.885062434 0.780379922 1.463497211	1	0.880203828	1.283887073
	0.639040514 1.945678095 0.70894392	1.539347006		
YOR171C	YOR171C::LCB4::involved in sphingolipid biosynthesis	1		
	0.991157121 0.940167294 1.210851066	0.993624544 1	1.081789476	
	0.901544662 0.901729545 1	1.133083704 1.172631758	0.725348977	
	1.099458908 1	0.967043653 0.66284238	0.864063788	0.912985037
	1.115360576 0.960588685 0.835053881	0.877852465 1	0.966691196	
	0.91222922 0.921070939 0.83902933	0.894899672 1	1.053494511	
	0.751836079 0.844045741 0.696033905	0.616018909 1	1.21077201	
	0.80879162 0.910106203 0.661924082	0.979513699	0.885255897	
YOR173W	YOR173W::HNT5	1	1.036724327	1.943210847
	1.482336237	1.789291237 1.89244819	1	1.530040809
	5.803667717 1.965163137 1	4.057010606 3.735997935	5.859973179	
	6.231976558 1	4.55552388 3.974399893	7.363836017	4.107247002
		1	1.168672021	1.268204268
	1.770198274 1.470142651 1	1.224875254	1.245764566	1.307790723
	1.055535818 2.611291054 1.387864073			
YOR175C	YOR175C::YOR175C::molecular_function unknown	1	0.890370871	
	0.750982681 0.999686466 0.96794748	1	1.051010883	0.847644806
	0.683897315 0.726740424 1	0.9405141	0.753336983	0.464122326
	0.922850178 1	1.259151038 0.92233529	0.735735529	1
	0.821392276 0.518163389 0.509040443	0.610177425 1	1.161703609	
	1.492688048 1.527832806 1.787329234	1.389703853 1	1.019009586	
	1.23535967 2.136195548 0.810029824	0.905322947 1	1.050854627	
	1.190654871 1.0287284	0.761476983	0.790688469	
YOR177C	YOR177C::MPC54::Meiotic Plaque Component	1	1.620625831	
	1.68394356 1.771766205 2.14813516	1	1.582514906	1.688315824
	1.71491951 2.015330599 1	0.321310084	1	0.960627858
	0.891940446 0.959985609 0.918352131	0.979645773 1	0.641222489	
	0.713514395 1.050762525 0.87544734	1	0.803760661	0.850145072
	1.151403126 1.221872946 1.365978985			
YJR018W	YJR018W::YJR018W::molecular_function unknown	1	1.415736139	
	1.369445568 0.881656222 0.712785377	1	1.104902397	1.385957062
	1.040379222 0.960641676 1	1.304149336	1.552797959	1
	0.786530249 0.758918057 0.854037104	1.153194167 1	1.597083539	
	0.940650962 1	1.06004177	1.118134782	1.853895614
	1.397742698 1	0.729859645 0.957842309	0.809356789	1.232827055
	0.825508317 1	0.682040285 0.619392584	1.005179771	0.709493016
	0.735913255 0.901892695			
YJR020W	YJR020W::YJR020W::molecular_function unknown	1	1.202259193	
	1.014200235 1.208259727 0.796761507	1	1.207131342	1.352868102
	1.037421449 0.950265631 1	1.229652072	1.319732113	1.35102817

1.101592854	1	1.070245202	1.313027526	1	1.198606188
1.058596964		1.110572596	1.419609003		1.405891075
1.537350136	1.13531381	1	0.803150714	0.683003815	0.763591149
0.850754778	0.53761463	1	0.817571156	0.679679836	1.00093015
0.675598269	0.875686298	0.895763354			
YJR022W	YJR022W::LSM8::Like Sm-B protein			0.948090967	1.043157298
0.921352305	1.174762847		0.922574765	0.889689423	1.154057569
1.303455409		0.907840921	0.998484854	1.103126311	1.025001532
	0.596879746		0.458681791	0.986269191	0.408289669
0.862809762	1.05789766	0.629272598	0.767760335	1.149808663	1
0.833347034	1.238421878		1		1.281876207
1.462309179	1.267027951				
YGR018C	YGR018C::YGR018C::molecular_function unknown			1	1.161557796
1.476791785	0.9847149	1.609897793	1	1.03864376	1.003309578
1.497290403	1.553769634	1	1.252465635	1.446985729	1.78180669
1.156527278	1	1.63213476	1.181863404	0.883742743	1.415009532
1.879241715	2.157785712	1.051540916	1.091484648	1	1.151956044
1.035347384	0.782351871	0.674312231	1.023011922	1	0.979122298
1.532429119	1.023344715	0.827708495	1.425830546	1	1.316020837
2.24542938	1.350414531	2.293977006	2.348512695	1.141813714	
YJR024C	YJR024C::YJR024C::molecular_function unknown			1	1.2508062
1.210907809	0.921237724	1.056775847	1	1.051047423	0.941673581
1.36170198	1.369569628	1	1.033622003	0.931904411	0.943875933
1.088469656	1	1.271556507	0.618543109	0.704379122	0.938127892
1.513625426	1.104952504	0.879442818	1.175284266	1	1.032095679
0.877598711	1.232481697	1.185604841	0.872868776	1	0.879207091
0.912874032	0.816177876	0.747270652	0.822013192	1	1.463265404
1.195512341	1.272540643	1.215386277	1.058629408		
YGR020C	YGR020C::VMA7::vacuolar H-ATPase 14 kDa subunit (subunit F) of the catalytic (V1) sector			1	1.64856601
0.986537429	1.184376111	1.551073207	1.606939392	1	1.038053507
1.370356521	1.893256202	1.221825122	1	1.245031181	0.855356207
0.828153166	0.921664072	1	1.483455714	0.939075165	1.160810185
0.857289536	1	0.936344909	1.186779746	0.836899584	0.966815688
1.04108289	1	1.169871832	1.552263544	0.884621363	1.181618948
1.271324745	1	1.200983989	0.876485599	0.979617413	1.270565458
1.176903013	0.84847964				
YJR026W	YJR026W::YJR026W::molecular_function unknown			1	1.084049368
0.889038464	1.52272652	0.771892006	1	1.428266432	1.20141275
0.976904232	0.8125048	1	1.506962596	1.413825648	0.855498818
0.797383307	1	0.955582093		0.877400049	0.548914145
0.433733597	0.369922778	0.367972905	0.574450331	1	0.910158538
0.978985671	1.672501258	2.126590647	0.881412117	1	0.919383187
1.117172648	3.38039469	4.828164556	1.685770236	1	0.915469951
1.629201203	1.686979339	1.055649859	0.717477898	1.132181817	
YGR034W	YGR034W::RPL26B::Homology to rat L26			1	1.117587111
1.180821681	0.761457032	1.442794716	1	0.880382985	0.817840962
1.210781671	1.052178893	1	0.788886052	0.823360611	0.885679356
0.82834371	1	0.677190485	0.372391871	0.266040191	0.588284367
1.537596506	1.148310729	0.748808923	0.868109804	1	0.95422316
0.85732832	0.72836283	0.937137877	0.872320765	1	0.904609017
1.473296351	0.750610809	0.608213715	1.501085415	1	1.09388505
1.404512765	0.781809512	1.895398556	1.270595084	1.15144561	
YJR028W	YJR028W::YJR028W::not yet annotated			1	1.024579642
1.411850526	0.607925795	1	1.03854834	1.100421735	0.78659078
0.64733656	1	1.536291984	1.584267173	0.905627201	1
0.968816944	0.439562047	0.851506077	0.680112926	1	0.331650012

	0.290195315	0.352533831	0.612250166	1	1.146777815	1.047732405	
	1.366628682	1.691865171	1.271911028	1	0.964218455	0.978955743	
	2.462664063	4.14470702	1.796702328	1	0.783724856	1.498450062	
	1.416742902	0.898364318	0.614416287	0.827464674			
YGR036C	"YGR036C::CAX4::CAX4p contains 3 short stretches of amino acids that are characteristic for a wide variety of phosphatases, including lipid phosphatases and a protein phosphatase."						
	1.120348552	0.757273146	1	1.113801089	1.049224888	0.919943721	
	0.936567604	1	0.953887357	0.968646749	0.867534217	0.88739997	1
	0.805123809	0.690165582	0.73122096	0.981163	1	1.122158371	
	1.061437486	0.804659085	0.8945531	1	0.956163663	1.118724742	
	1.08243034	1.186178837	0.998533897	1	0.987935618	1.138243016	
	0.872245477	0.784698244	0.576747172	1	1.113946934	0.788731802	
	0.865141805	0.765327752	0.597939712	1.34058036			
YJR042W	YJR042W::NUP85::Protein in nuclear pore complex; may function in nuclear envelope integrity; may also be involved in tRNA biogenesis						
	1.757503955	1.764065714	1.655686473	1			1
		3.564226171	2.113685495		2.547868582		
			1	1.072563186	0.9960893	1.349392037	
	0.892834725	1	1.086035713	1.104157471	1.427942616	1.34950575	
	1.485764292	1	0.871122671	0.985464546	0.822111364	1.009688117	
	0.609479015						
YGR038W	YGR038W::ORM1::Product of gene unknown						
	1.460734669	0.982247752	1.420480703	1	1.155803788	1.144368138	
	1.401615779	1.22544213	1	1.429415776	1.317722518	1.622363589	
	0.881654195	1	1.800828259	1.156696245	1.437039921	1.520597185	1
	1.061333356	0.861161986	1.007151173	0.682036648	1	1.07377181	
	0.94859738	0.748254466	0.946532612	0.751615559	1	1.031716465	
	1.40952125	0.766629873	0.726068252	1.287648173	1	1.132424304	
	1.29633534	0.920298804	1.419120369	1.233745359	1.058629408		
YJR044C	YJR044C::VPS55::Vacuolar Protein Sorting						
	1.369863838	1.050015344	1.795816123	1	1.044278513	1.144059998	
	1.383703658	1.365072969	1	1.41562542	1.477613226	1.314599604	1
	1.312697776		1.157853567	1	1.698891267	1.793695587	
	2.182003431	1.328511972	1	1.210095678	1.648719318	0.949082647	
	1.262533749	1.174728611	1	0.859483875	1.504620758	1.431740909	
	0.844622948	1.011417902	1	1.053679045	1.388922998	1.126298483	
	1.187580502	1.386714143	1.463167707				
YGR040W	YGR040W::KSS1::Recovery from alpha factor arrest						
	0.91720684	0.820012627	1.005894743	0.773420499	1	0.940910867	
	1.040706486	0.895498494	0.910422034	1	0.936950538	0.91939247	
	0.610092582	0.911356813	1	1.174204256	0.857901556	1.15467269	1
	1.030918992	0.868601368		0.87789918	1	1.077597805	0.933464605
	0.966221304	0.832245604	0.904387437	1	1.100910543	1.166014201	
	1.001447044	1.243960197	0.874994792		0.977236758	1.13861858	
	0.736832197	1.002317506	0.919405158				
YJR046W	YJR046W::TAH11::Essential protein.						
	0.544014785	1	0.789927879	0.796520507	0.596604899	1	
	0.977773006	0.717024167	1.133854892	0.487771915	1	0.597490279	
	0.926954228	0.825175414	0.741667078	1	0.613310172	0.621461144	
	1	1.046737784	0.936038731	1.135058861	0.96888453	1	
	1.176678581	0.540289884	0.60451357	0.640193113	0.320084615	1	
	1.06445628	0.567796283	0.720673913	0.466946637	0.464633878	0.68386236	
YGR042W	YGR042W::YGR042W::molecular_function unknown						
	1.176839913	1.076794564	1.478571323	1	0.941913037	1.031997321	
	1.536700423	1.732487108	1	0.807546934	1.124733222	2.392320237	
	1.719719472	1	1.202454549	1.364652148	1.921682337	2.251137499	1

1.315770142	1.946994594	2.565922745	1.519277862	1	0.861026115
1.120216033	0.830349321	0.703727154	0.958722468	1	0.794124575
1.576843969		1			1.500108068
1.774742995					
YJR048W	YJR048W::CYC1::iso-1-cytochrome c	1	1.586633744	1.114934773	
1.018862621	1.79800855	1	0.995947678	0.953994866	1.504453548
1.724009392	1	0.580282605	0.669915702	1.963435221	0.782829718
0.982015704	0.275767779	0.379411849	0.430816486	1	1.674328809
1.322838424	1.020337182	1	0.371143101	0.253327447	0.197799555
0.403858551	0.430320566	1	0.186377761	0.130910292	0.126252636
0.191647029	1.110734124	1	0.242528183	0.22910949	0.438666114
1.14468498	1.35803114	0.969315762			
YGR044C	YGR044C::RME1::mediates cell type control of sporulation; negatively regulates IME1 and sporulation	1	1.454719506	1.517233147	1.88881714
1.614339642	1	1.631298765	1.571962296	1.645350359	1.443098853
1.244590088	1.781420336	1.69199027	1.561872693	1	1.601488595
1.604768922	1.249369118		1.155120218		0.676197325
0.922635305	1.238671235	1.279368485	0.909196562	1.131023555	1
0.699281016	1.119122579		0.845465353	1.575711773	1
1.279102026	1.662856675	1.434983131	2.185025755	1.369475945	
YGR058W	YGR058W::YGR058W::molecular_function unknown	1	1.213334656		
1.212555626	1.348545241	1.521670527	1	1.179568891	1.207622537
1.231756199	1.340753214	1	1.031140931	1.228466266	0.98350643
1.44161207	1	0.670771497		0.436412004	1
0.710998592	0.789164929	1	1.106839851	1.038676512	0.952802741
0.961464853	0.972609852	1	0.946656443	1.183810545	0.805926061
1.097346966	1.406499775	1		1.099350678	0.974221597
1.387442238	0.854609034				0.785439418
YGR060W	YGR060W::ERG25::membrane-bound non-heme di-iron oxygenase involved in lipid metabolism.	1	2.492602975	2.213403807	2.227427269
2.252557362	2.215945528	2.241855002	2.076401248	1	1.76718786
1.76279138	1.9610194	2.090324855		0.819030076	
0.770167443				1	1.03806885
1.434212892	2.392291461	1.052434214	1	0.596212218	1.181236274
0.496574632	1.682081186	1.805043569	1	0.727899768	0.611077569
1.689752142	1.973001308	0.871749052	1.468421488		
YJR050W	"YJR050W::ISY1::Interacts with Syf1p, Prp39p and Ypl213wp. May play a role in mRNA splicing."	1	1.023791908	1.050977323	1.1168121
1.276433671	1	0.972413651	0.90621507		1.272632943
1.086257183	1.290617918	1.458964939	1.334423374	1	0.988989878
0.969646363	1.196211215	1	1.266567146	0.685815791	1.48610359
1.464919679	1	1.10448698	1.323534311	1.27469295	0.956867961
1.3995229	1	1.102410683	2.182044208		1.185723924
1.338516853	1.593219251	0.947698523		1.04072101	1.562988811
YJR052W	YJR052W::RAD7::Nucleotide excision repair protein involved in G(sub)2 repair of inactive genes	1	1.055253243	0.850224333	1.080597095
0.934657516	1	0.901339628	0.976343745	0.901968167	0.909247957
1.002536979	0.999731464		1.198756554	1	1.399538858
1.110512578	1.068826812	1	1.222534825	1.071687861	0.966936665
1.193313817	1	0.887933152	0.833845481	1.047203468	1.337816285
1.220386607	1	1.163853913	1.294719443	1.140918529	0.994422599
0.867117484	1	0.892016958	0.894634321	0.803050222	0.807704267
0.754131991					
YJR066W	YJR066W::TOR1::Involved in cell cycle signaling and meiosis	1			
1.252686866	1.082329496	1.163016035	0.988560101	1	1.155263044
1.299321415	1.209021065	1.235505704	1	1.22506229	1.446385628
2.011489156	1.372134522	1	0.982044728	0.694104303	1.129405185

0.947535187 1 1.158133827 1.405481832 1.112924525 0.763155219 1
 0.90112354 0.935947363 0.981241082 0.981713718 0.90747162 1
 0.980889891 1.424005564 1.101372705 0.957249355 1.285881055 1
 0.829503957 1.334026703 1.105170994 1.077212991 0.941420195 0.941295842
 YGR062C "YGR062C::COX18::Mitochondrial inner membrane protein, required for
 export of the Cox2p C terminus from the mitochondrial matrix to the
 intermembrane space" 1 1.211352265 1.323283804 1.27039086 0.968175013 1
 1.316178699 1.314586933 1.383929698 1.338942912 1 1.254602018
 1.242702196 1.467987164 1.199499859 1 1.030866387 1.012927715
 1 1.13325743 1.310205591 0.706049275 1 1.224580298
 1.301303124 1.134039259 1.058697595 0.958281122 1 1.065062878
 0.927856008 0.90010474 0.846370865 1.240569442 1 1.184091284
 1.149385031 0.990344727 0.903076307 1.466241435 0.942171402
 YJR068W YJR068W::RFC2::RFC is a DNA binding protein and ATPase that acts as
 a processivity factor for DNA polymerases delta and epsilon and loads
 proliferating cell nuclear antigen (PCNA) on DNA 1 0.861996467
 0.870584194 0.861879072 1.015602748 1 0.72573311 0.71118157
 0.987665849 1.013481546 1 0.682225971 0.82297311 1.123932972 1
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 0.873096518 1 0.374208754 0.123946851 0.153352759 0.422063182 1
 0.325396474 0.159985033 0.125697937 0.511420203 0.884477248
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 YJR072C YJR072C::YJR072C::molecular_function unknown 0.96902287
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 0.818810121 0.967196301 0.831144659 1.05005316 0.817512639
 0.812801078 0.896990229 0.949829868 0.817455794 1

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0.642734978	0.809568602	1	0.737412314	0.474342751	0.372148987
1.158838498	0.484920369	1	0.754865975	0.521951006	0.752211561
0.489769323	0.923933451	0.781056625			
YJR074W	YJR074W::MOG1::Required for nuclear-protein import				1
1.701193391	1.692713925	1.283088855	1.741617804	1	1.321315086
1.822479817	1.912273791	1	1.233061596	1.298463492	3.742050785
1.247054046	1	0.88339489	0.701789007	1.219002974	1
1.963269852	1.523975279	1.411208426	1.375020063	1	1.102165776
1.136335275	0.991551713	1.258976408	0.996774754	1	1.188537373
1.415683074	1.889009268	1.377308138	1.356694194	1	0.765658688
1.182528897	0.971802445	0.972168422	0.810581693	0.988579451	
YGR082W	YGR082W::TOM20::Translocase of Outer Mitochondrial membrane				1
1.223579002	1.165170754	0.920476125	1.101401262	1	0.959908544
1.142098413	1.141387057	1.062485995	1	0.997222216	0.915303109
1.184154972	0.73684099	1	0.991910621	0.68366111	0.866275508
1.009313177	1	0.919230703	1.044544049	0.761949018	1
1.244492701	1.113244949	1.089597788	1.009915376	0.83523181	1
1.087756952	1.128534714	0.735744586	0.571030114	0.889877766	1
1.025370562	1.037204004	0.70078519	0.891004225	1.080198053	1.165455518
YJR076C	YJR076C::CDC11::involved in proper bud growth				1
0.949309645	1.059014218	1.210860636	1	0.952965402	0.903726938
0.928289646	1.030162965	1	0.886385944	0.853114815	1.204052233
1.199242206	1	0.919878734	0.60339461	0.682567756	1
0.893162106	0.94658316	0.919901398	1.073288469	1	0.920588684
0.778342368	1.04188457	1.049934246	1.135077716	1	0.853756512
0.94949433	1.029861222	0.92000692	0.940431106	1	0.870718307
0.849848704	0.786898854	0.728287632	0.894132439	0.90539525	
YGR084C	YGR084C::MRP13::35 kDa mitochondrial ribosomal small subunit protein				
1	0.84981562	1.281513506	1.188563489	1.268857773	1
1.24615239	1.293730844	1.08825157	1	0.974040551	1.008355699
1.027714467	1.045162428	1	0.811217775	0.579486584	0.587866628
1.449954253	1	1.540481809	1.103621134	1.258921447	1.410194919
1.103443353	0.984430176	0.903478771	0.839862282	1.027408951	1
1.171654737	1.222565377	1.14044114	0.871473223	1.544781454	1
1.223465743	0.931839251	0.875829809	0.944511703	1.606819246	1.013972585
YJR091C	YJR091C::JSN1::benomyl dependent tubulin mutant				1
0.945779385	1.16699068	0.869096832	1	1.30599431	1.32693887
0.833369832	0.707027731	1	1.455227173	1.42926478	0.858934912
0.980220028	1	1.228891418	0.500458263	1.016134768	0.725004234
0.567587646	0.764107102	0.911048644		0.941540311	1.066744795
0.86079775	0.989915682	0.857357338	1	1.30316729	0.817964822
1.29436017	0.838350359	0.633457492	1	0.706116405	0.793119224
0.796404196	0.569490227	0.50580236	0.620817408		
YGR086C	YGR086C::YGR086C::molecular_function unknown				1
1.154224034	1.499341758	1.175182457	1	1.436686887	1.394306715
1.02712238	1.289979825	1	1.032903865	1.320130855	1.325092157
1.061001457	1	1.370453934	1.450508808	1.485579566	1.537735447
1.28117694	0.754660262	1.395565885	1.47403327	1	1.017370257
0.941059071	0.859490348	0.702440565	0.815545362	1	1.075484305
1.199994166	1.456579097	0.700474177	1.206677063	1	1.071079751
0.969451289	0.965656651	1.318364043	1.283662201	0.895763354	
YJR093C	YJR093C::FIP1::component of a pre-mRNA polyadenylation factor that interacts with poly(A) polymerase				1
1.164925915	1	1.008939539	0.991846182	0.804122094	0.84169221
0.972639983	0.88530912	0.8623902	0.845441153	1	0.746689027

0.497946112	0.523820392	1	1.276300866	1.507661909	1.45611298
1.626761456	1	0.799770816	0.716663224	0.798785474	0.752033046
0.852999465	1	0.988268651	1.065279521	1.095395165	1.092497906
1.220209895	1	0.858834523	0.970234315	0.577501211	0.98268027
0.542049204	1.408003427				
YGR088W	YGR088W::CTT1::cytoplasmic catalase T	1		0.986858746	
1.742515387	2.578548221	2.293258115	1	2.298038787	3.829467381
2.238902138	1	4.282451121	10.51974364	19.45976085	5.421187353
7.835676062	24.67443617	8.84192774	1	3.28593731	2.036474907
9.31604852	3.767945354	1	1.022429262	1.006984697	0.834190054
0.800526897	1.089408444	1	0.626411631	0.740942517	0.789859418
0.778190696	1.372182736	1	0.92830604	0.873399686	0.956989808
0.934206361	2.034793105	0.830967177			
YGR090W	YGR090W::UTP22::U3 protein	1	1.397284687	1.265300167	
1.636278391	1.315054851	1	1.631170983	1.061090085	1
1.212263136	1.113780246	0.784870811	1.176856045	1	0.770609656
0.516802158	0.707418529	1		1	
0.741961257	0.674370663	0.80829052	0.977751522	0.880584707	1
0.814174889	0.442053846	0.608547089	0.755655081	0.497616082	1
0.655406665	0.618265645	0.772800826	0.702703491	0.648469287	0.582289979
YGR092W	YGR092W::DBF2::kinase required for late nuclear division	1			
0.796691883	0.88146967	0.878130085	0.678564075	1	0.967485857
0.944338643	0.817664179	0.743576097	1	0.849325224	0.927341868
0.729645082	0.748256886	1	1.237137905	0.934920222	0.934509724
1.058639928	0.944405823	0.991548541	0.741442264	1	0.839466165
0.892111076	0.855099238	0.862118433	0.964880207	1	0.984167416
0.799249142	0.882581207	0.974741551	1.156700708	1	1.138530943
0.791333179	0.908537373	0.971103281	1.186578689	0.931663945	
YCR006C	YCR006C::YCR006C::molecular_function unknown			1.222667955	
0.797172586	0.83799747	0.984321892	0.864426635		
1.001133043	0.945215463	0.833480983	0.695296803	1.129753349	1
0.836726371	0.481799315	0.5560586	0.740410186		
0.496820224	1	0.751808275	0.697524467	0.869259539	0.92945571
0.736839855	0.734271114	0.861190412	1.069873608	1.559019606	1
0.903172685	1.056982207	1.390001015	0.572057746	1.315935799	1.161953067
YCR008W	YCR008W::SAT4::Protein with similarity to Npr1p protein kinase	1			
1.466122733	1.153604338	1.616810515	1.165681686	1	1.4950369
1.412088212	1.094286699	1.236899324	1	1.533857689	1.057315114
1.204040187	1.339711027	1.303002378	0.739386273	0.937114117	
0.610632764			1	0.961753095	0.871653693
0.948629308	1.036048698	1.174658841	1		0.918591489
1.152455853	1	0.448527352	0.591995001	0.644195533	0.512262924
0.572482472	0.934290836				
YCR010C	YCR010C::ADY2::Accumulation of DYads	1	1.413773303		
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1.18188805		0.952447578	1	0.819942067	0.932875081
0.81505733	0.770967059	1.002027182	0.938809002	0.805229813	
0.859995309	0.927208951	1	0.834651821	1.124204343	1.185419616
0.947698813	1.559443079	1	0.777385646	1.031466654	0.911692319
0.84179918	0.887868433	1.112042463			
YCR012w	YCR012w::PGK1::3-phosphoglycerate kinase	1	1.236122762		
0.692541515	0.998462259	0.664618195	1	1.157300561	0.991370492
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1.447135325	1.347280647	1	1.10892866	0.960665633	1.428837485

1.019140365 0.278834983 1 1.102571145 0.943627046 1.557903555
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YJR095W YJR095W::SFC1::succinate-fumarate carrier 1 0.982032952
0.993342662 1.168261699 0.784154501 1 1.082052574 1.124037285
0.807641639 0.836091901 1 1.068182563 0.889911076 0.522687406
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0.995803279 1.167978114 0.800893578 0.57529987 1 1.413795052
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0.94217722 0.898237437 0.991664136 0.654161728 1.331824128
YCR024ca YCR024ca::PMP1::May regulate plasma membrane H(+)-ATPase 1
1.92297146 1.093426161 1.289204777 1.708392945 1 1.065460385
0.945710869 1.196593654 1.495883918 1 1.326219777 0.877660209
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0.730561323 0.604486749 0.656507743 0.700563052 1 1.275292183
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1.007092683 0.69191343 0.599031444 0.891847952 1 0.989931351
0.918339509 0.979560323 1.254638288 0.943633542 1.028858158
YJR097W YJR097W::YJR097W::molecular_function unknown 1 1.316592785
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0.908634293 1 0.678923194 0.52336087 0.456152733
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1.490974231 1.422421121 0.602226247 0.717591399 0.896714275
1.598525039 0.5882145 0.649712994
YCR028C YCR028C::FEN2::Protein with similarity to Dal5p and members of the
allantoate permease family of the major facilitator superfamily (MFS) 1
1.11435768 0.69918208 1.030130612 0.596200561 1 0.968298328
0.799294456 0.701144172 0.758079043 1 1.142246175 0.772691652
0.551500459 0.79056981 1 0.499866839 0.348465401 0.534826219 1
0.91834093 1 0.908086396 0.818459738 1.165144791
1.458503508 0.908503735 1 0.782108481 0.587751545 0.934761822
0.783604225 0.457108125 1 0.688554968 0.554546254 0.771530944
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1.428674346 1.887652774 1.26930504 1.868581671
YCR031c "YCR031c::RPS14A::Homology to mammalian S14, E. coli S11" 1
1.485920759 1.302147744 0.883051386 1.180181609 1 0.951563284
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1.151897789 1.581697019 1.226986049 1 1.176697833 1.282504562

	1.214262314	0.710554695	0.971222205	1	1.436394439	1.253778573		
	1.037143665	1.589574208	1.318292897	1.115545019				
YJR101W	YJR101W::RSM26::mitochondrial ribosome small subunit component						1	
	1.883677545	1.304063018	1.560955259	1.470872883	1	1.48767214		
	1.613540276	1.432610753	1	1.235731014	1.251406331	1.254605528		
	1.21036857	1	1.084562889		1.191054564	1	0.959565264	
		1	1.24515456	0.930913331	0.892163748	1.117548971	1	
	1.129812512	1.606598007	0.904052625		1.49333415	1	1.610908806	
	1.330420696		1.49969497	1.035893223	1.578750049			
YCR033W	YCR033W::SNT1						1.02491958	
	0.89967254		0.889885097	1.045659688		0.895815786		
	0.790894614	0.786941467		1.295202402				
	0.814177018				0.949529172	0.915798999		
	0.784012999	0.956950774	1.056386662	1	0.870452589	1.330185361		
	1.055907432	1.513000237	1	1.158222207	1.605704637	1.320052317		
	0.253514623	1.66268788	1.313436					
YGR108W	YGR108W::CLB1::Involved in mitotic induction						1	0.852460328
	0.828968341	1.122607745	1.095837428	1	1.10327341	0.95707203		
	0.913040457	1.006132666	1	1.006318745	1.158892221	0.729645063		
	1.426306912	1	0.711736044	0.619416964	0.493748129	0.444411446	1	
	0.89891779	0.422546465	0.71813468	0.42863611	1	0.800009407		
	0.762727134	0.672025348	0.961124098	1.104152533	1	0.928954882		
	0.909212318	0.996648194	1.23273315	1.538487545	1	1.271585764		
	0.970953008	1.71241791	1.619310917	1.799138765				
YJR115W	YJR115W::YJR115W::molecular_function unknown						1	1.417919909
	1.309733844	1.265918487	1.443191957	1	1.289359809	1.123781796		
	1.335829764	1.313943734	1	1.339756044	1.344426496	1.724440415		
	1.235584775	1	1.415818966	1.263784671	1.414581641	1.047752508	1	
	1.218979307	2.09596953	1.067620959	0.77315553	1	0.416203784		
	0.430656684	0.431020962	0.406956003	0.857819339	1	1.806547736		
	2.915343779	1.180435044	0.603911737	1.246291807	1	1.413141237		
	1.716898107	1.003412356	2.1063895	0.617277061	1.745118659			
YCR047C	YCR047C::BUD23						1	0.998628834
	0.617014495	1	0.731536423	0.785296037		1.025084376	1	
	0.767727319	0.664924393	0.695594436	1.112083728	1	0.742264248		
	0.624335951	0.774556924	1	0.765549354	0.617183303	0.71248484		
	0.816156857	1	0.918768755	0.792067183	0.97977147	1.129536182		
	0.937673838	1	0.606192961	0.764881173	0.62839584	0.865966433		
	0.953426909	1	0.592834466		1.04647062	0.804248616	0.558949995	
	0.859862762							
YGR110W	YGR110W::YGR110W::molecular_function unknown						1	0.982566999
	0.960023568	1.093546771	1.024001578		0.995218448	0.952297176		
	0.920861091	1.08290874		1.146556002	1.260798697	1.126497608		
	0.846825494	1	2.436236851		1.500307609	1.010496922		
	0.483405245	1	0.833265511	0.817287069	0.879319624	0.726707223		
	0.847140852	1	0.595494559	0.649930409	0.614935514	0.730886217		
	0.705619162	1	0.756918142	0.68935149	0.910368531	0.770491391		
	0.747782872							
YJR117W	YJR117W::STE24::zinc metallo-protease that catalyzes the first step of N-terminal processing of the yeast a-factor precursor						1	1.216398922
	0.860392813	1.093238029	0.876491518	1	1.22411305	1.425783898		
	0.796170923	0.82482459	1	1.194402946	0.975396336	1.009455557		
	0.864725936	1	1.505189189	1.244038026	1.866985255	1.204962404	1	
	0.727033992	1.072243734	0.688063131	0.85452974	1	1.244887772		
	1.064230646	1.281161945	1.076145104	0.744989465	1	1.104941444		
	0.883211705	0.648180662	0.589873783	0.374629445	1	1.248741373		
	0.9449546	0.97858152	0.849907368	0.719967611	0.58841932			

YCR049C YCR049C::YCR049C::molecular_function unknown 1.239905971
0.811977233 1.04099392 0.603044901 1.134452108 1.013806562
0.832087468 0.763240012 1.730081851 1.271375857 0.673093987
1.153249016 1 0.437908402
1 0.793107856 0.677878371 0.884363631 1.325804022 0.914729452 1
0.782823892 0.595817098 0.845239536 1.171835677 0.420444102 1
0.654876365 0.538763635 0.977193957 0.186916344 0.723562934 0.702250436
YGR112W YGR112W::SHY1::involved in respiration 1 1.275835358
1.303626308 1.671556797 1.403992855 1 1.389447268 1.519615067
1.23485934 1.427301738 1 1.568544188 1.513868286 1.368602259 1
1.539321366 1 1.267909003 1.12134965 0.874600338
1 1.390680156 1.396772664 1.492640257 1.180302348 1.145636667 1
1.383237598 1.013801195 1.410915538 0.99789811 0.594339603 1
1.380109835 1.155655017 1.335076407 0.945673958
YJR119C YJR119C::YJR119C::molecular_function unknown 1 1.670795186
1.570430816 1.416749381 1.951105334 1 1.507358623 1.432694755
1.595130155 1 1.21676212 1.180508995 1.383510963 1.849851713 1
0.685629877 0.913333934 0.826444993 1.764635105 1 1.11676322
1.31380176 1.455067288 1 1.154264916 1.027068697 1.143754709
1.189266887 1.193946178 1 1.118908878 0.993042383 1.012409128
1.954098723 1.024323611 1 0.88717001 0.786789044 1.003581335
1.172605138 0.937164091 0.98770389
YGR114C YGR114C::YGR114C::molecular_function unknown 1 0.76875589
1.07584063 1.231754665 1.20964101 1 1.138497023 1.157322547
1.130435038 0.822190134 1 1.129764059 1.238946341 0.729595939
1.220333086 1 0.961714474 0.771739441 0.39419925 1
0.512821188 0.518538707 0.409140098 0.118970867 1 0.457917341
0.711098738 0.571723071 0.477874631 1 1.272511569 0.867325592
1.35267828 2.281710274 0.989019469 1 0.973672089 1.10251405
0.984484776 1.10922046 0.746031646
YJR121W "YJR121W::ATP2::F(1)F(0)-ATPase complex beta subunit, mitochondrial"
1 1.48816327 1.085575936 1.372472592 1.035736999 1 1.688440575
1.755391757 0.798362573 1.009037627 1 1.376281836 1.212409403
0.915900604 0.803029448 1 2.63222567 1.94007932 2.3465683
1.351560727 1 0.589743488 0.33082717 0.268197153 0.64326123 1
1.006160023 0.789314809 1.057173482 1.169063196 0.823147881 1
0.843808558 0.476097734 0.468676484 0.487734286 0.290688012 1
1.101146382 0.68861504 0.695532895 0.879733151 1.231611398 0.83446968
YGR116W YGR116W::SPT6::may be involved in transcription elongation by
mediating interactions between RNA polymerase II and chromatin 1
1.256700751 1.233667805 1.462285082 1.508984086 1 1.243618412
1.261542545 1.167290438 1.300176475 1 0.977174636 1.176183013
1.139747112 0.926062424 0.471189563 0.736995613 0.716530817 1
1.320539829 1.220300941 1 0.862685421 0.913503963
0.882354118 0.787711219 0.690011092 1 1.244101503 0.871832793
1.204372458 1.341156843 1.065663948 1 1.003006777 0.884913606
0.865862929 0.956163944 0.777218611 1.489436402
YJR123W "YJR123W::RPS5::ribosomal small subunit protein homologous to
mammalian S5 (has approx. 70% identity with human, rat and hydrozoan S5). It is
the least basic of the non-acidic ribosomal proteins. It is phosphorylated in
yeast." 1 1.170073269 1.043590708 0.837264665 1.156947186 1
0.96171234 0.879920998 1.003692855 1.043001561 1 0.854890709
0.760252985 0.656547241 0.791861138 1 0.859199924 0.439745345
0.286950567 0.617321391 1 1.359093055 0.375740431 0.435141197 1
1.216092218 1.015551495 1.412277211 1.643006181 1.633573571 1
1.263195823 1.26486323 0.702903931 0.530705949 0.693377748 1
1.064467012 0.840457329 0.885446345 1.301579536 0.961684556 1.330948463

YGR130C YGR130C::YGR130C::molecular_function unknown 1 0.800953471
0.926002829 1.191931069 1.022213099 1 1.15015465 1.155614357
0.825112418 0.891992472 1 1.128576247 1.383433934 0.885300575
1.191150168 1 2.305725411 2.119749668 1.983049574 1.107425909 1
1.582725703 1.064566667 1.277539766 1 1.030613056 1.465980342
0.916938883 0.73181968 0.884860177 1 1.371729232 1.210399211
1.725356444 0.995714997 0.887862756 1 1.53127788 1.337842842
0.930780183 1.222695579 1.538576485 0.915902707
YJR125C YJR125C::ENT3::epsin N-terminal homology-containing protein 1
0.974491967 1.379203791 1.271634372 1.36225098 1 1.17171032
1.253661474 1.313069617 1.146593533 1 0.988795412 1.574482245
1.782616291 1.338191357 1 1.860206258 1.647277857 1.468089189
1.79601177 1 2.197913631 2.283084092 2.40408343 2.001221325 1
0.990826892 1.409173281 1.292050151 0.999718311 1.014403315 1
1.219270855 1.44403134 1.072965565 1.17823193 0.829360152 1
1.190034423 1.074392349 1.019670615 0.966940305 0.982839824 1.319565341
YGR132C YGR132C::PHB1::antiproliferative protein involved in determination
of replicative life span 1 0.912567688 1.050659901 1.172985836
1.221829701 1 0.993187602 1.165538408 1.290889042 1.13221084 1
0.922719873 1.116571629 1.056260304 1.112049223 1 1.577442509
1.363457131 1.371716039 1.815940333 1 1.546770552 1.336517449
1.696023608 1.315344882 1 1.266787052 1.439474576 1.363693792
1.052594545 1.07725715 1 1.348805879 1.816341161 1.455807486
0.835441659 1.4075099 1 1.511496105 1.457840878 0.909068821
1.147271085 1.566298088 1.004340689
YGR134W YGR134W::CAF130::CCR4 Associated Factor 130 kDa 1 1.266477729
1.219934726 1.49092631 1.173954414 1 1.328859464 1.249640555
1.106898941 1.15476505 1 1.297557042 1.139690889 0.960105465
1.165382358 1 0.887451784 1.144142532 0.829821951 1.236987447 1
0.71359113 0.745760076 0.701908768 0.440402193 1 1.093408916
0.81206171 0.761063855 0.977884064 1.0229285 1 0.968412077
0.707112343 0.939386798 0.650757492 1.016846293 1 1.037254495
1.035721076 0.877297341 1.437061847 1.036669882 0.83446968
YGR136W YGR136W::LSB1::LAs17 Binding protein 1 1.033115854
1.261091662 0.887334424 1.032880999 1 1.18517675 1.215065326
0.966357705 1 1.106169491 1.403375033 1.57303483 0.977250099 1
1.946136233 1.729281971 1.778195682 2.704379687 1 1.5903899
1.041427911 1.536664941 1.886508707 1 1.319053833 1.564926401
1.473210077 1.084484402 1.067153107 1 1.251706339 1.234329399
1.337346291 1.273096478 0.904482801 1 1.043076806 1.122832396
0.884150016 0.820168425 0.813086451 1.147943055
YCR051W YCR051W::YCR051W::molecular_function unknown 1 1.056172772
1.012879404 0.621866869 0.409066965 1 0.779348599 0.774098165
0.912351701 0.846785207 1 1.019975447 0.792904369 0.869983194
0.890891114 1 0.867993929 0.547558509 0.426090317 0.817491428 1
1.497693273 1.106601104 0.694131583 0.98863952 1 0.978419968
0.746001714 0.921957728 1.102538068 1.043337004 1 0.79970514
0.721992352 0.696469774 0.945614137 0.958670457 1 0.888250941
0.609936264 0.9031701 0.585945861 0.570089266 0.849355305
YCR053w YCR053w::THR4::threonine synthase 1.13894049 0.99646575
0.811774008 0.703878693 1.058176288 0.98524867 0.702527707
1.115209614 1.021754644 0.904470071 0.73913669 1 0.687009898
0.498182402 0.389154767 0.325333281 1 0.508439242 0.47354261
0.661696708 1 0.928526513 0.750861201 0.768199504 0.710415033 1
0.882459456 0.912187444 1.006355623 0.768724888 0.893531249 1
0.763301372 0.928181513 0.927901002 0.749594249 0.895418233 0.924658939

YCR055C YCR055C 1 0.820702157 0.63024228 0.765739158 0.659816532 1
0.625752079 0.578103504 0.730575163 0.950914579 1 0.365050928
0.270827303 0.277837937 0.832911074 1 0.241988566 0.124588625
0.280350471 0.43504421 1 0.219821938 0.195532984 0.240044712
0.627393741 1 0.718377057 0.481806951 0.570120081 0.945645048
0.698928272 1 0.486397306 0.603725546 0.3069974 0.663804034
1.010605351 1 0.464311013 0.592792986 0.836858644 0.773411298
0.483761054 0.784559128
YCR057c YCR057c::PWP2::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA); Eight WD-repeats with homology with G protein beta
subunits flanked by nonhomologous N-terminal and C-terminal extensions 1
0.668815879 0.406381917 0.349340543 1 0.683453121 0.606656861
0.499438941 0.576442768 1 0.319364356 0.264724257 0.123818318
0.755330167 1
0.709742115 0.453339844 0.716590166 1.162731536 1.049162548 1
0.532068588 0.417396411 0.393727969 0.688010423 0.474370815 1
0.487313766 0.370485048 0.867017731 0.44073173 0.427421971 0.572658082
YJR139C YJR139C::HOM6::catalyzes third step in common pathway for methionine
and threonine biosynthesis 1 1.367286956 1.043085614 1.099439065
1.041062581 1 1.054603014 0.962613771 1.202269461 1.186515067 1
1.216386462 1.033238268 1.193976941 1.04526912 1 1.554323863
1.119847618 1.272619613 1.26204765 1 1.125080559 0.819629025
0.844442028 0.908730144 1 1.223386609 1.305391918 1.582889194
1.608800551 1.040295422 1 1.071795086 1.068055714 0.868864255
0.497154593 0.544113679 1 0.881337477 0.963929701 0.770708643
0.943686669 0.71762435 1.030609488
YCR071C YCR071C::IMG2::required for integrity of mitochondrial genome 1
0.926438864 1.190521313 1.16515303 1 0.801929546 0.843969667
1.092096795 1.166739691 1 0.929126785 1.056299569 1.826435061
0.955355698 1 1.002231306 0.738766338 1.094179647 1
1.244132024 1.868695688 1.715770093 0.98715688 1 0.945660722
1.224646086 0.754881004 0.677210947 1.00634016 1 1.175786513
1.70971741 1.27746422 1.386155489 2.013724148 1 1.112022179
1.192951192 1.01930095 0.82804658 1.440426982 1.282789189
YJR141W YJR141W::YJR141W::molecular_function unknown 1 1.192028801
1.010020761 1.396721468 1.94599112 1 1.04882584 1.018051649
1.597013031 1.536537 1 0.965147936 1.006267294 1.007782722
1.354144595 0.437436519 0.568078365 1.02322248 1
0.987054274 2.061079828 1.208949926 1 0.749619633 0.863140178
0.791496455 0.846017328 1.210219223 1 0.874838344 1.250566366
0.677032653 0.886242555 1 1.305946083 1.086223914 0.873038639
1.285108597 1.123911047 1.063007524
YCR073C "YCR073C::SSK22::functionally redundant with, and homologous to,
SSK2" 1.127858903 0.793756176 0.793943849 0.851141795
0.789736638 0.817512639 0.862362071 0.843942386 0.752036814
0.8892787 0.914375741 1
1 0.929979193 0.90389996 0.928136424 0.981054691 1.029827013 1
0.743999875 0.85889557 0.947131855 0.905898977 0.910333158 1
0.838073821 0.906113366 0.914591446 0.679874779 0.801616491 0.991206341
YJR143C YJR143C::PMT4::Transfers mannose residues from dolichyl phosphate-D-
mannose to specific serine/threonine residues of proteins in the secretory
pathway 1 1.216156863 0.658368605 1.063405244 0.657610405 1
1.189238282 1.092597413 0.604730338 0.668933708 1 1.146608217
0.744342147 0.343709222 0.728656375 1 1.105552131 0.60904226
0.718486761 0.453896052 1 0.310866145 0.186378997 0.105724397
0.254878726 1 0.850544257 0.632070618 0.94037044 1.338047182
0.706025504 1 0.776926183 0.610392265 0.531757812 0.541581834

0.251482107 1 0.890594866 0.618395338 0.797977396 0.651570852
 0.675698752 0.645334878
 YCR075c YCR075c::ERS1::Suppressor of ERD1 mutation; seven transmembrane
 domain protein 1 1.541966844 1.320716123 1.14228734 1.225983657 1
 1.211138434 1.065408269 1.263896427 1 1.140156927 1.321390335
 1.665638084 1.187370907 1 1.079994721 0.968947748 2.725736143
 1.523672926 1 1.729815613 3.489701665 3.17221247 1
 1.219351151 1.34330844 1.26609546 1.305662102 1 0.998877157
 1.181122534 1.206966795 0.945796514 0.92459114 1 1.171470822
 1.001511721 1.323539131 0.723883132 1.444223689 1.063007524
 YGR138C YGR138C::TPO2::Polyamine transport protein 1 1.188952886
 0.818874302 1.129128762 0.995316303 1 1.185751213 1.168513364
 0.779628974 1.112444737 1 0.774540884 0.630681385 0.653156659
 1.024187062 1.651090229 1.017807054 0.984714112 1
 0.702630399 0.772043099 0.33552476 1 1.177105346 0.925831121
 1.231421173 1.45377282 0.887171416 1 0.740960036 0.55759065
 0.691559653 0.821938956 0.511038305 1 1.266231576 0.720719233
 0.630665957 0.874923991 0.881800146 0.760917271
 YJR145C YJR145C::RPS4A::Homology to rat S4 and human S4 1 1.112267089
 0.973625522 0.791616561 1.185259724 1 0.986278835 0.842590249
 0.960610007 1.002668618 1 0.81249715 0.747886558 0.51419043
 0.817679236 1 1.079806735 0.509815573 0.283546095 0.739895151 1
 1.26242809 0.483750746 0.31167851 0.604496267 1 1.399272496
 0.936126624 1.440500135 1.472426423 1.423539058 1 1.204969189
 1.58071552 0.675469198 0.619157859 1.009533927 1 1.528671362
 1.478859769 1.089729401 1.052905795 1.136559933
 YCR077C YCR077C::PAT1::Necessary for accurate chromosome transmission during
 cell; Involved in mRNA turnover 1 1.172221995 1.080475818 1.305116464
 0.728796008 1 1.243440085 1.357251501 0.910277037 1
 1.314202173 1.304703461 0.727703311 0.988416548 1 1.498442169
 0.522788201 0.957322967 0.457293626 0.752561362 1
 0.84089202 0.793787997 0.760770157 0.884004669 0.623909492 1
 0.78660598 0.672487287 0.665161008 0.625432289 0.515491261 1
 0.907098978 0.781166694 0.95156592 0.595488299 0.795309753 0.633076143
 YGR140W "YGR140W::CBF2::110 kd component (Cbf3a) of the multisubunit 'Cbf3'
 kinetochore protein complex, which binds to the CDE III element of centromeres"
 0.915609695
 0.733024232 0.935021832
 1.278212325 0.961830374 1
 0.929081151 0.977075114 0.770345179 1.174071418 1 1.189271114
 1.230911349 0.918529598
 YJR147W YJR147W::HMS2::High-copy mep2 suppressor 1 0.938408347
 0.639855028 0.620372139 0.369874411 1 0.808707834 0.761609686
 0.47765406 0.485566692 1 1.037628318 0.661846446 0.4010259
 0.468976406 1 0.72739894 0.51587938 0.816113345 0.651715522 1
 0.651731542 1.330847935 0.761885052 1 0.898382302 0.757185153
 1.082854018 0.672852306 1 0.54613539 0.526557083 0.523611117
 0.640959794 0.366301764 1 0.618112446 0.526768171 0.761875326
 0.557958512 0.425209041 0.912400256
 YCR080W YCR080W 0.943165809 0.83817005 1.308230772 0.810586341
 1.148980873 1.223597507 0.940735772 0.709961915 1.243006614
 1.240702018 0.655565514 1.243316011 1 0.784226852 1
 1.08462131 1 0.931941672 1.148262062 1.121949609
 1.028864364 0.964444649 1 0.879307584 0.483120591 0.978251907
 1.179570868 0.771531427 1.24497306 0.104821326
 1.222309771 0.668101122

YGR154C	YGR154C::YGR154C::molecular_function	unknown	1	1.289242651
	1.289184478	1.337403556	1.274591827	1 1.381667994 1.223308112
	1.262640424	1.405862948	1 1.497204836	1.540272337 1.301474594
	1.133846797	1.170840743	1.085589093	1.193271147
	1	0.968950884	1.164245922	1.150658639 1.018686064
	1.173103219	1 0.773277375	0.924836665	1.312184405 1.137562279
	0.939435347	1 1.371447474	0.919541577	1.263764669 1.145539367
	1.552237653	0.977196433		
YJR149W	YJR149W::YJR149W::molecular_function	unknown	1	0.907755101
	1.146809906	0.955812467	1 1.18462888	1.169158836 0.988824314 1
	0.904013395	1.121436608	1.522049965	1.035912389 1 1.448848573
	1.656985227	1.988552962	1 2.119348968	5.10027678 3.949367493 1
	0.904542973	1.302133046	2.185025853	1.304794526 1.331728925 1
	0.851159174	1.080565791	1.309301958	1.514743174 1.233121919 1
	0.994051992	1.294626446	1.580659414	1.304265995 1.54223255 0.850230918
YCR082W	YCR082W::YCR082W::molecular_function	unknown	1	1.054371931
	1.336250882	1.406417071	1 0.978502259	0.903251457
	1.325810208	1 1.129670817	1.536016951	2.160108544 1.402288792 1
	1.184592853	1.304178273	2.045165471	1 1.800694051 2.382562703
	2.54386658	1.702269851	1 1.228323671	1.376629402 1.355421318
	0.982279459	1.203930543	1 1.036380215	1.448483677 1.285420823
	1.206392322	1.574695041	1 0.871642719	1.097523043 1.04534131
	1.228488753	1.022076667	1.369475945	
YGR156W	YGR156W::PTI1::Ptalp	Interacting protein	1	1.089304687
	1.023748357	0.767612903	0.857545331	1 0.90891326 0.855919219
	0.964223823	0.810326839	1 0.826716757	0.969288783 1.026405295
	0.631725029	1 0.835449824	0.842663836	0.906306165 1.077524942 1
	1.189215176	1.450180598	1.079047172	1 0.847130014 1.127755539
	1.087233826	0.965882063	0.926060072	1 0.839595302 0.867577301
	0.996716143	0.779153308	0.912707723	1 0.861111207 0.989730638
	0.670814419	0.803382437	1.050349349	1.23375425
YKL001C	YKL001C::MET14::adenylylsulfate	kinase	1	1.179895319
	1.835460717	1.168311975	1.243103966	1 0.837464293 0.948766237
	1.977538025	1.627675575	1 0.855635321	2.166327016 1.61791563
	0.839029803	1 1.233633699	0.468761914	0.549836697 1.465284947 1
	1.694187929	1.102160441	1.084252793	1.80120859 1 0.904542973
	0.64733189	0.461875389	0.769763215	0.852875896 1 2.128734406
	1.651543631	0.601288293	0.78120306	3.631207817 1 1.853419753
	1.3447094	0.97306347	1.908454502	1.189097921 1.686451823
YGR158C	YGR158C::MTR3::Involved in mRNA	transport	1	1.201295381
	1.085935828	1.001568501	1.310206933	1 1.143050645 0.988484183
	1.094899924	1.24531967	1 0.775726682	0.661651072 0.884562062
	0.964406084	1 0.497092552	0.602155996	0.73557758 1
	0.625792599	0.685901174	0.586777708	1 1.001426684 0.759434401
	0.757692733	0.838476797	0.956806629	1 1.218694504 1.022094612
	0.819843487	0.93443606	1.281080343	1 0.918027886 0.895477116
	1.082305106	0.734213197	1.321316567	
YKL003C	YKL003C::MRP17::Mitochondrial	ribosomal protein	MRP17	1
	1.02443766	1.558415064	1.121982621	2.054353136 1 1.141524143
	1.248238495	1.975687687	1.757800046	1 1.175916672 1.209840915
	1.818441921	1.290507415	1 1.397822491	1.195651964 1.900825928 1
	1.832019657	2.789944009	1.792178156	1.446399225 1 0.998286318
	1.212949394	0.80220279	0.913446062	1 1.188798359 1.735242136
	1.2101244	1.11261222	2.179703803	1 1.26607537 1.720822864
	1.048321824	1.807451053	1.80008447	1.409754653
YGR160W	YGR160W::FYV13::Function required for Yeast Viability on toxin	exposure	1	0.933444496
	1	1.15098393	0.491466701	0.9774189 1

0.657394744	0.742931132	1.06747317	1	0.362691487	0.181587187
0.156444898	1.015366501	1	0.199388395	0.097676458	0.082927462
0.260625737	1	0.327864642	0.092142998	0.101607771	0.556201856
0.562398939	0.278666579	0.645062788	1.312985937	0.655178217	1
0.479187284	0.237325421	0.223600842	0.679861067	0.359477069	1
0.453275122	0.228776085	0.622616094	0.697063095	0.157602654	0.634827421
YKL005C	YKL005C::YKL005C::molecular_function	unknown	1	0.782962364	
0.876915291	0.993387261	0.86487579	1	0.966371209	0.945816964
1.001614177	0.950999998	1	0.692778832	0.891533432	0.791456278
0.987291705	1	0.768348524	0.526343449	0.878679358	1.02329671
1.17394011	1.193714005	1.158273759	0.857543758	1	0.845166922
0.927721877	1.014853512	0.9183446	1.066663353	1	0.929533138
0.854237621	0.829738917	0.984641376	0.983587727	1	0.795977796
1.046055984	1.128152542	1.169691015	1.077954156	0.877375225	
YKL006W	YKL006W::RPL14A::Homology to mammalian L14		1	1.575969891	
1.618113511	0.84236239	2.003073957	1	1.183570845	1.092039303
1.456530988	1.330293797	1	1.01330864	1.057029722	0.952211614
0.857940266	1	0.996562155	0.433181649	0.254625271	0.777976534
1.277956096	1.097755166	0.492877656	0.656874036	1	0.979333409
0.698153131	0.562999315	0.932650374	1.007629357	1	1.127291426
1.954407364	1.046620565	0.603826615	1.761557188	1	0.843003099
1.249531968	0.578975133	1.93548569	0.717363839	1.541973897	
YGR162W	YGR162W::TIF4631::also called eIF4 (eIF-4) gamma		1		
0.855796551	0.720700839	1.159629832	0.704284976	1	1.073506655
1.053282287	0.768358905	0.722679292	1	0.789328769	0.679154463
0.320167002	0.936323223	1	0.548775911	0.409436569	0.29623198
0.384019568	0.192571035			0.611715911	
				2.6535188	
YGR162W	YGR162W::TIF4631::also called eIF4 (eIF-4) gamma				
				1	0.841005535
0.565742553	0.616104745	0.787200698	0.796840736	1	0.9407483
0.576364832	0.503246769	0.759928328	0.44728852	1	0.698675413
0.537128864	0.646551873	0.752085767	0.516314715		
YGR164W	YGR164W::YGR164W::molecular_function	unknown	1	1.197739224	
1.430568468	1.239986929	1.736222669	1	1.096114767	1.166686761
1.460243871	1.420067464	1	1.04007784	1.136590658	1.535465857
1.202853754	1	0.835942568	0.972767392	0.990209464	1
1.670598932		0.489791956	1	1.000166287	1.003128734
0.668642738	0.956742494	1	1.111539527	1.467707171	1.053397902
0.875928835	1.730224235	1	0.892500823	1.088703758	0.818993428
1.502105629	0.831166417	1.000838238			
YGR178C	YGR178C::PBP1::Poly(A)-binding protein binding protein				1
0.780181921	0.867486058	1.094678646	0.716910303	1	1.135012205
1.075329448	0.714533999	0.751837413	1	0.836979148	1.008050513
0.666598233	1.043185056	1	1.115963755	0.835597154	0.813063275
0.882301796	1	1.062929343	0.639260389	0.68264543	1.100648014
0.795015113	0.812042293	0.972558253	1.026339969	0.517280419	1
1.196833442	0.565496873	0.99622211	0.905670596	0.431298204	1
0.855120028	0.573932291	0.829908458	0.551238636	0.724438544	
YGR180C	"YGR180C::RNR4::ribonucleotide reductase, small subunit (alt)"				1
1.143005199	0.852514226	1.198488052	1.026409139	1	1.053111984
1.12474572	0.77208394	1.068503437	1	0.999963179	0.924519278
0.738098517	1.288763193	1	1.194933508	0.772071849	0.679578492
0.997290565	1	0.858837619	0.309129582	0.256417584	0.89605595
0.866363038	0.790208982	0.670274397	1.38825098	1.298963505	1

1.622634556 1.15555729 1.64502915 2.32483115 0.442481502 1
1.463687301 0.909175972 0.759696779 0.890412381 0.90073856 0.907146476
YCR096c "YCR096c::HMRA2::Silenced copy of A2, which encodes a protein of
unknown function." 1 0.733334806 1.231580599 0.896470988 1.354961309 1
0.715251439 0.719066885 1.279551894 1.071064551 1 0.972426911
1.375963753 1.759672042 1.094141789 1 1.432149908 0.891456784
1.860974323 1 1.389490611 3.118119085 2.900601335 1.178893148 1
0.738002411 0.956319473 0.593107083 0.523082826 0.861363095 1
1.046546821 1.286980795 1.332828281 2.009280597 1 1.233535148
1.395743832 1.510399933 1.131729202 2.864797119 1.196977994
YCR097wb YCR097wb 0.953016124 0.988493991 0.855618919
0.864459776 0.914401158 1.021170307 0.917324341
0.960388215 1 1.628604366 1.137537211 1.042952858 1.798078501 1
2.00944628 3.158404957 2.943323309 1.940452131 0.878770948
0.884505384 0.885045563 0.969555 0.874580984 1 1.291646002
1.994055426 1.509279537 2.173425409 2.781010781 1 1.146542574
1.291471966 2.001709239 1.969025551 0.788061579
YCR099C YCR099C::YCR099C::molecular_function unknown 1 1.525689066
1.426532633 1.277670878 1 1.451027052 1.634323212
1.210185408 1 1.808190321 1.828061916 1.129496792 1.430158785 1
0.775726951 0.606042166 1.866322185 1.024262589 1 0.739184905
2.357393917 1.093394225 0.732930286 1 1.133134473 1.23745653
1.010212726 1.019277614 1.121068956 1 1.004240845 1.129205207
1.277780042 0.995213026 0.844276089 1 0.988741261 1.227100033
1.070492176 0.492147075 1.063449681 0.711882332
YCR101C YCR101C::YCR101C::molecular_function unknown 1.033049777
0.971411737 1.125972988 1.09691959 1.108267376
0.726069267 1.579377851 1.775906864 0.919661443 1.111152506 1
0.88305343 1.184866583 1 1.000184591 1.456606256
0.560970879 0.96664807 0.856893326 0.918386313 0.969555
1.036292323 1 1.023824732 0.613819379 0.933251007 0.798886338
0.784590314 1 0.949104246 1.124782301 1.370320328
0.764419775
YKL008C YKL008C::LAC1::Longevity-assurance gene 1 cognate (LAG1 cognate) 1
1.317501264 0.811099487 0.855401785 0.801427736 1 1.074344138
0.847644806 0.793809358 0.707014619 1 0.996076165 0.683320963
0.556163472 0.873631549 1 1.392735827 0.825365179 1.085657714
1.105270507 1 0.870881203 0.431313163 0.48671302 0.71894345 1
0.914027597 0.751615115 1.002980512 1.478823798 1.464494307 1
0.895840307 0.828719987 0.625701678 0.580435541 0.656487415 1
0.90843048 0.735800169 0.859079792 1.038336617 0.846589297 1.071763756
YCR103C YCR103C 1.013349218 0.818810121 1.023103614 0.650035391
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1.0841599 1.117026481 0.724782587 1
0.988223252 1 1.060757029 1.006829913 1.509716506
1.268560417 1.199971767 1 1.283488418 1.510640882 1.103405353
0.90965447 1 1.148175235 0.83773838 1.110597898 0.152824339
0.882215976 0.818708442
YKL010C YKL010C::UFD4::Ubiquitin Fusion Degradation 1 1.324082281
1.14274148 1.175609092 1.047160639 1 1.329616677 1.398083364
1.064845916 0.967478496 1 1.347417662 1.333040477 0.95514888
1.056122772 1 1.329314622 1.219269642 1.018803168 1.021898371 1
0.727315836 0.754204763 0.698951628 0.810743995 1 0.829391914
0.969332937 0.960156305 0.882695148 0.921774306 1 1.133925456
0.876466833 0.619451964 0.879291827 0.64445217 1 1.168411834
0.907036222 1.047124347 0.881289296 0.865754504 0.975445103

YCR105W YCR105W::YCR105W::molecular_function unknown 1 1.1853758
1.012242882 1.17612512 0.938726126 1 1.181001142 1.167924715
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1.044829371 1
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0.927601844 1.286333556 1.24657262 1.149924818 1.5772107 1
0.964900479 1.330136281 1.160296473 0.980916706 1.11847048 1.154072396
YKL024C YKL024C::URA6::uridine-monophosphate kinase (uridylylate kinase) 1
1.441998978 1.614736434 1.00082914 1.699278954 1 1.10057736
1.099522787 1.524016437 1.546072416 1 1.225374009 1.269693869
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1.100834759 1.23982267 1.145453482 1.238798001 1.139143003 1
0.906956268 1.612223099 0.92381966 1.211769368 1.723201511 1
0.967662164 1.121568181 1.022533192 1.353375137 0.730275599 1.205734225
YCRX12W YCRX12W 1.109389615 0.841586528 0.772406516
1.0388046 0.969871324 0.86256201 0.836342565 0.81139031
0.67776826 1.13954323 1 0.55614506
1 0.796553523 0.676343586 0.849652606 0.907802628
0.982852139 0.726564525 0.813036836 0.927403788 1.136919529 1
0.717129906 0.73301871 1.076390929 1.06126488 0.710131055
YGR182C YGR182C::YGR182C::molecular_function unknown 1 1.313993487
1.726783111 0.896438581 1.796773042 1 1.042083396 1.138292176
1.509903213 1.488364461 1 0.901923776 0.992632215 2.177654065
0.94499862 1 1.333101198 0.74346284 1.097186558 2.405429517 1
1.938093947 3.09128081 3.027295483 1.799887607 1 0.516505364
0.450312253 0.280605608 0.348265184 0.756251941 1 0.650899853
0.751974546 0.731576217 0.736415371 1.923653878 1 0.893548968
0.792985184 0.958840132 2.448096524 2.474030224 2.330911036
YKL026C YKL026C::GPX1::Glutathione peroxidase paralogue 1 1.643376207
2.305475841 3.284107804 1 1.963761322 2.853093146 3.42186553
3.374152111 1 1.785923296 3.41850398 6.179205212 2.548824304 1
2.936525474 3.939069039 6.236624203 7.11892344 1 2.60578098
5.728766302 10.48514849 3.574464332 1 1.063146714 1.280082826
0.938951862 1.262501337 1 0.967352918 1.666040443 1.725311667
1.683406029 1.538314808 1 1.261939191 1.538891524 1.333368112
0.73753139 2.200296761
YCRX14W YCRX14W 1 0.833438277 0.645740186 0.811025011 0.409479232 1
0.835218761 0.805683322 0.507194644 0.501346044 1 1.008573848
0.776576473 0.510311897 0.67668998 1 0.731318222 0.509822216
0.871306224 0.62009622 1 0.687883012 0.92049952 0.628289183
0.494611173 1 0.827463724 0.648354426 0.887873714 0.792414518 1
1.027026185 0.778773686 0.916557601 0.936271425 0.709387035 1
0.690287862 0.729513189 1.071882124 0.988123952 0.883504567
YGR184C YGR184C::UBR1::Ubiquitin-protein ligase 1.04043755
0.888278007 0.971137232 0.813901058 0.900986409
0.972635442 0.842736769 0.823961526 1.057552197 0.888922005
0.891625932 1.31022697 1.00489622 0.702777758 1 0.666706786
1.127037884 1 1.162702671 1.105418689 1.017464229
1.190284356 1.089057719 1 0.885194359 0.881847259 0.876869806
0.813206009 0.682646108 1 1.00954455 0.803998064 0.921856139
0.806968687 0.86179351 1.308182219
YKL028W YKL028W::TFA1::Large subunit of transcription factor tFIIE 1
0.855293966 0.979036924 1.796925195 0.989739776 1 1.31286841
1.119279766 1.511178934 1.329351252 1 0.865112478 1.279102677
1.114448661 1.406087591 1 0.975790188 2.050970264 1.652308227
0.748482473 1 0.59006272 0.460932462 0.333405511 0.400163092 1

0.994337007	1.099154015	0.982921293	1.080794094	1.332357145	
0.982464471	0.872607651	0.648676312	0.974512947	0.743910337	1
1.053026063	0.816627663	0.944724425	0.898326498	1.084152142	0.800320314
YCRX16C	YCRX16C	1.029355963	1.075044199	0.655233584	1.076865923
0.727647541	0.649143785	1.029509473	1.018479405	0.892167691	
0.758383097	0.899795798	0.944724359	1	0.61263841	0.219207612
0.24787311	0.555656237	1	1.408373619	1.322997746	0.497422063
0.589446574	1.238268229	1.202043701	0.746630937	1.067480008	
1.247761107	1	0.846141846	0.971986023	0.6338641	0.893932664
1.860852598	1	0.775138001	0.856269688	0.897851326	1.164329151
0.640779216	0.857235872				
YGR186W	YGR186W::TFG1::Transcription factor TFIIF large subunit				1
0.706992688	0.89435742	0.959309628	0.797417821	1	0.950831099
1.027605015	0.771412049	1	0.868345834	0.996622257	0.725593473
1.010682353	1	1.214392995	0.946574736	0.870715974	1
0.944685628	0.92380901	0.898683077	0.314265141	1	0.822162216
1.072658319	0.785547014	0.71665041	0.958533972	1	1.208559391
1.178573178	1.198827969	1.107011989	0.912089378	1	1.183714608
1.226448475	0.996888266	0.966509104	0.932329673	1.328321573	
YKL030W	YKL030W::YKL030W::molecular_function unknown				1
0.777923344	0.448634783	0.48361512	1	0.688250133	0.652944167
0.60522026	0.598173407	1	1.225371742	0.696272594	0.670497439
0.494616473	1	1.045400627	0.468913873	0.844218663	0.798007148
1.10568366	1.139357431	0.690701152	0.68043494	1	0.892447453
0.731749594	0.78904424	1.075461741	1.089248846	1	0.813947103
1.108927091	0.508708988	1.404342764	3.32264841	1	0.72581322
0.969942595	0.79562048	1.477678909	0.979372645	1.494690183	
YCRX18C	YCRX18C	1	0.944348994	0.639182874	0.886100653
0.985153897	0.608457064	0.664803994	1	1.067891065	0.817973778
0.586005979	0.713381998	1	1.127929792	0.340664367	0.613419553
0.236325894		1	1.098457403	0.970043229	0.88801233
1.029491209	0.682629429	1	0.66034631	0.525660686	0.624690274
0.587463417	1	0.737366285	0.77261439	0.715272528	1.004856691
0.729394796					
YGR188C	YGR188C::BUB1::checkpoint gene involved in permitting entry into mitosis depending upon the assembly state of microtubules				1
0.955348109	1.088874674	1.059586961	1	1.000284081	0.96867925
1.072654136	1	0.77210452		0.792926199	1.100767733
0.851008453	0.899187234	0.86347594		0.641456016	0.742497388
1	0.928387338	1.146589961		1.135354161	1.180103499
0.926940977	1.038014707	0.813543086	0.995665361	1.094842365	1
0.884897734	1.054799439	1.131023037	1.234408011	1.051138873	1.027982598
YKL032C	YKL032C::IXR1::intrastrand crosslink recognition protein				1
0.821261558	0.884523005	0.76624212	0.706667358	1	0.910537759
0.89241021	0.744713101	0.718072307	1	0.891369901	0.836667336
0.789645984	0.729252017	1	1.060952116	0.87235319	0.870436916
0.692854625	1	0.961184487	1.194703648	1.055242953	0.868581732
0.844533151	0.692141528	0.723393437	0.683536259	1.000888116	1
0.828775939	1.004646106	0.658346372	0.801648791	0.828905095	1
0.910701188	1.088171111	0.920475453	1.313061717	0.988432918	1.533217665
YGR202C	YGR202C::PCT1::phosphorylcholine transferase; or cholinephosphate cytidyltransferase				1
1.134101575	1.12130308	0.898521045	1.029133396	1	1.186676753
1.167514259	1.164446209	1.235840124	1	1.267793186	1.237919468
1.240024009	1	0.953262035		1.040947409	0.813761756
0.939876702	0.883027213		0.834804929	0.987944321	1
					1.034075272

0.875749262 1.002844283 0.961763925 1.021698045 1 1.10273207
 0.917858368 1.167395326 0.986199993 1.502459936 0.677732966
 YKL034W YKL034W::TUL1::Transmembrane Ubiquitin Ligase 1 1.049776697
 0.938574372 1.042495364 0.712597247 1 1.144352812 1.146916592
 0.806551434 0.714472887 1 1.402591133 1.293540389 0.684555691
 0.932498316 1 1.234676728 1.519936494 0.870378613 1
 0.880564947 1.010045339 0.594768902 1 1.333446845 1.562558447
 1.881011685 1.521599254 1.122729393 1 1.089383213 0.89557774
 1.058028271 1.127071442 0.621755782 1 1.162096346 1.000662879
 1.173136773 1.024149275 1.119875815 0.622568686
 YKL048C YKL048C::ELM1::cell morphology 1 0.786069305
 1.104931172 1.018927094 1 1.026823497 0.956719213 0.985606861 1
 0.670408892 0.717463803 0.543647638 1.124499693 1 0.654378607
 0.540201656 0.882984964 1 0.851792147 0.899067943 1
 1.054609405 0.91546717 1.044518031 1.154405591 1.103935706 1
 0.966889322 0.956324837 0.823826824 1.007055111 1.014480613 1
 0.906474928 0.91270906 1.239737648 0.999718375 0.986828225
 YGR204W "YGR204W::ADE3::Required for the biosynthesis of purines,
 thymidylate, methionine, histidine, pantothenic acid and formylmethionyl-tRNA"
 1 0.897336471 0.79805741 0.842980994 0.350048538 1 1.281368526
 1.144328729 0.510873762 1 1.315795323 1.553835731 0.481609593
 0.553903376 1 1.625443169 1.357416404 0.992899708 0.412694554 1
 0.778432563 0.385420836 0.225569667 0.396108101 1 0.977017263
 0.902642568 0.93791517 1.306321835 0.925448437 1 0.908387355
 0.826922071 0.607431764 1.257415768 0.763235223 1 0.673232394
 0.483005798 0.974607873 0.740102301 1.200046427 0.483344436
 YKL050C YKL050C::YKL050C::molecular_function unknown 1 1.051261348
 1.165999827 1.361630311 1.093355995 1 1.313756707 1.384887847
 1.298014341 1.125302671 1 1.014320205 1.068571507 1.083834507
 1.307613835 1 0.195580053
 1 0.726790006 0.838785974 0.978051959 1.016650835 0.971832847 1
 0.83037905 0.849927467 0.86186261 1.005867632 0.762500921 1
 0.787581902 0.774848376 1.051046283 0.90904081 0.996250479 0.753912265
 YGR206W YGR206W::YGR206W::molecular_function unknown 1 1.048943162
 1.759757545 1.148979033 2.060628566 1 1.18576671 1.913538335
 1.567894914 1 1.207015232 1.463428826 1.958322021 1.319498869 1
 1.625332745 1.275273607 1.092665123 1.782024244 1 1.41291626
 2.053125025 1.560320787 1.033158031 1 0.907937168 1.067615031
 0.631355926 0.682611851 1.005001727 1 1.133934511 1.566537712
 1.492919733 1.611808078 2.253988879 1 1.134243304 1.543521163
 1.361394599 2.008620508 1.49445487 1.482431396
 YGR208W YGR208W::SER2::phosphoserine phosphatase 1 0.837075072
 0.940981378 0.945588324 1.046255239 1 0.955780375 0.941657101
 0.944460463 1.026184353 1 0.919018877 1.107848488 0.817100794
 0.884872764 1 1.426653328 1.113887243 0.782229493 0.737162384 1
 1.435303679 0.757701702 0.458091978 0.910284569 1 1.061480339
 1.186358682 1.344721141 1.199066854 1.12470145 1 1.112208165
 1.241933734 1.255536744 1.106897875 1.410008643 1 1.186174247
 1.324167532 1.455369096 1.167693637 1.523767452
 YGR210C YGR210C::YGR210C::molecular_function unknown 1 0.843751518
 0.867696793 0.643321795 0.487527276 1 0.818984417 0.74820568
 0.728162394 0.694375449 1 0.813083339 0.68175289 0.4875984
 0.642964611 1 0.852553648 0.426444984 0.518533939 0.850365096 1
 1.460933953 1.003532586 0.6831769 1.024417453 1 1.042724671
 1.02520946 1.266046352 1.233677819 0.974420794 1 1.036610695
 0.772718516 0.645341169 0.72448102 0.807415591 1 0.680007999
 0.749874935 0.838267445 0.836927434 0.573409021 1.175087415

YGR212W YGR212W::YGR212W::molecular_function unknown 1 1.058427135
1.283121383 1 1.242667367 1.353722639 1.164117294
1.221313733 1 1.08704829 1.233333006 1.137601349 1.259668984 1
1.126792302 1.185874724 1.007891514 1 0.769690389 0.956372479
0.698133247 1 1.202109495 0.93541227 1.150480503 1.080472829 1
0.843470808 0.866667968 1.018907898 1.178304198 0.848089524 1
1.131270139 1.166506289 1.081749364 0.919609397 1.445204032 3.064684
YCRX20C YCRX20C 1 1.084836394 0.82976925 0.580963741 1
1.202529597 1.230998025 0.85616735 0.648578417 1 1.278378033
1.207732261 0.488460165 1.144118315 1.255582362
0.610632764 1 0.319903248 0.701163709 1 1.027627062
1.021000184 1.067240476 1.444693985 1.013643973 1 0.696178863
0.480195788 0.608031115 0.763049453 0.455326241 1 0.610048598
0.85736589 0.463404654 0.897597973 0.732021686
YDL001W YDL001W::RMD1::Required for Meiotic Division 1 1.147804541
1.158389456 1.162192248 1 1.102915434 1.031047032
1.013520759 1 1.191130187 1.262701481 1.092439567 1.492420547 1
0.46351975 0.576518375 0.633313349 1
1.243994801 1.50488016 1.523540692 1.377772065 1.394942504 1
0.94992143 1.210309812 1.020165612 1.214050313 1.016161256 1
1.089379478 1.095002726 1.198997666 0.943042283 1.206176798 0.916778372
YDL015c YDL015c::TSC13::ER protein involved in very long chain fatty acid
synthesis 1 1.473704134 0.821006215 1.019647833 0.918181708 1
1.050807453 0.901682002 0.712768398 0.789181173 1 1.212745335
0.913776712 0.807398859 0.85946696 1 0.847186811 0.828065252
0.76276975 1 0.843103482 0.324542149 0.636372755 1.060053154 1
1.359795849 1.180177778 1.531773999 1.797119672 1.02319434 1
0.813404337 1.120877602 0.784739839 0.526767962 0.595206021 1
0.990334271 0.857213139 0.765847011 0.964770781 0.900586632 1.032360714
YDL017W "YDL017W::CDC7::Required for mitotic DNA synthesis but dispensable
for premeiotic DNA synthesis and spindle pole body duplication; required for
synaptonemal complexes, meiotic recombination, spindle pole body separation and
spindles" 1 1.410922878 1.205432273 1.20735406 1 1.333616782
1.251341181 1 1.398383646 1.227193622 1.506167571
0.92513172 0.710097988 0.755039185 0.675404245
0.640905699 1 0.869242828 1.04798605 1.147035459 1.029145641
0.929197104 0.891173532 0.927373842 1.004790824 0.866439064
0.770706381 1 1.241984321 1.336304567 1.221200128 1.063707262
1.030600843 1.082271213
YKL052C YKL052C::ASK1::Associated with Spindles and
Kinetochores 1 0.827052086 1.092079367 0.823492456 0.729336142 1
0.961855531 1.062665599 1.174600017 0.96321362 1 1.061603744
1.140531703 1.384571534 0.853691197 1 0.97601677 0.875684536
0.846489293 1.076232734 1 1.286151569 1.460005215 0.881746142
0.833928452 1 0.944859599 1.206587422 1.068091728 0.872048627
0.957205487 1 0.939432564 1.116899414 0.993288237 1.27286731
1.23667902 1 1.034507304 0.962466948 1.168065558 1.219470064
0.929538685 0.815205939
YDL019c YDL019c::OSH2::Oxysterol Binding Protein 1 1.162891287
1.146444836 1.350493473 0.902323955 1 1.259415995 1.312159995
0.895818798 1 1.510999436 1.42184444 0.888238919 1.23632623
1.379321106 1.975797494 1.495509325 0.565247907 0.922530662
0.538131335 1 1.015752028 1.21740878 1.385054645 1.207188923
0.969768184 1 1.146662261 0.720092938 0.955603246 0.832214139
0.43396016 1 0.927611873 0.864592267 0.954106508 0.7575062
0.805602869 0.743404756

YKL054C YKL054C::DEF1::RNA polymerase II DEgradation Factor 1 1
 1.459633336 1.343307481 1.615310885 1.510841161 1 1.503013056
 1.492944602 1.217011959 1 1.342224454 1.577856597 1.125432828
 1.422930062
 0.930127712 0.916229468 0.913812744 1 0.859864786
 0.913046171 0.559205853 1 0.796497164 0.971547679 0.695101079
 1.079309913 0.686576566 1.604143183
 YDL021W YDL021W::GPM2::Similar to GPM1 (phosphoglycerate mutase); converts
 3-phosphoglycerate to 2-phosphoglycerate in glycolysis 1 0.726890818
 1.782683916 1.545906892 2.250217032 1 1.049074153 1.577149815
 2.445013624 1.894716086 1 1.281141735 2.53193728 4.942537667
 3.046337671 1 3.185719857 4.289208714 5.440997894 5.394235874 1
 4.481619968 7.783388027 10.41187924 4.671364229 1 1.01615264
 2.252941459 1.825062201 0.984712569 1.550886834 1 3.630281383
 8.644392382 9.523027128 8.853367882 1 1.407657877 2.654449777
 1.614651978 1.657991659 6.504639871 1.578750049
 YKL056C YKL056C::YKL056C::molecular_function unknown 1 2.03834976
 1.579049665 0.955135262 1.485038865 1 1.529132967 1.260450643
 1.529537068 1 1.575090664 1.038540623 0.902986443 0.906729798 1
 0.673934784 0.385616368 0.283133287 0.621259168 1 1.210720163
 0.735313976 0.547307995 0.783180751 1 1.247933486 1.017283623
 1.141585508 1.482170871 1.201204751 1 1.199968689 1.058036906
 0.748354378 0.450805325 0.760721705 1 1.30378988 0.926448027
 0.816809015 1.076879139 0.812054396 1.385237183
 YDL023c YDL023c::YDL023C::molecular_function unknown 1 1.273957653
 1.326750542 1.093286281 0.657859906 1 1.720470424 1.871947755
 0.843266894 0.657869707 1 2.186188627 2.089712499 1.459739321
 1.037281827 6.145517901 7.179797318 9.930611887 6.139335046 1
 4.100671066 1.751265244 2.55683557 1 1.190866218 1.352389683
 1.548382438 0.952421818 0.977640768 1 1.355253756 1.047299394
 1.690307718 1.013330998 0.473587422 1 1.619973942 0.715396009
 1.07531643 0.523324855 1.416701508 1.027106933
 YGR226C YGR226C::YGR226C::molecular_function unknown 1 1.253088044
 1.470798643 1.517873213 1.877957629 1 1.385936077 1.510972614
 1.473012306 1.626786761 1 1.103684377 1.598093194 2.3264711
 1.693910461 0.427198636 0.657378568 0.534991309
 0.373697618 0.43130896 1 0.949819484
 1.068956777 1 0.963970898 0.881556629 0.849456381 0.96124304
 1.024853177 1 0.864970753 1.064558463 1.203650958 1.082723565
 1.293225538 0.968440097
 YKL058W "YKL058W::TOA2::Transcription factor IIA, small chain" 1
 1.643269347 1.446564442 0.924692637 1.467019425 1 1.093884097
 1.237335393 1.448966962 1 1.052677699 1.027569617 1.465903362
 0.929686115 1 1.010536468 0.638354892 0.707720464 1.272702493 1
 1.940437326 1.845871774 1.65361541 1.509060952 1 1.283985966
 1.120460332 1.071397815 1.061970268 1.227664914 1 0.9723082
 1.320984728 1.259979252 0.829663871 0.831676539 1 1.270725524
 1.253451909 0.92720986 1.287327499 1.216701664 1.195226768
 YDL025c YDL025c::YDL025C::not yet annotated 1 0.703683218 0.760125403
 0.940116425 0.633800216 1 0.898299933 0.981709563 0.798980975
 0.582102268 1 9.687743995 6.391812275 2.549166284 3.152238845 1
 5.389452249 6.087715039 4.443892055 1.878589373 1 1.890553036
 1.173039036 1.189494315 1.203894168 1 1.325262099 1.726054082
 1.207261148 1.369644128 1.448456513 1 1.264105767 0.885660962
 1.435312536 1.01615239 0.68869736 1 0.961662768 0.713404294
 0.937667654 0.489713428 1.220085823 1.824800513

YGR228W YGR228W::YGR228W::molecular_function unknown 1 0.844265481
1.189039175 0.973103044 1.601862681 1 0.959338213 0.766302238
1.219815749 1.195638782 1 0.734179379 0.802595823 1.186479797
1.164161323 1 0.606500084 0.520976994 0.477729998 0.93296533 1
0.821357549 1.363802856 1.401388576 0.732078119 1 0.582368138
0.542456291 0.379848492 0.470407261 0.662447473 1 0.8974672
0.722065107 0.560623393 1.042198232 1.403532539 1 0.925683372
0.708630543 1.359108725 1.355213912 1.492167131 1.592760061
YKL072W YKL072W::STB6::binds Sin3p in two-hybrid assay 1 1.091213707
1.155619147 1.269143808 1.039710707 1 1.4302432 1.149593889
1.275139725 1 1.204825889 0.977625294 1.052447896 1.033692804 1
1.121970532 1.329275892 1.333832614 0.734781188 1 0.620658636
1.011324764 1 1.15237635 1.02642985 1.032412984 1.18114405
1.333877768 1 1.148612563 0.839858348 0.787232888 0.73611567
0.762346569 1 1.143342853 0.948626807 0.856469993 1.189309685
0.779960579 0.851982143
YDL039c YDL039c::PRM7::pheromone-regulated membrane protein 1
1.268348156 1.085551412 1.423993591 0.999655556 1 1.135483405
1.11314829 1.285074622 1.266795253 1 1.357771766 1.000112741
1.09294736 1.34460814 1 0.650009505 1.767539033 1.519488968
0.586793181 1 0.734814319 0.636051723 0.140605678 0.356061617 1
1.364648928 1.170937631 1.201325044 1.725562763 1.311540295 1
0.853826224 0.466722005 0.584560553 0.27829256 1 0.63465485
0.414584274 0.68499956 0.326442758 0.71224279 0.415921395
YGR230W YGR230W::BNS1::bypasses need for SPO12 1 1.462987624
1.978990146 1.531950547 2.407839146 1 1.340156776 1.319951497
1.98711949 1.870199677 1 1.336849045 1.727527196 2.614111202
1.400023207 0.455120117 0.465038269 0.485233611 0.534991309 1
1.501583684 2.737768829 2.015584036 0.959223607 1 0.904385959
0.905935883 0.623207072 0.845108675 1 1.0282721 0.926604428
0.8089499 0.718296192 1.232396548 1 1.229497415 1.065863777
1.344102956 1.864203451
YKL074C YKL074C::MUD2::Involved in early pre-mRNA splicing 1
0.674620647 0.745356332 0.963206392 0.868637377 1 0.902506317
0.812155589 0.848818853 1 0.746560534 0.798397061 0.562399326
1.025964613 1 0.536689756 0.723313523 0.753767632 1
0.598651388 0.729004689 0.775508008 0.801132734 1 0.962058046
0.905337678 0.805280037 0.857205271 1.101437492 1 1.189714503
1.044992763 1.666692299 1.794780694 0.969504171 1 0.822097106
0.964108815 1.161633619 1.032543933 0.900252531 0.841474686
YDL041w YDL041w::KRE26::Killer toxin REsistant 1 0.944399295
0.854348204 1.137233263 0.822121424 1 1.057418632 1.071011682
1.085496375 0.817380688 1 0.961845725 0.758962554 0.626968339
1.199408312 1 0.272434063 0.615942544 1 0.807499037
1.025791113 0.888595079 1 0.796050761 0.622903643 1.166221048
1 0.76829168 0.534252533 1.137952554 1 0.803513875
0.480335757 1.105076976 0.235540531 1.034111939
YGR232W YGR232W::NAS6::Interaction with the 19S regulatory particle of the
26S proteasome detected by coimmunoprecipitation. 1 1.231621489
1.353791025 1.083065508 1.588057802 1 1.144423751 1.171220459
1.318047822 1.476324625 1 1.187712576 1.433472201 1.9277734
1.140892638 1 1.517143188 1.579657351 1.536161764 2.025712426 1
1.491785299 1.927203982 1.829293524 1.517262536 1 1.201455726
1.415791051 1.282533453 0.98799144 1.027879358 1 1.1974171
1.713506021 1.45192558 1.037543273 1.188157416 1 1.259935078
1.712765249 1.049189242 1.379259683 1.011999357 2.30026433

YKL076C YKL076C::PSY1::Platinum Sensitivity 1 1.463785025 1.619024411
 1.525463548 2.239355924 1 1.300372726 1.136482464 1.86916758 1
 1.162444098 1.286925378 2.094370029 1.504171573 1 0.788056247
 0.685496753 0.787566933 1.219588044 1 1.130574512 2.392867777
 1.754655318 1.045285257 1 1.139202981 0.888734301 0.822497546
 0.885064276 1.179940811 1 1.130599189 1.015730064 1.196248855
 0.856036512 1.099130089 1 1.230432615 1.077723635 1.042067884
 1.261814872 1.122856064 1.75299933
 YKL078W YKL078W::DHR2::DEAH-box protein involved in ribosome synthesis
 1.14632819 1.369728877 1.123856414 1.007325717 1.011609826
 1.128882957 1.697465626 0.483458424 0.28769904 0.259421655
 1.334362042 1 0.203531982 0.400737679 1 0.243195019
 0.369998911 1 0.400131761 0.301602106 0.434332805 0.784363281
 0.774102822 1 0.532763303 0.317268866 0.389353076 0.959549507
 0.329028263 1 0.329079023 0.337896934 0.797392681 0.226688759
 0.646210491
 YGR234W YGR234W::YHB1::may play a role in the oxidative stress response 1
 1.106297926 0.712801812 0.651888477 0.674519312 1 0.996155166
 0.767884658 0.55511146 0.440922579 1 4.75898479 10.38441166
 6.211184081 7.054183068 1 4.054868864 6.841368027 6.081378582
 4.691227254 1 1.660179453 0.56477351 0.52355737 1.281661 1
 2.505236693 4.737528007 8.18747143 10.41709582 7.055552882 1
 0.905932093 0.768587832 1.085579717 0.876376652 0.779678785 1
 1.327644947 1.141155799 1.969846533 1.238050302 0.733183918 13.58092844
 YKL080W YKL080W::VMA5::42 kDa subunit of V1 sector 1 1.017037102
 0.862108324 0.961669051 1.103729577 1 1.049542725 0.959636003
 0.754816205 0.989666852 1 0.934247462 0.931313279 0.816962549
 0.817810303 1 1.509924541 1.003024172 1.034242919 1.044249251 1
 0.962330892 0.56472601 0.611856246 0.858234245 1 0.943936854
 0.97980115 0.889655282 1.105306374 0.820016451 1 0.98744715
 1.061845944 1.055751197 0.721857351 0.633742204 1 1.06793979
 1.041345227 1.049999177 0.971439048 0.917653933
 YGR236C YGR236C::SPG1::Hypothetical ORF 1 1.485756351 2.11351155
 1.740258275 2.071074174 1 1.73343521 1.713301187 1
 1.392182288 2.801938012 1.633843093 0.416960781
 0.464791404 0.270086736 0.82412739 1
 0.801346326 1.216624323 1.038461923 0.891568805 1 0.887648365
 1.040936101 0.969436671 0.937199002 1.641602232 1 0.820696116
 1.108947171 1.277950944 1.28916452 1.511258485 0.917653933
 YKL082C YKL082C::YKL082C::molecular_function unknown 1 1.981880704
 1.908469327 1.531095279 1.915025656 1 1.192736354 1.810234748
 1.629822162 1 1.119783362 1.181161949 1.697332355 1.452131818 1
 0.874333101 0.603630036 0.880362897 0.962815465 1 1.026756468
 1.117288148 0.730049229 0.536679512 1 0.675712305 0.733273719
 0.529573144 0.497228106 0.978948013 1 0.826660244 0.975221069
 0.995026843 1.408036142 1.359847845 1 0.870734879 0.933529643
 0.851212686 1.491296414 0.74518647 1.119047469
 YGR250C YGR250C::YGR250C::molecular_function unknown 1 1.165885251
 1.362173464 1.181995112 1.432143397 1 1.194943925 1.251899716
 1.276175456 1.196491292 1 1.103841902 1.270465326 1.607053499
 0.94783346 1 1.300861627 1.146356113 1.245389814 2.066300264 1
 1.223210598 1.628761075 1.653913186 1.428274403 1 1.419229042
 1.886030745 2.159196291 2.348843906 1.938313498 1 1.045956542
 0.968989382 1.16825358 0.957456807 0.698463847 1 1.71251425
 1.411862802 1.345338213 1.174307139 1.212700766 1.67156625
 YGR252W YGR252W::GCN5::functions in the Ada and SAGA (Spt/Ada) complexes to
 acetylate nucleosomal histones 1 0.936610316 1.102324776 1.134791071

1.214648525	1	1.083147839	1.04814961	1.097268172	1.028509117	1
0.886446724	0.977285234	0.997441767	1.009834717	1	1.330422682	
0.936567636	1.099501156	0.876278718	1	1.144297838	0.877666742	
0.810202403	0.652577808	1	0.944877594	1.144575981	1.036278697	
0.966294889	1.157856262	1	1.176047912	0.980800475	1.003470168	
0.960242348	1.075073117	1	1.163263791	1.031492634	1.091227564	
1.186505119	1.066436156	0.951803299				
YGR254W	YGR254W::ENO1::enolase I	1	1.349375976	0.874715083		
0.706794226	0.379925881	1	1.474569003	1.189192574	0.464540647	
0.519100312	1	1.195426087	1.15760446	0.981737768	0.445414646	1
1.811614451	1.842595135	2.32227275	1.161660334	1	1.446042466	
0.595621259	0.723351339	1.004462035	1	1.131026815	0.990836073	
1.878255058	1.44890332	1.326439112	1	1.049846971	0.870077912	
0.915952417	0.732098953	0.361551689	1	1.335196273	0.800597586	
1.305663622	0.612157013	0.891547856	1.302928543			
YGR256W	"YGR256W::GND2::6-phosphogluconate dehydrogenase, decarboxylating; converts 6-phosphogluconate + NADP to ribulose-5-phosphate + NADPH + CO2"	1				1
1.268924936	1.009744153	1.314533418	0.829383665	1	1.124087831	
1.279825515	1.091770424	1.383308877	1	1.038203118	1.049540678	
1.537906547	1.563363352	1	1.836506806	3.144923016	7.832084729	
6.03521704	1	0.84369424	0.68928417	3.005058349	1	
1.067740036	0.939390548		1.727604575	1.823012919	1	0.886530216
0.777920693	0.817967983	0.689549032	0.522644113	1	1.516210119	
1.021157788	1.571930197	1.078858539	1.083258427	1.682949372		
YDL043C	YDL043C::PRP11::snRNA-associated protein	1	0.896746456			
0.852675305	1.11141598	1.262271372	1	0.908766451	0.976471734	
1.022832819	1.049710598	1	0.823183084	0.873505348	0.731656916	
1.034938164	1	0.719737492	0.731830498	1.005437742	0.891122124	1
1.17511322	0.649982567	1.177499511	1.370845448	1	0.908622663	
0.885734739	1.05100322	1.000398139	0.962157236	1	0.884759288	
0.727690342	0.484656816	0.606831563	0.502767645	1	0.889216999	
0.693809328	0.737041971	0.547984011	0.88191661	0.61556368		
YDL045C	"YDL045C::FAD1::Flavin adenine dinucleotide (FAD) synthetase, which performs second step in synthesis of FAD from riboflavin"	1	0.864786663			
0.944585096	0.88427766	0.973293273	1	0.781954641	0.881056718	
1.145151278	1.089527432	1	0.902386876	0.974906644	1.119984193	
1.084838671	1	0.871093357	0.714868091	0.779239107	0.896185194	1
1.363336439	1.455947079	1.208787014	0.749840226	1	1.079032853	
1.176712564	1.131572007	0.902155114	1.001007633	1	1.246433473	
	1.216063997	1	1.187722392	1.149443018	1.199263059	0.973751384
1.113314256	0.950052073					
YDL047W	YDL047W::SIT4::SIT4 suppress mutations in DBF2	1	0.804449858			
0.823277586	0.712512669	0.5169863	1	0.85220643	0.802895051	
0.750176817	0.710586576	1	0.758547472	0.807257424	0.730091161	
0.716338226	1	0.926187217	0.917408204	0.929866367	0.858052375	1
1.111735069	0.842590563	0.761278004	0.645828445	1	1.045174127	
0.953789877	1.236047417	1.179363519	1.253469546	1	0.833732866	
0.664589362	0.559490256	0.805389046	0.563120552	1	0.718249864	
0.606312973	0.87986235	0.771440837	0.715552325	0.782807851		
YPR143W	YPR143W::YPR143W::molecular_function unknown	1	0.454725459			
0.691665232	0.64869074	1.042679544	1	0.584648826	0.561773687	
0.866911094	0.978369273	1	0.374732288	0.438823109	0.53408782	
0.826969634	1	0.281137379	0.238259248	0.307926771	0.584511861	1
0.650341766	0.875407783	0.861816502	0.609409999	1	0.583688378	
0.685806985	0.513010684	0.488746209	0.767826913	1	0.87338427	
0.935516898	0.892985649	1.727140782	1.614671629	1	0.617339622	
0.841990097	1.157900604		0.81507845	1.06475875		

YDL049C YDL049C::KNH1::46% identical at amino acid level to Kre9p; located extracellularly 1 1.107484608 1.157462155 1.172001629 1.126524426 1 0.966062014 0.951894802 1.373850002 1.307599173 1 0.746845054 0.705117753 1.127772984 1.651667159 1 0.530796797 0.292345739 1.220917559 1 2.210627296 2.303414016 1.80719453 1.786357738 1 1.107807475 1.398291246 1.214342404 1.132083945 1 1.148311759 1.246732013 1.029733823

YPR145W YPR145W::ASN1::Asn1p and Asn2p are isozymes 1 0.664507536 0.617325874 0.699009484 0.441742064 1 0.880623022 0.840921411 0.555903382 0.573157846 1 1.184593817 0.838867332 0.420438622 0.520154596 1 1.138283871 0.781499558 0.61975685 0.442301877 1 0.830794594 0.581108369 0.420083846 0.463253219 1 1.064899697 0.804603409 1.552946632 1.191135021 0.781018422 1 1.031312037 0.544881714 1.075308977 0.999086301 0.560707724 1 1.254663367 0.800334294 1.688820385 0.695480123 1.059220297 0.564777463

YDL063c YDL063c::YDL063C::molecular_function unknown 1 0.646996527 0.444623142 0.797292283 0.604573109 1 0.578046816 0.529994017 0.745638563 0.853382675 1 0.289509895 0.191837821 0.159782169 0.803716926 1 0.199440062 0.146223014 0.466522039 1 0.409606429 0.371624455 0.645350806 1 0.798253429 0.568515206 0.784305428 1.075494861 1.15569113 1 0.61454403 0.519681125 0.253085736 0.845638481 0.598526234 1 0.661384765 0.523274475 0.988400149 0.915759633 0.461938831 0.616439293

YPR147C YPR147C::YPR147C::molecular_function unknown 1 0.889031866 0.84256889 0.910001901 0.803714095 1 0.851523404 0.798944426 1.030469377 1 0.937139523 0.870250314 0.817703639 0.845618731 1 0.975923134 0.915795622 0.671817398 1 1.058433122 1.369486082 1 1.278845272 1.470031198 1.394778597 1.35877348 1.20518351 1 1.054906081 1.280485684 1.246099966 0.903690832 1 1.083889511 0.921613388 0.854168571 1.011356321 0.773999374 1.294172311

YDL065c YDL065c::PEX19::40 kDa farnesylated protein associated with peroxisomes 1 0.787327439 1.171717046 1.08686735 1.161646177 1 0.811851179 0.826078334 1.366100165 1.149863673 1 0.845945386 1.174517906 1.44053268 1.180575937 1 1.102588694 0.675278862 0.87099491 1.251826836 1 1.993928449 1.971894538 1.699347171 1.253813412 1 0.961427443 1.258274787 0.731668397 0.621283465 1.044487051 1.214591979 1.058481964 1.061341686 1 1.523996661 1.725392387 1.421112873 1.441259167 1.464756122 1.136559933

YPR161C YPR161C::SGV1::CDC28/cdc2 related protein kinase 1 0.971026798 1.090072762 1.161772418 0.920659928 1 1.259160097 1.22136211 1.097161408 1.007665269 1 1.108864172 1.136522201 0.892764398 1.209235305 1 0.870625115 0.535248462 0.784629362 0.873813705 1 0.901734329 0.869679407 0.653708945 0.702294889 1 1.101202726 0.9066355 1.194665784 0.974585157 0.937742226 1 0.871960377 1.220141712 1.094942643 0.945185666 1 1.148664709 0.992294566 1.323404187 0.906708102 0.974821164 0.804698482

YDL067C YDL067C::COX9::Plays role in cytochrome c oxidase holoenzyme assembly or stability 1 1.628044409 1.911603062 0.963066758 1.954429002 1 1.157750401 1.264918153 1.781096456 1.897401116 1 1.275629801 1.146777726 1.877931022 1.027746272 1 1.07185762 0.642777734 0.762704831 1.344341997 1 1.931603299 1.600973721 1.907309455 1.302553352 1.176640112 0.512235311 1.268177909 1.240106116 1 0.624524908 0.549497627 0.292678816 0.438000507 1.427418387 1 0.966033622 1.163874189 0.644705416 2.106455771 1.68968241 1.404500872

YPR163C YPR163C::TIF3::Suppressor of translation mutants 1 0.881165189 0.684755561 0.874184332 1.04420329 1 0.904767731 0.652541889 0.822540073 1 0.704118472 0.448845041 0.369811894

0.77524695	1	0.706284837	0.367390434	0.317377712	1
0.732778682	0.414822777	0.331933317	0.6614629	1	0.976238925
0.672690692	1.14892632	1.272093337	1.232582649	1	1.265120081
0.641730845	0.848246467	0.754997363	0.43752305	1	0.95347557
0.42803731	0.578888835	0.622684901	0.286393766	0.948300744	
YGR258C	"YGR258C::RAD2::Incision step of nucleotide excision repair of DNA damaged by UV light; co-purifies with transcription factor, TFIIH mRNA is cell cycle regulated & induced by DNA damage & by meiosis"				
	1	1.080077662			
1.248366667	1.269623921	1.18033857	1	1.341604399	1.430207104
1.185919902	1.159127427	1	1.390486397	1.496854378	1.022277501
1.197840891	1	1.228624054		0.878668784	0.770782977
1.139719461	0.619493348		1	1.008249401	1.272223034
1.12090766	0.96611483	1.107474838	1	1.240651774	1.122244405
1.171919783	1.256157207	1.086119265	1	1.093288939	1.195323401
1.23365456	1.064478292	1.034436674	0.992082006		
YDL069C	YDL069C::CBS1::translational activator of cytochrome b				
	1				
0.80008072	1.23911546	0.882335803	1.61570147	1	0.815038698
0.846635112	1.403947017	1.093638484	1	0.8643259	1.049767107
1.518650203	0.907917327	1	0.68833891	0.638206641	0.96730716
1.243711083	1	2.088403361	3.371844788	3.326018631	1.814356059
0.812417584	1.136908729	0.643406582	0.551794749	1.104037154	1
1.553712505		1.317166902	2.230270906	1	0.977274795
0.994565635	1.53849047	1.888079802	1.433396457		
YPR165W	YPR165W::RHO1::Gtp-binding protein of the rho subfamily of ras-like proteins				
	1	1.131158547	1.318683299	1.063340086	1.487401518
1.070713968	1.006843647		1.284616881	1	0.782615646
1.252854277	0.925073922	1	1.128490699	0.885962862	0.948403294
1.475101291	1.266531588	1.952996539	1.402914679	1	1.327469454
1.109520287	1.057852776	1.090537871	1.159134812	1	1.414005741
1.290537862	1.088668566	0.696388129	1.055164853	1	1.283693998
1.168644134	0.951174859	1.442892546	1.255219864	0.985952665	
YGR260W	YGR260W::TNA1::Transporter of Nicotinic Acid				
	1	1.344747951			
0.885920111	1.033798618	0.864105687	1	1.224304128	1.058405531
0.701459023	0.845897568	1	1.15142036	0.85707188	0.580820528
0.890224151	1	1.700773126	1.230694001	1.34701351	1.160401975
0.912398798	0.588773215	0.624962202	0.823366236	1	1.222904541
0.863642209	1.094512592	1.453795279	1.034348497	1	0.923894365
0.683852734	0.980154443	0.914173978	0.589784347	1	1.170531131
0.717726789	0.920250174	1.022203679	0.791395358	1.622531311	
YDL071c	YDL071c::YDL071C::molecular_function unknown				
	1	1.224802497			
0.96756195	1.305920977	0.956628323	1	1.140591949	1.093882826
1.300945514	1.051250636	1	1.35871661	1.106610614	1.163779339
1.137666262		0.604034674		1	1.001310493
		0.959800524	0.796146874	1.074266979	1
0.555527496				0.827208911	0.740417328
0.618137479					
YGR274C	YGR274C::TAF1::TAFII complex component required for activated transcription				
	1	1.101426551	1.183480178	1.419437542	1.250148508
1.42576865	1.457915913	1.326933088	1.16446822	1	1.12398264
0.82331856	1.377039058	1	1.151305244		
	1	1.023982875	1.137772392	1.088246848	1.308072972
1.301457344	1	0.947972897	0.79933455	0.847677769	0.918421777
0.732069826	1	0.901323277	0.771187591	0.939993509	0.800933246
0.86898712	0.689991701				
YDL073w	YDL073w::YDL073W::molecular_function unknown				
	1	0.967297678			
0.826562096	1.000983638	0.888584732	1	0.969244484	1.00518205
0.896760879	0.726431765	1	0.923114148	0.783509149	0.576433751

0.963398277	1.370944714	0.979212905								
1	0.838754715	0.679092755	0.492749456	0.967181147	1.131259814	1				
0.822751822	0.488874704	0.604152797	0.609200522	0.521190849	1					
0.639122735	0.51507626	0.863874829	0.446703425	0.635999411	1.294172311					
YPR167C	YPR167C::MET16::3'phosphoadenylylsulfate reductase					1				
1.255593676	2.377622653	1.195666291	1.387903514	1	0.845151205					
1.145203642	1.578569091	1	1.923862172	3.145684545	1.967237055					
0.893753422	1	1.067235022	0.591733666	0.705905651	0.790164752	1				
3.226596918	2.726660567	2.840453963	1.923110527	1	0.743317768					
0.847698279	0.918737268	0.613070157	1	0.706071433	0.848049904					
0.978599667	1.443287425	1.005075198	1	0.851052505	0.958738569					
0.641883986	1.040451852	0.664724612								
YPR167C	YPR167C::MET16::3'phosphoadenylylsulfate reductase					1				
1.933147023	1.647927311	1.283858842	1.279435375	1	1.461141428					
1.397805155	1.330526658	1	1.665310166	1.285557935	1.411930113					
1.167473655	1	0.696295251	0.64638887		0.587904329					
0.808472326	0.492471712	1	1.081836267	1.14334972	0.771743317					
0.931895096	1.038886696	1	1.47950386	1.724252439	1.157610724					
1.706264278	1	1.236100507	1.482500425	1.543900003	1.739021385					
1.741924249										
YPR169W	YPR169W::JIP5::Jumonji Interacting Protein					1	0.71348892			
0.709102403	0.787839924	1.123621199	1	0.772815365	0.583299065					
0.939456215	1	0.651928155	0.518374604	0.506552644	0.808644597	1				
0.978861862	0.509752475	0.579438052	1	0.91303167	0.789986655					
0.671864439	1.028510362	1	0.793512559	0.757909598	0.621836932					
0.782760372	0.851094764	1	0.929980452	0.836182805	0.725405825					
0.829753265	1.098277894	1	0.916754854	0.745067003	0.844014126					
1.024370705	0.844151411	1.077893097								
YGR276C	"YGR276C::RNH70::RNase H(70), a 70 kDa ribonuclease H"					1				
1.063653363	1.118625056	1.071838917	1.261906687	1	1.010393121					
0.981048901	1.131142416	1.168150447	1	1.132587696	1.052083363					
1.072728269	1	0.925689521	0.880479199	0.783555747	1.034894066	1				
1.196725518	1.386903992	1.177049171	1.251934874	1	1.029765936					
1.159325821	0.955171448	0.86926251	1.008205811	1	0.999221298					
1.450602128	1.185593618	1.084068565	1.314898574	1	1.239377964					
1.454848315	1.08714472	1.325437899	1.120478552	0.924658939						
YPR171W	YPR171W::YPR171W::molecular_function unknown					1	0.734958947			
0.767833949	0.820218814	0.859251128	1	0.878133148	0.914579768					
0.663547173	0.734926948	1	0.840038865	0.79812735	0.715945636					
0.766652864	1	0.747911399	0.767569863	0.978243025	0.741334878	1				
0.594937376	0.802593724	0.684586376	0.640260884		0.773774928					
0.809952876	0.931520563	0.882295075	0.812384306	1	1.053603744					
1.203189805	1.395789481	1.370364744	0.882283607	1	0.641223548					
0.611105957	0.524370536	0.716954455	0.330397437	0.950052073						
YGR278W	YGR278W::CWC22::Complexed with Cef1p					1	1.202511542			
1.059547264	1.432481194	1.17137618	1	1.185163768	1.296916988					
1.246199114	1.15557466	1	1.135306959	1.022262364	1.108310178					
1.172504215	1	0.608413309	0.778108556	1.007151527	1					
1.150966034	1.431382188	1.011198596	0.907362993	1	0.924147959					
0.931213504	0.956305863	0.848337378	0.85197406	1	0.913229041					
0.974664863	0.969492948	0.798604171	1.437366394	1	1.068080414					
1.078803588	0.943170276	0.94379628	1.253006253	0.766171						
YPR185W	YPR185W::APG13::autophagy					1	0.638374281	0.737827868		
0.870827407	0.81297046	1	0.759055351	0.913778702	0.58120693	1				
0.943472604	0.879156845	0.588370836	0.843016327	1	0.988671656					
0.833439985	0.656736948	1	1.521788228	1.290640577	1.276403936					
1.483829508	1	0.942566323	1.064716757	0.889693309	0.811187813					

1.022815789 1 1.113057699 0.977082939 1.312754949 1.09518229
0.930778901 1 1.233869692 1.089629893 1.256921116 1.098370894
1.347804128 0.894012128
YGR280C YGR280C::PXR1::PinX1-Related gene
 G-patch Nucleolar protein 1
0.856054946 0.931489036 1.019863582 1.297015076 1 0.770367033
0.776188439 0.962781301 1.147795011 1 0.639843781 0.348073157
0.493470492 1.148063392 1 0.480848898 0.181018898 0.428355788 1
0.438565414 0.805761175 1 0.636754819 0.405447793
0.382854933 0.557569542 0.815695867 1 0.9702337 0.731849082
0.507723966 1.641665946 2.634360905 1 0.684726234 0.524002109
0.899326042 1.382623112 0.839723408
YGR282C "YGR282C::BGL2::Cell wall endo-beta-1,3-glucanase" 1
1.426390452 0.917486251 1.027116694 1.189900914 1 1.151230454
1.046768235 0.917822295 1.103504677 1 1.071169548 0.878314819
0.794389987 0.803462799 1 1.395650822 1.080000247 1.193394679
1.12607705 1 1.272583466 0.474310843 0.467657953 0.708876927 1
1.339764833 0.928898739 1.922472507 2.111037206 1.047299664 1
0.90645141 1.026526671 0.912532572 0.704920035 0.538937253 1
1.053507092 0.742720396 0.715718789 0.728914684 0.948736787 0.836220905
YGR284C YGR284C::ERV29::ER Vesicle protein of 29 kDa (apparent MW) 1
1.28157543 0.862460059 0.99228124 0.690073975 1 1.023893579
0.964077423 0.891523204 0.84090644 1 1.127278271 1.03519009
1.066525346 0.922969036 1 1.405900651 1.255878738 1.338736751
1.418905468 1 1.019943204 0.392796146 0.608782764 1.044564554 1
1.481288827 1.753630375 1.241560793 0.886689631 1 1.061974181
1.05920134 0.977567648 0.89900937 0.634873458 1 1.406189901
1.292705145 0.986572761 0.904440574 0.957630501 1.020977592
YHL002W YHL002W::HSE1::Has Symptoms of class E vps mutant 1
0.928544436 0.905903328 1.053723234 0.981157489 1 0.907770293
0.986092148 0.932875666 0.969436686 1 1.00759532 1.056628472
0.831651041 1.015268398 1 1.440228398 0.841924754 1.191256187
1.129418112 1 1.373093241 1.300249782 1 0.946956919
1.102292359 1.015145949 0.819411433 0.870720723 1 1.094050374
1.016027928 0.928883359 1 1.224579906 0.9669876 0.940400882
0.857235872
YHL004W YHL004W::MRP4::Involved in mitochondrial protein synthesis 1
0.993767806 1.049658143 0.893838165 1 1.105443475 1.221847463
0.943051446 0.955860568 1 1.024153319 0.975925366 0.922887376
0.773166933 1 1.255236512 1.080425641 1.05232286 1.022770694 1
1.074603459 0.612039362 0.707335855 1 1.135697947
0.96307939 0.994639736 1.001364136 1 1.046758249 0.757858527
0.581594076 0.674059281 0.590210722 1 0.909841474 0.772170355
0.772287979 0.681241627 0.974600333 0.835345293
YDL087c YDL087c::LUC7::Living Under Cap-binding complex expression 1
0.688134196 0.855489816 0.824095879 0.646666814 1 0.891376306
0.964508812 1.125889268 0.748129517 1 1.140416904 1.057198057
0.750720836 0.854265852 1 0.758070989 0.901478763 0.770828453 1
1.431619499 2.683558664 1.972960002 1.353093779 1.167510005
1.186122749 1.475662667 1.50420281 1 0.853977641 0.570311027
0.698532799 0.882564905 0.363220956 1.193089746 0.834574424
1.36592515 0.812365245 1.392891954 0.841474686
YDL089w YDL089w::YDL089W::molecular_function unknown 1 1.116850617
1.183784896 1.21733211 1.368687208 1 1.127998609 1.204825334
1.192519218 1.048364869 1 1.376158805 1.193687405 1.365347613
1.13696293 1 1.659139332 1.058322684 2.157437624 1.456112621 1
1.287983367 2.616667212 1.861662427 1.38173916 1 1.005651092
1.144858359 1.051360011 0.959371492 1.03998987 1 1.045812106

1.300728712 1.636406463 0.887674876 1.053892136 1 1.163979897
0.906596772 0.92612447 1.11563055 1.882591684
YDL091c YDL091c::YDL091C::molecular_function unknown 1 0.7930449
1.139942563 1.134158208 1.270101078 1 0.987171363 1.01835841
1.263778897 1.082676818 1 1.043604704 1.207378636 1.167322931
1.270127025 1 1.041481145 0.928671682 1.116884958 1.252046928 1
1.896633722 1.965449556 3.552246168 1.357682664 1.431223507
1.035584126 0.871629934 1.130065827 1 0.91341133 1.195315745
1.290717327 1.06309909 1.752882031 1 1.228097894 1.204972332
1.115819941 1.086022354 2.026544289 1.47980461
YPR187W "YPR187W::RPO26::subunit common to RNA polymerases I, II, and III"
1 0.920663233 1.034858605 0.771001535 1.622550088 1 0.77965373
0.698786282 1.162907042 1.286936133 1 0.680494902 0.686250594
0.753636662 0.98076564 1 0.725381001 0.48900811 0.403546933
0.853484383 1 1.172806558 0.939506766 0.908565504 0.825369566 1
0.77666068 1.088820922 0.547752649 1.02160556 1.371816476 1
1.335099524 1.320515138 1.057092646 1.162531616 1.809602416 1
1.091103515 1.349271965 0.884060421 2.571068624 0.853462929 1.518331988
YDL093W YDL093W::PMT5::Transfers mannose residues from dolichyl phosphate-D-
mannose to specific serine/threonine residues of proteins in the secretory
pathway 1 1.209870142 0.792588326 0.965583815 0.61589322 1
1.013380473 0.995791391 0.822656931 0.642209315 1 1.017947652
0.825256284 0.438749728 1.126919362 1 0.869244464
0.534979596 1 1.722632436 0.717466209 0.642120544 1
1.145265663 0.890517154 1.168353454 1.446354978 1.401615566 1
0.670360701 0.54865924 0.847641259 0.429016463 1 0.962589602
0.751464101 1.155762564 0.700083927 0.788013303 0.695245482
YPR189W "YPR189W::SKI3::dsRNA virus protection family member, contains 8
copies of the tetratricopeptide (TPR) domain" 1 0.834552864 0.838452903
1.056277308 0.727399645 1 1.03500463 0.984563262 0.725181011
0.665540126 1 1.010219233 0.869252195 0.510866576 0.957997443 1
1.332460719 0.935842022 1 0.643567739 0.610256348
0.623229384 0.45815327 1 0.671248068 0.846292966 0.806464365
0.815578395 1.068035605 1 1.299012552 0.648144859 1.348089691
1.134593588 0.66550354 1 0.878695685 0.65810326 0.805501685
0.894952611 0.585434414 1.389615299
YDL095W YDL095W::PMT1::Transfers mannose residues from dolichyl phosphate-D-
mannose to specific serine/threonine residues of proteins in the secretory
pathway; acts in complex with Pmt2p 1 0.840604226 0.593406384 0.789460359
0.389582761 1 0.868250193 0.854979424 0.548926361 0.584168621 1
0.931427768 0.710997992 0.415938882 0.702063046 1 1.168692586
0.872942102 1.062220548 0.627335924 1 0.889061357 0.526709322
0.286094298 0.5343709 1 0.984612158 0.816885281 1.087056821
1.426813811 0.915676589 1 0.706926757 0.485652205 0.512128795
0.646100052 0.233617427 1 0.70654121 0.550026743 0.801300633
0.508267793 0.513888531 0.711882332
YPR191W YPR191W::QCR2::40 kDa ubiquinol cytochrome-c reductase core protein
2 1 1.037338344 1.223344374 1.192202938 1.176798455 1 1.521733761
1.499648127 0.98770509 1.171158167 1 0.674397023 0.807793606
1.213946202 0.859426891 1 0.475099619 0.851456448 1.648751769 1
1.127260758 0.446091015 0.965738944 2.039800606 1 0.624020889
0.317509273 0.346413981 0.952618309 1 0.440083624 0.127380945
0.203990913 0.316985903 0.598803225 1 0.36500771 0.134093719
0.396872439 0.745151174 0.794088958 0.90276836
YDL097c "YDL097c::RPN6::Regulatory Particle Non-ATPase, homolog of mammalian
proteasomal subunit S9/p44.5." 1 0.656634156 0.816004388 0.89751029
0.717565996 1 0.780303393 0.879925915 0.973260816 0.806303407 1

0.814784234	1.066019326	1.098124488	0.763579418	1	1.260780463
1.583990089	1.68387883	1.574743037	1	1.830211298	1.523182484
2.109166988	1.542963061	1	1.062128324	1.227959537	1.62559789
0.88779389	1.057871339	1	1.072644499	1.308379508	1.181474835
0.809728893	0.719069716	1	1.373412969	1.485303673	
1.071763756					
YPR193C	YPR193C::HPA2::Histone and other Protein Acetyltransferase; Has sequence homology to known HATs and NATs 0.897608189				
0.962326508	0.92499619	0.923511095	1.022196435		
0.822241002	1.145507452	1.131171882	1.114089493	1	0.728545823
1.185357456	0.267758415			1	0.700842469
0.770844687	1.087354371	1.122988231	1	0.844498556	0.737013592
1.117854431	1.23434422	0.737443112	0.627714117	1.08544134	
0.507150204	1.176429	1.001713903			
YDL111c	YDL111c::RRP42::Ribosomal RNA Processing 1 0.968976478				
0.839100174	0.731624346	0.878886976	1	0.71875978	0.711585398
0.953762905	1.028179392	1	0.704033088	0.630489808	0.764615118
0.788639003	1	0.620537528	0.422510346	0.63069878	1.167773851
1.227448952	1.389757795	1.459412024	1.273917205	1	0.976568854
0.832961598	0.789002983	0.926021521	0.900971774	1	0.77783836
0.793517786	0.48176504	0.598809693	0.966649778	1	0.796912532
0.774652549	0.836734029	1.170557201	0.663179496	1.111166903	
YPR195C	YPR195C::YPR195C::molecular_function unknown 1 1.521705055				
1.269498097	1.146958719	1.194145582	1	1.485822775	1
0.859729413	0.946409794	1.133689453	1.113106801		
		1	1.435120581	1.930199655	
1.823663851	1.586218195	1	0.912498421	0.897935633	1.600367312
1.585963294	1	0.564663853	0.760394242	0.570694328	0.686078277
0.491055523	0.845852802				
YHL006C	YHL006C::SHU1::suppressor of HU sensitivity involved in recombination 1 1.421171784 1.409234069 1.194409299 1.31328615 1				
1.106868261	1.165678486	1.558723622	1.473076107	1	1.026944801
1.333820245	1.833495356	1.430112226	1	0.994521715	1.954430994
1.803841499	0.381846787	1.036588998		0.327227333	1
	1.453414311	1.054479237	1	0.843740418	0.7596361
0.947605552	1.593882911	1		0.921084968	1.106999177
1.189097427					
YDL113c	YDL113c::CVT20::Cytoplasm to vacuole targeting 1 0.834104472				
0.925543856	1.045419877	0.859573631	1	0.96139239	1.05051387
0.937136959	0.806975555	1	1.254336806	1.377778615	1.030408849
1.050509953	1	1.280510991	1.475009782	1.275459366	1
2.654034779	2.453403749	1.683499434	1.359839494	1	1.242497937
0.770750038	1.388037431	1	1.187773029	1.220980848	1
1.399817338	1.314231157	1.408258179	0.873691053	1.401524878	
YHL008C	YHL008C::YHL008C::molecular_function unknown 1 1.161315779				
0.946008538	1.227679477	0.787967627	1	1.214388656	1.184443991
0.895561578	0.825957698	1	0.995289928	1.039085518	0.979161011
0.945580495	1	1.33642924	1.665136088	0.875986954	1
0.895300367		0.382343734	1	0.956379817	0.997456157
1.095835851	1.005389426	0.881696564	1	0.862663454	0.638829556
0.751756272	0.829208589	1		1.343485746	0.879760977
1.162159445	0.727643518				
YDL115c	YDL115c::IWR1::Interacts with RNA Polymearse II 1 0.894323498				
1.237798918	0.894168747	1.3159102	1	0.81684524	1.422344841
1.353117283	1	1.068764603	1.364934854	1.081273444	1
1.297703256	0.95243751	1.032676113	1.689433216	1	2.465763762
3.828725819	4.355112991	1.168859995	1	1.075600605	1.246708023

0.847848152 0.88247982 1.056241382 1 1.042848299 1.476477266
 0.963060814 0.907947508 1 1.22827508 1.256846036 1.192727549
 1.220083189 1.477319299 1.232878585
 YDL117w YDL117w::CYK3::involved in CYtoKinesis 1 0.721514049
 0.749950342 1.042104297 0.681367393 1 0.952712545 0.98690526
 0.915854666 0.732963698 1 0.773764501 0.841585389 0.514269139
 0.782847023 1 0.818743664 0.713122759 0.851682191 0.697106599 1
 0.701585864 0.778359286 0.64469491 0.780618405 1 0.813550168
 0.798574765 0.825877931 0.872859776 0.873450605 1 0.916833208
 0.767438563 0.632600688 0.57320894 0.950388249 1 0.872091905
 0.791296289 0.784894136 0.529764627 1.053574876
 YHL010C YHL010C::molecular_function unknown 1 1.189787786
 1.419561628 1.750345277 1.240577192 1 1.544296719 1.414644266
 1.324219732 1.245156585 1 1.313118546 1.705393096 1.395344799
 1.367635889 1 0.85788072 0.837143102 0.706766862
 0.444711793 1 0.828148399 1.288995177 1.03398913
 0.869092568 1.001650115 1 1.138206784 0.844434124 0.923778228
 1.141416225 1.119784946 1 1.281263252 1.410345032 0.861117731
 1.445198106 0.770549116
 YHL012W YHL012W::YHL012W::UTP-glucose-1-phosphate uridylyltransferase 1
 1.293260746 1.038956405 1.325469514 1.392392377 1 1.148411289
 1.180545866 1.197121172 1.255300939 1 0.684494315 0.568419472
 0.852190365 1.013889358 1 0.4380576
 0.492471712 1 0.568299536 0.330181587 0.638524169 0.842540831
 0.662365254 1 0.591476247 0.581422897 1
 0.901572743 1.159483394 0.58841932
 YHL026C YHL026C::YHL026C::molecular_function unknown 1 1.27697112
 1.164597158 1.155899605 1.165624363 1 1.274511008 1.252804025
 1.11612053 1.174697085 1 0.906916575 0.900402701 0.919345063
 0.976094156 1 1.039852717 1.20085732 1.186855693
 0.431905948 1 1.122442223 1.008969536
 1.23307473 0.963754733 1 0.732670872 0.896306927 0.48950923
 1.240215237 2.508389789 1 0.953600753 0.808018655 1.332142306
 1.054470496 1.372177602 0.939544512
 YHL028W YHL028W::WSC4::cell wall integrity and stress response component 4
 1 1.237751672 1.242922658 1.274816363 1.23105297 1 1.36525155
 1.418248411 1.092022581 0.997972249 1 1.15174023 1.009116217
 0.776324381 0.842316647 1 0.975911224 0.823117819 0.872665393
 0.420858988 1 0.576752872 0.911595268 0.368867967 0.45438244 1
 1.060739469 1.219033717 1.206082869 1.586396338 1.418343985 1
 0.910707285 0.423422913 0.632053962 0.922898356 0.448160295 1
 0.809536702 0.602583828 0.712461848 0.711026306 1.495993937 0.454448851
 YHL030W YHL030W::ECM29::ExtraCellular Mutant 1 1.47262027
 1.298411665 1.162434481 1 1.576360251 1.754176521 1.362632615
 1.132259888 1 1.73377794 1.783162736 1.236923137 1.2381793 1
 1.120694742 0.978113375 1.165384102 1.151368333 1 1.278539116
 0.762997157 1 0.981958531 1.31452356 1.252082536 0.877026069
 0.834114513 1 1.335119173 1.119543072 1.127537012 0.680643549
 0.531502455 1 1.257894657 1.297501555 0.987004194 0.703304663
 1.080569178 0.909773366
 YHL030W YHL030W::ECM29::ExtraCellular Mutant
 0.698451719
 1.290477676 1 1.316331614 2.360234377 1
 0.934933922 0.626058262 3.479729756
 YHL032C YHL032C::GUT1::Glycerol utilization 1 1.244787794 1.123152015
 1.518847001 0.807557031 1 1.523309205 1.619191912 0.994718408

1.070442849	1	1.516897539	1.333546783	1.357749686	1.226645589	1
1.491286816	1.59272517	0.743671826	0.711495183	1	1.337335645	
0.826258148	0.653917286	1	0.986536711	0.941497897	1.1533368	
1.065313439	0.965778891	1	0.957630028	0.761782948	1.029285938	
1.038912672	0.898108494	1	1.044959602	0.80909395	1.001341575	
0.818619112	1.295215339	0.625195524				
YHL034C	YHL034C::SBP1::single stranded nucleic acid binding protein					1
1.248133922	1.459823833	1.323199457	1.955060007	1	1.265818478	
1.3264396	1.612132039	1.944983567	1	1.205686713	1.419969287	
1.788341156	1.34691259	1	1.216826617	1.07300766	1.296523552	
1.094225431	1	1.127528605	0.85782923	1.240228824	0.90606361	1
1.098177636	1.349945296	1.221241885	0.982785021	1.007268841	1	
1.234519943	2.103463122	1.621516055	1.230131865	1.651246167	1	
1.220530573	1.367400451	1.134688061	1.355020119	1.474271176	1.073514981	
YHL036W	YHL036W::MUP3::methionine uptake					1
1.111621021	1.132216384	1	1.322359874	1.339306645	1.270565895	
1.150182075	1	3.457276807	3.021773231	2.158808354	0.97177644	
1.14291929	0.858721497	0.804777716	0.596879746	1	2.86441369	
1.479320011	0.643595202	1	0.531573332	2.448035111	1.622713139	
0.898521562	1.068117105	1	3.467906604	2.811888056	1.901111645	
1.798475838	4.347699723	1	2.129148331	1.233486087	1.117079683	
3.043758872	1.773138684					
YDL119c	YDL119c::YDL119C::molecular_function unknown					1
1.253791825	0.868127181	1.392423895	1	0.995226744	0.894722572	
1.316808634	1.299722041	1	0.906639757	0.816722683	0.929583213	
0.953222419	1	0.966848096	0.564706947	0.382241665	0.96158112	1
1.372003111	1.872269115	0.602292969	0.72347716	1	0.938501955	
0.803446306	0.625555938	0.826110339	0.869862261	1	1.023466858	
1.47325054	0.778143518	0.58467509	1.606060492	1	1.322330471	
1.755035591	1.057158071	2.139415079	1.493239185	1.56211325		
YDL121c	YDL121c::YDL121C::molecular_function unknown					1
1.565805452	0.986700899	1.808346483	1	0.998152891	0.886265523	
1.651925956	1.608291508	1	1.146867232	1.057540387	1.070612487	
1.573253981	1	0.809781937	0.407095252	0.292533273	0.72877873	1
1.447295527	1.268592663	0.799027167	0.777633986	1	0.976316052	
0.914425106	0.567616491	0.838803393	1.049090394	1	1.109854345	
1.471448851	1.072088277	1.28043668	1.944752867	1	1.219454628	
1.4334031	1.009411133	1.805067758	0.946191183	1.253017939		
YDL135C	YDL135C::RDI1::Rho GDP dissociation inhibitor with activity toward					
Rho1p	1	0.869530761	1.232815655	1.024787515	1.797712779	1
1.046794733	1.297948792	1.212376909	1	0.859420283	1.13331284	
1.319345012	1.260266789	1	0.985691702	0.712432374	0.694937465	
1.383019461	1	1.22317343	1.478047043	1.973970664	1.228746807	1
0.937459	1.211242553	0.736905991	0.68901675	0.880794878	1	
1.067819213	1.581050547	1.554577838	1.517847855	2.017033859	1	
1.255650551	1.56841613	1.148688366	1.51474711	1.369356337	1.493814518	
YDL137W	YDL137W::ARF2::ADP-ribosylation factor 2					1
1.120954676	1.002124574	1.832845505	1	1.054838257	1.115143198	
1.581752298	1.520433051	1	0.942775632	1.080152242	1.435360959	
1.127927995	1	1.344994912	0.932821189	1.054987067	1.761569354	1
1.609060905	1.929886806	1.988517004	1.568527446	1	1.142165657	
1.294301045	1.062919126	0.9691939	1.07914585	1	1.332194985	
1.980113959	1.481598143	1.085188729	1.691404437	1	1.380013776	
1.713019688	1.191778399	1.802181495	1.6294238	2.118134378		
YDL139c	YDL139c::SCM3::Suppressor of chromosome missegregation					1
1.0973554	1.41656379	1.285390037	1.686086651	1	1.163435538	
1.216126735	1.360158942	1	0.970667436	1.354719784	1.314599604	

1.478701475	0.537953856	0.613266412	0.737160282		
0.398145123	0.35000254	0.296827796	1		
0.928332034	1	1.464136974	2.641917528		
1.082313245	1.095255392				
YDL141W	YDL141W::BPL1::Biotin:apoprotein ligase	1	0.907844819		
0.759769772	0.788161641	0.542975341	1	1.079397311	1.021402394
0.549849703	0.577324816	1	1.110762318	0.954184814	0.559189086
0.547522139	1	1.222019267	1.236655635	1.216561547	0.643267078
0.76124412	0.835482699	0.356040274	1	0.961599768	1.044877411
1.074454766	1.34196089	1.005121825	1	0.915458692	0.610476848
0.902974465	0.822210303	0.497526437	1	0.711963511	0.618103791
0.882376878	0.544924804	0.73235142	0.525374421		
YDL143W	YDL143W::CCT4::cytoplasmic chaperonin subunit required for actin cytoskeleton assembly or function	1	0.927430621	0.740725797	1.014146517
0.842834494	1	1.063272254	0.967318578	0.710368319	0.856846615
0.773278637	0.880190427	0.613056627	0.813871129	1	1.263674383
0.921643697	1.237851423	1.012318238	1	0.914483297	0.727175889
0.553069838	0.999109676	1	1.107719266	1.102543147	1.141619533
0.981054752	0.779375543	1	0.995226356	1.011419141	0.904329949
0.620488554	0.794867064	1	1.23130574	1.162218622	0.894387067
0.838526634	0.784970759	1.063883189			
YHL050C	YHL050C::YHL050C::molecular_function unknown	1	0.869241007		
0.835894498	1.006997286	0.461011943	1	1.167261745	1.125982629
0.715744052	0.61311061	1	1.034082608	0.870576984	0.422118605
0.773482455	1	0.76330602	0.668887523	0.82016609	0.598389656
0.536876074	0.420793851	0.503947038	0.734634162	1	0.835465428
0.918648767	1.410695577	1.023226432	1.0941353	1	0.725801617
0.662366726	0.833334724	1.254992806	0.932019247	1	0.738309231
0.724390871	1.712357294	0.747190497	0.946315633	0.709255442	
YDL145C	YDL145C::COP1::alpha subunit of the coatamer complex; gamma-alpha-COP	1	0.987050017		
1.092529886	0.570542833	0.528850497	1	0.952535808	0.833008879
0.380335291	0.734643937	1	1.013259723	0.838239902	0.946579845
0.724977116	1	0.693800828	0.559476504	0.305702761	0.639081133
1.181205097	1.026247124	1.222494499	1.494084263	0.929122727	1
0.872228763	0.53964824	0.701555319	0.706888341	0.565800002	1
0.766040554	0.729372771	1.061651081	0.689253092	0.694369817	
YDL159W	"YDL159W::STE7::Serine/threonine/tyrosine protein kinase of the pheromone pathway, homologous to MAP kinase kinase family"	1	0.833544789		
0.927780636	0.899807809	0.972982966	1	0.880898079	0.877524378
0.944239136	0.939520152	1	0.774168002	0.850301117	0.777512004
0.939703072	1	1.142957444	0.754517228	0.889635852	1.587707277
1.403721661	0.856688246	1.445649968	1	0.985767925	
0.83584738	0.919393389	1	1.084273943	1.037963074	1.037706051
0.89038073	1.059923379	1	1.03788732	1.194502432	
1.002925951	1.243386042				
YHR002W	"YHR002W::LEU5::mitochondrial carrier protein, involved in the accumulation of CoA in the mitochondrial matrix; homologue of human Graves disease protein; LEU5 does not encode an alpha-IPM synthase, as was first hypothesized."	1	0.898732818	1	
0.932016158	0.836504373	0.869552854	1	0.984614649	1.06598514
1	1.557629532	1.313670895	0.921461115	1.003814461	1
1.220450438	1.267032211	0.579908612	1	1.228673222	1.272069195
1.15655194	1.163832625	1.204028302	1.060713884	1.095323371	
0.908005929	1.446988464	1	1.165071085	1.204293506	1.220822849
0.624181236	1.643847415	1.056878183			

YDL161w YDL161w::ENT1::epsin N-terminal homology-containing protein 1
1.247353913 1.332489787 2.12029381 1.260740895 1 1.639633993
1.436081788 1.752351803 1.575071932 1 1.146735322 1.710278453
1.508437247 1.597759363 1 0.784037746 2.186059184 1.577646665 1
0.79322636 0.388939832 0.137887747 0.366285812 1 1.069842633
1.139694707 1.119301601 1.545994879 1.341067548 1 0.892790956
0.6080488 0.747480559 0.994004657 0.561912529 1 0.663208363
0.532983604 0.815819698 0.544872897 0.772474993 0.694369817
YHR004C YHR004C::NEM1::Nuclear Envelope Morphology 1 0.902434626
0.914377151 1.101506122 0.900913118 1 1.028198542 0.978016034
0.942543335 1 1.144253208 1.227071434 0.836015831 1.250622013 1
1.806964074 1.30169591 0.894683444 1 1.103483094
1 1.293616974 1.701606081 1.516132788 1.277545392 1.123267352 1
0.951725831 1.206846097 1.352152392 1.253757233 1.141621481 1
1.451701734 1.769853632 0.558013123 1.462016139 0.789812857
YHR006W YHR006W::STP2::Involved in pre-tRNA splicing and in uptake of
branched-chain amino acids 1 0.925932412 0.891424227 1.129039758
0.855598303 1 1.010636739 1.13121826 0.909258514 0.93438057 1
1.231444423 1.093825071 0.880005415 1.298999251 1 1.410664413
1.328908618 0.873318994 1 1.35046089 1.212601866 1.318821084 1
1.001062666 1.043127064 0.949044354 0.860349306 0.857976644 1
1.124065152 0.914495076 1.423492735 1.151132014 1 1.191892939
0.823428095 1.184778688 0.522017416 0.970922549 0.750409762
YHR008C YHR008C::SOD2::Manganese-containing superoxide dismutase
0.928136667 0.781584055 0.733247794 0.665139926
0.873513309 0.957271844 0.815499836 0.777317295 1
2.041026632 1.110577859 0.491278463 1
1.715332779 1.813706645 1.984237434 1.02827464 0.757010313 1
1.317972488 2.028050048 1.353196059 1.479888794 1.263494789 1
1.413895608 1.959414541 1.838572116 0.777663732 1.162852056 1.163704293
YHR010W YHR010W::RPL27A::Homology to mammalian L27 1 1.12962676
1.243478673 0.967435922 1.612703737 1 1.070530499 0.899494846
1.383847315 1.242605657 1 0.819908865 0.846107569 1.626849706
0.68088165 1 0.684578305 0.641223913 0.20020121 0.530580535 1
1.390600284 0.716176434 0.643992343 0.984555931 1 0.951818594
0.892492986 0.670754561 0.968868715 0.95948964 1 0.975808391
1.392060308 0.853264613 0.600913398 1.658425609 1 0.935900045
1.140598351 0.849493403 1.50125542 1.19306679 1.349336592
YHR024C YHR024C::MAS2::53 kDa subunit of the mitochondrial processing
protease 1 0.894292698 0.721212692 0.979457257 0.624119142 1
0.977932727 0.697721117 1 0.923570783 0.866603555 0.583939636
0.678764114 2.074566049 1.245023077 1.39114644
1.721802961 0.745852068 1.011637544 1.255639739 1 1.274599787
1.007571764 1.095322668 1.018478187 0.858800213 1 1.107946029
0.904312837 0.801717716 0.605261249 0.593363381 1 1.300084476
1.293152959 1.103822025 0.705486088 1.133014159 0.835345293
YHR024C YHR024C::MAS2::53 kDa subunit of the mitochondrial processing
protease
3.052873121
1.96887415
YHR026W YHR026W::PPA1::vacuolar ATPase V0 domain subunit c'' 1
1.28531641 0.899599287 0.762109091 0.856734015 1 0.794165798
0.847669349 0.888835899 0.884469006 1 0.934427825 0.866155962
1.00429251 0.754718736 1 0.973983499 0.673065148 0.753634035
0.920904322 1 1.119290354 0.868881128 0.995119383 0.827197344 1
1.065774069 1.134041556 1.109872371 1 1.264936834 0.742404081

	0.92006834	0.93208774	0.745230665	1	0.799509239	0.77243489	
	0.873699203	0.565099699	0.788013303	0.974569543			
YHR028C	YHR028C::DAP2::Dipeptidyl aminopeptidase B (DPAP B)					1	
	0.623173006	0.888750632	0.536321075	1	0.770034005	0.816859201	
	0.690210863	0.632927128	1	0.837386497	0.869193852	0.555251118	
	0.815699098	1	1.276460177	1.367983508	1.652725786	1.218053195	1
	1.392722011	0.994901426	1.316080658	1.361913007	1	0.907010111	
	0.999512557	0.625675592	0.538239852	0.895207884	1	1.161529341	
	1.731616315	1.354854201	1.22112353	1.903650732	1	1.085464561	
	1.576986698	1.074326711	1.223625969		1.34320725		
YHR030C	YHR030C::SLT2::Suppressor of <i>lyt2</i>					0.840969056	1.024936173
	1.101373826	0.865408599	1.012168639	1.012708194		1.025913539	
	0.993440769	1.184643045	1.216477216	1.157165038	1	0.984271939	
	1.206339913	1.262787519	1.25382543	1	1.490020804	1.45512228	
	1.750502079	1.100853755	1	1.303703125	1.272866742	1.441217289	
	1.246418482	1.14788698	1	0.837204295	1.047647025	0.99951107	
	0.637778388	0.55232892	1	1.117513693	1.255934077	1.043211876	
	0.789978052	1.009407501	0.872121497				
YHR030C	YHR030C::SLT2::Suppressor of <i>lyt2</i>						1.021910989
	0.718798121	4.019114294					
YDL163w	YDL163w::YDL163W::molecular_function unknown					1	1.225347467
	1	1.77317607	1.840705325		1.179502952	1	
	1.139029399	0.991667232	0.6803626	1.618293086		0.575761674	
					0.981484476	0.996794232	
	1	0.957238013	0.771757754		1.031422226	0.608197438	1
YDL165W	YDL165W::CDC36::Required for Start B in mitosis and for meiosis I spindle pole body separation						
	1.448968994	1.553692995	2.075031974	2.072084333	1	1.21184306	
	1.488800974	2.241281105	1.563878214	1	0.851352479	0.629578453	
	0.57276005	1.042318748	1	1.268281623	1.744872187	1.027486325	
	1.007616483	1	1.3275409	1.270521628	1.205203854	1.040500934	
	1.161713532	1	1.167089196	1.232040109	1.305695496	1.049623998	
	0.974215277	1	1.193718255	1.283664777	1.006854752	1.263469001	
	0.970985033	1.28629164					
YDL167C	YDL167C::NRP1::asparagine-rich protein					1	0.731644591
	0.613844674	0.980192404	0.821697905	1	0.741123845	0.726677045	
	0.791116915	0.86057858	1	0.394927429	0.35784737	0.249606485	
	0.856800683	1	0.182019387		0.209164086	0.437802313	1
	0.219832919	0.323956584	0.187047205	0.479447754	1	0.588687367	
	0.493345856	0.578395585	0.78995861	0.803929757	1	0.549911954	
	0.498189321	0.44516722	0.860294218	0.552964932	1	0.493362757	
	0.566513238	0.932757905	0.811684887	0.514219329	0.661096116		
YDL169C	YDL169C::UGX2::Product of gene unknown					1	1.205257899
	1.705628304	1.622712899	1.549613568	1	1.473916001	2.100989895	
	1.777030983	1	1.495721981	1.936379918	3.274126165	1.670948249	1
	3.045005744	2.537004622	2.558470967	3.218299876	1	1.471901832	
	2.508368955	2.708989463	1.011970272		0.801165247	1.243461706	
	0.57494611	0.719567719	1	0.833214179	1.315707167		2.111911485
	1	1.301963149	1.639585817	1.701861426		1.433396457	
YDL183c	YDL183c::YDL183C::molecular_function unknown					1	
	1.64984492	1.541090867	1.689653281	1	1.547333041	1.520732181	
	1.543936133	1.793079169	1	2.520827379	1.906741765	1.863151153	
	1.663621897	1	1.313282357	1.520184382	1.323022261	1.351299814	1

	2.790113544	5.388292944	5.112069119	1.99998989	1	1.419438233
	1.170614535	0.940159386	0.839930715	0.939405122	1	1.352453266
	1.737920808		1.371912966			0.846665068
	0.77382794		1.036738829			
YDL185W	YDL185W::TFP1::Encodes a protein with three regions (ABC) that is spliced to yield the extein AC & the intein B; AC is a 69K vacuolar (H+)-ATPase & B is a 50K site-specific endonuclease named VDE (PI-SceI) that is homologous to HO					
1	1.066808332	0.817915418	1.155435289	0.715864374	1	1.301385631
	1.475784068	0.809170895	1	1.02200018	0.905227362	0.643258323
	0.837052242	1	0.974756635	0.723429365	0.77445263	0.495279107
	0.562404023	0.432833509	0.461200805	0.455597447	1	0.878059919
	0.669074529	0.778013146	0.941069199	0.685107018	1	1.075333616
	0.675141141	0.90672567	0.784711506	0.496679517	1	0.839122522
	0.716939221	0.686616644	0.684253006	0.763706411	0.774927232	
YDL187c	YDL187c::YDL187C::molecular_function unknown					
1	1.492861896	1.462498773	1.583425696	1	1.504059872	1.409390238
	1.454508023	1	1.022538926	1.301625443	1.649562201	1.320501101
	1.239723889	2.212069412	1	1.210995802	1.994056349	
	0.958588638	1	0.840286579		1.044430286	0.971723883
	0.706418024	1.053944512	1.405830563	1.378173813	1.572036919	1
	0.901070964	1.432199483	1.514732981	0.959719608	1.693136803	1.205734225
YDL189w	YDL189w::RBS1::RNA-Binding Suppressor of PAS kinase					
1	0.64776305	0.759191556	0.763721638	0.592509141	1	0.837697172
	0.856647444	0.628342747	0.667897789	1	0.787279957	0.779463423
	0.664202847	0.690718122	1	0.838805129	0.766244666	0.674279438
	1.206889752	1.107961102	0.875867796	1.492067808	1	0.98583359
	1.044587589	0.997691933	0.974699068	1.110596318	1	1.026330443
	0.801872472	1.267150057	1.187923894	1.009572078	1	0.758958248
	1.213585679	0.845075016	0.910965752	1.056002518		
YHR032W	YHR032W::YHR032W::not yet annotated					
1	0.881903985	0.312029603	1	0.789540102	0.822626293	0.567246968
	0.662736429	1	0.710497775	0.43400535	0.277663403	0.740380926
	0.313309368	0.194070121	0.323828055	0.359702474	1	0.658706938
	0.535700567	0.511506811	0.400299717	1	0.445257015	0.517611791
	0.485402484	0.363867487		0.850701175		1
	1.276713069	1.26520097	0.960954739	0.951446521		32.8359
YHR032W	YHR032W::YHR032W::not yet annotated					
				0.817142899	0.760251203	
	1.129531538	1	0.952604494	0.696073402		2.048731485
	0.577232917		1.216123699	0.539384381		
YDL191W	YDL191W::RPL35A::Homology to rat L35					
1	1.215824645	0.757124157	1.637655886	1	0.868180324	0.831498622
	1.208144848	1.173080121	1	0.789873475	0.811277853	0.837947094
	0.87799706	1	0.732597523	0.270437435	0.178671314	0.772302418
	1.618065312	1.04908678	0.785825363	0.796421765	1	0.817981408
	0.899627068	0.541681952	0.681969325	0.878122922	1	1.424576236
	1.778758912	1.229488501	1.130009105	2.531645018	1	0.977448845
	1.341486293	1.106353226	2.048982216	1.194994131	1.274032958	
YHR034C	YHR034C::YHR034C::molecular_function unknown					
1	0.95521135	0.736488621	0.774116206	1	0.832774177	0.92788883
	0.918178252	1.091332642	1	1.002981255	0.964293051	1.649640792
	0.952971632	1	1.292405912		0.767395659	1.582160182
	1.052472014	2.003766299	1.199002165		0.788611334	1.537990075
	1.022449876	0.603786215				1
			3.232803731			

YHR034C YHR034C::YHR034C::molecular_function unknown 1 1.302189287
1.474782716 1.417547087 1.352403164 1.39739922 1 1.01760856
1.371363178 1.061155819 1.260287473 0.976297842 1 1.574788264
1.604046222 1.616368736 1.360261146 1.04024128
YDL193w YDL193w::YDL193W::molecular_function unknown 1 0.819617347
0.917760817 0.986275471 0.81944711 1 0.950559675 0.985956262
0.719121638 1 0.898552444 0.964102825 0.86081202 0.887258208 1
1.37031138 1.058235617 0.971595818 1.003367675 1 1.84824956
1.113882577 0.944796345 1.738747472 1 1.257844767 1.274999117
1.458423878 1.210927634 1.092523718 1 1.158808208 1.234055158
1.531754869 1.056017383 0.947050991 1 1.118419685 0.941002474
1.013694783 0.837507811 0.921537751 0.985952665
YHR047C YHR047C::AAP1':::arginine/alanine aminopeptidase 1 1.003239788
0.843819005 1.01250289 0.531188618 1 1.052182623 0.920352662
0.8108635 0.587431997 1 1.246151511 0.984126999 0.3835567
0.57474042 1 1.169232308 0.802129486 0.651056704 0.480581591 1
1.169306883 0.643400694 0.474642557 0.621562301 1 1.121856816
1.232648718 0.937079135 1.070014643 1 0.861944251 1.146210054
1.420630188 1.185384704 1.855343029 1 1.122819552 1.119173455
1.311917493 0.318600251 2.300146915 1.346709701
YHR049W YHR049W::FSH1 1 1.257710937 1.178404081 1.088603964
1.566371846 1 1.143313263 1.114649361 1.536689476 1.486439651 1
0.995787524 0.84548184 0.91543782 1.066404666 1 1.134419068
0.808861913 0.806695159 1.191809969 1 1.292711285 0.907178937
0.618491408 0.993310234 1 1.193858889 0.877773523 1.045755242
1.331497449 0.756812638 1 0.588054348 0.764732768 0.58983164
0.332776155 0.459694238 1 0.867626047 0.838405598 0.867547885
1.089366364 1.006079884 1.01222136
YHR051W YHR051W::COX6::subunit VI of cytochrome c oxidase
1.174647793 1.208285886 1.036521327 1.522296744 1.300321873
1.075315948 1.208381761 1.281152932 0.64139623 0.77742201
1.127666159 0.760674463 1 0.91110142 0.624914838 0.786412924
1.642504365 1 1.612933878 1.036249928 1.607512227 1.609642587 1
0.765440371 0.795723581 0.740292944 0.772815527 0.904415134 1
1.079504355 1.320060133 0.905372147 1.092663553 1.483069711 1
0.996488115 1.135479993 1.04236408 1.600009161 1.007862314 0.951803299
YAL021C YAL021C::CCR4::carbon catabolite repression; transcriptional
regulator for some glucose-repressed genes including ADH2 1 1.104860005
1.093097148 1.053444703 0.753977173 1 1.154549338 1.271780757
1.070177506 1.052404832 1 1.227592243 1.19493304 1.228822612
1.154965558 1 0.877174645 0.734204285 0.706026273 0.561755632 1
0.910947663 0.945470322 0.891324862 1.059723668
0.912855884 1 0.915384494 0.700729056 0.940348463 0.851503841
0.536740195 0.837435399 0.94676342 0.722958828 0.877616024
0.823962171
YHR053C YHR053C::CUP1-1::copper-binding metallothionein 1 0.936602572
1.392864888 0.789358382 1.432626961 1 0.852119021 0.884999772
1.61344811 1.1897433 1 1.464235741 1.489992288 1.306383872
0.87597897 1 0.99739887 0.540545751 0.340132424 0.633748994 1
2.643953236 2.470962387 1.759998663 1.690488254 1 0.923657454
0.95004952 0.92548837 0.936417763 0.851565858 1 1.007098945
0.989888501 1.159717165 1.814045102 1.558551879 1 0.874625109
0.772214786 0.852650902 0.861845912 1.044003765 0.679484244
YHR055C YHR055C::CUP1-2::copper-binding metallothionein 1 0.897089639
1.320800419 0.668407604 1.214436017 1 0.720039963 0.671184009

1.440581961	0.983758417	1	1.400755173	1.449390021	1.25141552	
0.728276338	1	0.664508137	0.507632387	0.359144493	0.484588508	1
2.490736434	4.850407465	3.408782931		1	0.809915639	0.712993387
0.646959188	0.850205386	0.969257728	1	0.690715374	0.895401086	
0.415678968	1.303071018	1.311795368	1	0.725613393	0.727149074	
1.131132236	1.386257989	0.680034823	1.313436			
YHR057C	YHR057C::CPR2::Human cyclophilin B protein			1	1.558144798	
1.619070289	1.395770333	1.820448566	1	1.320083321	1.363555242	
1.751786101	1.918969186	1	1.150987461	1.63271435	2.285377942	
1.605322212	1	1.502901802	1.187698955	1.520765008	2.063027304	1
1.202657372	1.313506984	1.357155335	1.190732769	1	0.874232517	
0.94191328	0.810455946	0.952994773	1.011356357	1	0.816551535	
0.89095137	0.724757745	1.180422714	0.657869265	1	1.063598737	
0.814386725	1.093239696	0.909586763	0.931596754	0.781932238		
YHR071W	YHR071W::PCL5::PHO85 cyclin		1	1.328248938	1.308122982	
1.063489607	1.450454583	1	0.954022986	1.150745595	1.060226155	
1.336597372	1	2.761711787	2.035506467	1.658737727	0.948518892	1
2.346404617		1.130967619	0.907634264	1	2.538594732	2.016115504
1.351928999	0.446183238	1	0.899788733	0.960292014	0.944029579	
0.846136302	1.009163225	1	1.053393715	0.977964337	0.628928737	
0.838298057	0.833275481	1	1.138366964	1.251423198	1.121133442	
1.143879172	1.074439002	2.018313378				
YHR073W	YHR073W::OSH3::Oxysterol Binding Protein		1	0.812692479		
0.852947216	1.29911667	0.816628383	1	1.080232727	1.152754641	
0.994858978	0.801560481	1	1.120835408	1.078388378	0.629069923	
1.107191049	1	1.513211994	1.172059582	1.114469788	0.762784262	1
0.879241809	0.659597102		0.66163274	1	0.941978816	1.069555759
0.862834517	0.863433434	1.016520114	1	1.15481037	1.312535066	
1.055783806	1.098981723	1.216995806	1	1.003519522	1.239444183	
1.161746474	1.098994736	1.05068443	0.851982143			
YDL207w	YDL207w::GLE1::Polyadenylated-RNA-export factor; the HIV Rev protein may mimic function of Gle1		1	0.700500898	0.809867079	0.864311122
0.977694245	1	0.866620902	0.914409452	0.772239942	0.918481916	1
0.796805784	0.864203609	0.787664564	0.926255519	1	1.14304509	
0.730705842	0.93164271	1.142249457	1	1.698968629	1.262465764	
0.815293731	1.059902026	1	0.802683951	0.92669378		
0.803618707	1	0.995053813	0.837969632	1.027341484		1
0.888985132		1.069064917	1.037025495	0.879126451		
YDL209c	YDL209c::CWC2::Complexed with Cef1p		1	0.764670986	0.9274526	
1.01969668	1.056491534	1	0.905869322	0.931833119	0.840168668	1
0.612222255	0.639373669	0.607649812	1.015582845	1	0.488949277	
0.620464554	0.938127936	1	0.757456881	1.055176357	0.573923929	
0.871923402		0.875952626	1.245878143	1.106144049	1	
0.672179145	0.768442422		1.083054336	1	0.568594689	0.504942949
0.885577408	0.634134694	0.864027423	0.682111082			
YDL211c	YDL211c::YDL211C::molecular_function_unknown		1	0.928544388		
1.022113215	0.920493101	1.073993796	1	0.870159849	0.901376281	
1.006067965	1.002880342	1	0.713402223	0.525371414	0.689450493	
1.150972739	1	0.375909464	0.264710565	0.509101114	0.889008109	1
0.817038764	1.640412315	0.853357203	0.718904482	1	0.589692804	
0.738001065	0.761975992	0.880851926	1	0.848688828		
1	0.75596314	0.771168646	0.660592684	0.540758561	1.135684372	
YAR035W	"YAR035W::YAT1::Outer carnitine acetyltransferase, mitochondrial"		1			
0.961684362	0.926475122	1.009595017	0.925689935	1	0.923492642	
0.914774773	1.120988739	1.159009446	1	0.933075262	1.176333699	
1.464587482	1.118606292	1	1.611225217	1.50741967	2.108206798	
1.581224778	1	1.627242606	1.686885566	1.778223523	1.264457909	1

1.226564365 1.111267264 1.480134523 1.321375427 1.377025882
0.866522527 0.672782543 0.849812295 0.756670365 1 0.838519154
0.901646655 0.815243038 0.877054335 1.263525396
YDL213c YDL213c::FYV14::Function required for Yeast Viability on toxin
exposure 1 0.616246555 0.799792073 0.686889181 1.030504886 1
0.677303547 0.57189543 0.870637263 1.004194013 1 0.685158328
0.470462054 0.446188009 0.985479911 1 0.629751564 0.284950787
0.327627869 0.535219416 1 1.231885489 0.683310961 0.417185038
0.610837789 1 0.947007839 1.04403185 0.711949402 0.772484009
1.309032907 1 1.435237533 1.110781102 1.243116749 1.822727377
2.638265336 1 0.820476604 0.777565209 0.620961962 1.085334319
0.454097785 1.15144561
YCR027C YCR027C::RHB1::rheb homologue 1 1.030419878 1.030957061
0.963984865 1.105748704 1 0.976254697 0.921508869 0.945597329 1
0.835080709 0.896299522 0.870912056 0.910998946 1 1.047474455
1.004964321 1.060556153 0.71230553 0.67604047 0.745773913 1
1.110405395 1.199580428 1.252180841 1.135523035 1.161457727 1
0.806523764 0.959490389 0.6664105 1.017587438 1 1.169086543
1.195702963 1.08098857 1.053298627 1.508708888 0.970191427
YDL215C YDL215C::GDH2::NAD-dependent glutamate dehydrogenase 1
0.918287515 0.934145506 1.252505059 0.789593426 1 1.165179439
1.144251257 0.918043983 0.860917213 1 0.933418945 1.052132079
0.936787962 1.093748321 1 1.0619124 0.990833647 1.340216214
0.675664005 1 1.045544154 1.387515242 1.249921669 1.245767204 1
0.761404795 0.686074469 0.836321381 0.991835506 0.934725611 1
0.770598401 0.719557446 1.032729095 1.000577523 1.145560974 1
0.863309428 0.785865727 0.898680383 1.080199883 1.207919688 1.074390646
YDL217c YDL217c::TIM22::Mitochondrial inner membrane protein involved in
import of proteins of the ADP/ATP carrier (AAC) family 1 0.920179115
1.122431176 1.044806889 0.944639984 1 0.985878527 1.028502171
1.090653792 1.226077096 1 0.89744502 0.794630681 1.009076581
1.045872793 1 0.795550426 0.715635083 0.55541518 1.443093017
0.644948541 0.531866951 0.69033008 1 1.164221189 1.158739273
1.242429848 1.247719299 1.277590148 1 1.054963515 1.217635071
1.036438567 1.020486886 1.219621309 1 1.003904267 1.213251642
0.851378417 1.043000017 0.80896046 1.023604482
YCR054C YCR054C::CTR86::CTR86 shares a terminator region with THR4. CTR86
contains aGCN4 responsive site suggesting it may also be involved in amino acid
biosynthesis. 1 1.30200586 1.208798862 1.427819895 1.335271833 1
1.163583539 1.309958808 1.409947696 1.326774008 1 0.973102548
1.136871965 1.357575884 1 1.185815219 1.237646617
1.027785131 1 0.797708168 1.064980784 0.651188715 0.727838379 1
0.739929108 0.660671937 0.641147898 0.778038516 0.747089104 1
0.826722179 0.774313723 0.52834284 0.836923239 0.916232509 1
0.946191596 0.981743096 0.819435684 1.180050182 0.880227653 0.895763354
YDL231c YDL231c::BRE4::contains several putative trans-membrane domains 1
0.963947521 0.922895086 1.367702364 0.936417741 1 1.208655407
1.176758878 0.974431167 0.907690694 1 1.303102767 1.079995386
0.67199498 1.122237769 1 1.015223849 1.129729428 1.076465034
0.48394045 1 0.427108908 0.248585527 0.216344603 0.56100197 1
1.088748762 1.084332018 1.373506924 1.200853781 1.199254043 1
1.104975271 1.156523899 1.617048493 2.590592165 1.788026771 1
0.935087142 1.339549268 1.567727912 1.021480995 0.788013303 1.083146878
YIR032C YIR032C::DAL3::ureidoglycolate hydrolase 0.810186837
0.815393711 0.704431975 0.953515784 0.710697351 0.715046707
1.091581884 0.827063539 0.935021832 1.216477216 1.123879374 1
1.749188194 1.924374478 3.34226146 1 1.605780816 1.948824396

2.508495144	2.305966904	1	1.062009251	1.121236362	1.137525816	
1.346576312	1.30123184	1	0.836197346	0.657907984	0.724439501	
0.869597478	0.601607257	1	0.743799633	0.563142021	0.843043439	
0.498064412	0.893798907	0.67072796				
YDL233w	YDL233w::YDL233W::molecular_function	unknown	1	1.04177606		
1.078295516	0.96838056	0.950937368	1	1.061751534	1.125761791	
0.899725668	0.853731631	1	1.142653233	1.142656362	1.179660952	
0.901187101	1	1.182634757	1.016914566	1.15321991	1.098165298	1
1.391301065	1.450121047	1.005161444		0.86964091	0.785102039	
0.969912938	0.93562055	0.963570075	1	0.900280851	0.831089419	
0.852402562	0.78685861	1.263628383	1	0.578257724	0.655098231	
0.74411443	0.99617761	1.094297668	1.158450512			
YNR016C	YNR016C::ACC1::acetyl-CoA carboxylase		1	1.144146629		
0.890619034	1.368133697	0.748781697	1	1.486617012	1.320352088	
0.733031806	0.802608954	1	1.093109032	1.074897099	0.583730628	
0.953874811	1	0.609897254	0.683919517	0.659295396	0.563544127	1
0.410119737	0.511939213	0.262760352	0.392261398	1	0.830308782	
0.74830394	0.955657357	1.238705443	0.738835496	1	0.722228371	
0.500922465	0.694524637	0.634107679	0.394597792	1	0.616922949	
0.491687547	0.939009857	0.624639024	0.467379246	0.942171402		
YDL235c	YDL235c::YPD1::Ypd1p is an intermediate protein between Sln1p and Ssk1p in the phosphorelay reaction.		1	1.073162247	1.280070844	1.049826738
1.414625513	1	0.924247695	0.957325218	1.53233059	1.364407093	1
0.855135291	1.121517759	1.396393149	1.209870804	1	1.238491122	
1.038096607	1.001768025	1.635344268	1	1.44625535	1.725298444	
1.677978375	1.075481443	1	1.068701265	1.1010961	0.62154832	
0.775783523	1.011532701	1	1.205524632	1.487525805	0.905847824	
0.852561251	1.751893489	1	1.029067709	1.031006169	0.764140689	
1.338076658	0.939876306	2.021815829				
YOL016C	YOL016C::CMK2::Calmodulin-dependent protein kinase					
0.922233979	1.003298638	1.019749153	1.009317057		0.831770108	
0.851246024	0.927485984	0.890859672		1.048899846	1.219547698	
1.34151377	1.064161055	1	1.612295238	1.683514323	1.404304827	
2.034825483	1	3.178414173	4.050948757	3.319384034	3.254997135	1
1.175130694	1.36728974	1.371769018	0.855370103	1.151048706	1	
1.833229969	2.394845461	1.364813502	1.667425983	1	1.40097208	
1.368616527	1.460786035	0.87503727	0.912225647	1.017475036		
YDL237w	YDL237w::YDL237W::molecular_function	unknown	1	0.960085048		
0.918971801	0.995667041	0.97186065	1	0.941782288	1.052273333	
1.00206009	1.01378602	1	0.947999675	1.026217564	1.02302043	
0.968206145	1	1.775259643	1.214598071	1.681090388	1.309501042	1
1.205662013	0.985016728	1.497451477	0.961091763	1	1.038580499	
0.988772537	1.22322452	1.35109745	1.221882204	1	1.516889376	
1.035795821	0.864521948	0.963889031	0.53909851	1	0.929190272	
0.746769086	0.846268118	0.750189219	0.809652102	1.361595274		
YOL110W	YOL110W::SHR5::Involved in RAS localization and palmitoylation				1	
1.196426749		0.328599857	1	1.127679914	0.601325395	
0.559265759	1	1.091353407	1.188360017	1.59389373	0.596955174	1
	0.820886158	1.019259543			1	
1.102567184	0.796672286	1.237996453	1.290631948	0.996318676	1	
0.725742296	0.797060044	0.720110932	0.855745382	0.85595111	1	
1.123837373	0.846105937	0.903049308	0.685673687	1.004511712	1.09190311	
YPL242C	"YPL242C::IQG1::Homolog of the mammalian IQGAP1 and 2 genes; probable regulator of cellular morphogenesis, inducing actin-ring formation in association with cytokinesis"		1	1.070060838	0.956451208	1.199161901
0.950817586	1	1.303031216	1.036723865	0.957411527	1	
0.909314611	0.902748507	0.575441874	1.004190584	1	1.024235327	

1.031205597 0.651965171 1 0.396259266 1
0.910138867 0.6583355 0.755051092 1.006761832 0.82287993 1
1.085789266 0.688140364 0.581300508 1.019611536 1.13828417 1
0.897698284 0.773861724 0.966234171 1.095890125 1.044238498 0.860738375
YBR218C YBR218C::PYC2::converts pyruvate to oxaloacetate 1
1.547574032 1.132142852 2.054857331 1.01633105 1 1.666169686
1.762709407 1.09705084 1.080432601 1 1.705387105 1.413539583
0.862989372 1.557201129 1 0.961174144 0.912565713 0.602287949 1
0.759929981 0.762330242 0.456262383 0.521736324 1 1.083852525
0.892805007 1.104293846 1.357326561 1.171740852 1 0.84123421
0.514721693 0.67327705 0.837847634 0.635832278 1 0.726571807
0.675777095 1.089061391 0.727164887 1.157214241 0.744280421
YAL053W YAL053W::YAL053W::molecular_function unknown 0.959172554
0.860946388 0.920234173 0.999527376 0.944367805 0.958887514
0.96458542 0.924313386 0.765576309 0.81973065 0.715162379
0.885618562
0.669131525 0.923437938 0.708744711 0.862141694 1 1.07376537
0.851874626 1.380230871 0.752715386 0.862686932 1 1.078574975
0.99643975 0.949149755 0.988418164 0.874223323 0.808200933
YDL239c YDL239c::ADY3::Accumulation of dyads 1 1.000876629
1.226502678 1.577222117 0.990817687 1 1.222624991 1.468062563
1.26106846 0.942279888 1 1.482386973 1.564233903 1.290470389
1.33077671 0.638138718 0.613516021
0.745852068 0.514214371 1 1.016187995 1.309843353
1.046695908 0.934510831 1 0.941192212 1.390222696
0.702218535 0.609168001 0.91548272 0.584224722 1.172460524
YDL241w YDL241w::YDL241W::molecular_function unknown 1 1.144471809
1.17553138 1 0.972911867 0.871317511 1.311943777 1.029690808 1
1.021259902 1.08605476 0.885525404 0.809104842 1
0.834048488 1 1.65233347
0.880589492 1.242933439 1.490774065 1 0.953590056 1.214044978
0.697168369 2.421223463 0.854479523 0.694432215
1.174615417 1.228191911 1.043743836
YDR007W "YDR007W::TRP1::Note that the sequence of TRP1 from strain S228C,
which is the sequence stored in SGD, contains an ochre mutation at codon 67." 1
1.099413819 1.147085213 0.967651842 1.334862426 1 0.974548694
0.96866509 1.387050144 1.400617066 1 0.929348602 0.917682298
1.277278256 1.219701643 1 1.521033246 0.861022269 1.106643585
1.455224576 1 1.49481536 1.403642023 1.762629635 1.217994162 1
1.072356033 1.085787416 0.905426878 1.111124693 1.145442653 1
1.065070233 1.056724177 0.64680518 0.659835734 1.11017892 1
1.000164677 0.935782107 0.805006278 1.405789464 1.118395162 1.252142274
YAL055W YAL055W::PEX22::Product of gene unknown 1 1.360549838
1.790615682 1.412835444 2.277869822 1 1.370166781 1.417196507
1.679320569 1 1.483130679 1.516560824 2.566884345 1.586697801 1
1.336991443 1.213863841 1.443204653 1.68780131 1 1.048596564
1.589811849 1.562011848 0.816009094 1 1.147850058 1.010785618
1.006141791 1 0.897861227 1.134366635 1.211124445 1
1.092380927 1.092588129 1.226777571 0.993310803 1.378232177
YDR009W YDR009W::GAL3::Involved in galactose induction of GAL genes 1
1.393748931 1 1.717344816 1
1.446865213 1.462842988 1.398482481 1 1.079360869
1.397821035 1 0.694652629 0.697703087 0.514957482 0.377660485 1
1.014692802 1.174844301 1.293123542 0.994655288 1 0.87037387
1.032002776 1.078672108 1.208456682 0.612452735 0.834574424
1.108380495 0.642801323 0.787031036 0.818708442

YDR011W YDR011W::SNQ2::ABC transporter 1 1.006345959 0.926300419
1.216670722 0.709833351 1 1.181986941 1.162834369 0.692914317
0.63823808 1 3.370157686 1.475747668 0.677616155 0.901958215 1
1.826697228 1.614232099 1.371272595 0.59433493 1 0.825081434
0.690611181 0.427342994 0.472555092 1 0.986836827 0.821620315
1.012399837 0.83847871 1 1.68278129 0.642297306 1.105593339
1.107946348 0.523155463 1 0.905226019 0.596372923 0.665691888
0.479259791
YAL058W YAL058W::CNE1::Functions in endoplasmic reticulum protein quality
control 1 1.235056825 0.848208598 1.116612273 0.79967865 1
1.019856935 0.94226583 0.917843043 0.987389216 1 0.967458622
0.858708668 1.218531214 1
1 1.176736396 1.489028443 1.370200798 1.142690575
1.148332352 1.369860484 0.770706381 1 0.89099064
1.170518462 0.752555184 0.831791816 0.886131457
YDR013w YDR013w::YDR013W::molecular_function unknown 1 0.984992004
1.24155624 0.848611796 1.752036689 1 0.78477021 0.937250254
1.531482552 1.283454904 1 0.78517653 0.785392702 1.105001804
1.137592061 1 0.653531589 0.513259244 0.644845993 1.026319014 1
1.641524633 1.558942657 1.484786767 1 0.990885745 1.084324169
0.677599959 0.698647061 1.106396439 1 0.662832302 1.157715803
0.891401482 1.533941053 1 1.024632542 1.262939667 0.899736097
1.605977788 1.433380903
YDR015c YDR015c::YDR015C::molecular_function unknown 0.882832788
1.136825333 1.200431904
1.556529932 1.050455152 1 0.824301904 0.9697299 1
0.984623592 0.991715089 1 0.665370691 0.896221002
1.087107326 0.766965871 1 1.351069931 1
0.43024762 1.158171928 1.24344305 0.908828982
YOL109W YOL109W::YOL109W::molecular_function unknown 1 0.997325486
1.507690696 0.818237535 1.664650945 1 0.960383134 0.715420808
1.526186467 1.222308224 1 0.837808455 0.869734909 0.877328254
0.978904761 1 1.219703239 0.707263106 0.517101567 0.896913826 1
1.878370772 1.664067889 1.169001001 1.340515589 1 0.814366598
0.792823693 0.480989827 0.849918121 1.088412004 1 1.162511193
0.976771135 0.491204204 0.782579526 1.867030993 1 0.959538682
0.70875078 0.523546471 1.637997708 0.655637047 1.650551232
YDR017C YDR017C::KCS1::Converts inositol hexakisphosphate to
diphosphoinositol polyphosphates. Contains two leucine heptad repeats. Essential
for biogenesis of the yeast vacuole and the cell's responses to certain
environmental stresses. 1 1.103755999 0.957804145 1.374996204 1.074974495 1
1.285188448 1.217573793 1.052081574 0.875091812 1 0.847727597
0.910590682 0.68248258 1.145571872 1 0.90504183 0.903559419
0.904371625 1 0.767383198 1.001129992 0.926952255 1
0.893521896 0.789234148 0.912486082 0.859397145 0.931097816 1
1.17030354 0.808723251 0.819796268 1.108393962 1 0.999961756
0.815660258 0.771887805 0.742952561 1.344082811
YAL002W YAL002W::VPS8::involved in vacuolar protein sorting; required for
localization and trafficking of the CPY sorting receptor 1 1.128397993
1.005682485 1.282091822 0.871892011 1 1.260623382 1.31968412
1.088845091 0.798308296 1 1.25531737 1.274239096 0.729028731
1.120425182 1 0.780647932 2.306977114 1.687849883 0.478440895 1
0.558401793 0.326714851 0.304262057 1 1.100952558
0.902634145 1.353816552 1.180499884 1 0.920805464 0.604000092
0.845505583 0.954537608 0.587726979 1 0.901885352 0.614315596
0.987068238 0.579488954 1.086533647 0.653215497

YDR031w YDR031w::YDR031W::molecular_function unknown 1 1.581321731
1.961977788 1.576115797 2.512631046 1 1.396107837 1.526753191
2.443527923 2.452385191 1 1.33122349 1.714576708 3.303524521
1.943447824 1 1.540730113 0.682724744 1.110645839 1.891863121 1
2.906967219 2.901016181 1.510257711 1 1.049891662 1.546016612
0.899839365 0.775469954 1.054075149 1 0.896208745 2.023004479
1.502648045 1.528240299 2.442511069 1 1.102871367 2.025739323
1.018284751 1.771394626 2.134261456 1.580501274
YAL004W YAL004W::YAL004W::molecular_function unknown 1 1.654497292
1.205805582 2.006697742 0.844157583 1 1.84452588 2.262394129
0.999200615 1.066515159 1 1.77982254 1.893413636 1.385067722
0.90085086 4.453475918 5.131414465 6.533977089 1
0.817113036 0.336527375 1.320846644 1 0.944165908 0.707252739
1.269381312 0.924856809 0.771196451 1 1.27993162 0.573321443
0.562439606 0.244133034 0.092117398 1 1.034496131 0.501219201
0.503258571 0.235664753 0.586254211 0.859862762
YDR033w "YDR033w::MRH1::Membrane protein related to Hsp30p; Localized by
immunofluorescence to membranes, mainly the plasma membr. punctuate
immunofluorescence pattern observed in buds. The nuclear envelope, but not
vacuole or mitochondrial membranes also stained" 1 1.529859722
0.73479047 1.017832918 0.908213679 1 1.203452349 1.10040086
0.696633076 0.989585594 1 1.136365174 0.800509816 0.471749777
0.717025418 1 1.691491368 1.125465872 1.145452099 0.552543301 1
0.727337995 0.481963065 0.599547082 0.691776894 1 1.253805199
1.187331575 1.677514832 2.050370306 1.444328565 1 1.201920697
0.885726759 1.197918696 1.073268912 0.669867816 1 1.332447198
0.791396464 1.045884281 0.722854569 1.17683864
YAL007C YAL007C::ERP2::Emp24p/Erv25p related protein 2 1 1.30473275
1.180167686 0.938218125 1.358398592 1 1.093613759 1.065199221
1.039094425 1.013619244 1 0.963788554 1.008481535 1.266908921
0.972263098 0.970736772 0.601597131 0.613266412 0.576250281 1
1.004331659 1.10158138 0.857182691 1.041617609 1 1.122279344
1.215626594 1.016801253 1.022044146 0.941744489 1 1.034219315
1.527429122 1.26609475 1.011785595 1.168722554 1 0.885909201
1.291544854 1.076016903 1.244543354 1.371166424 1.684700598
YAL009W "YAL009W::SPO7::dispensable for mitosis, but required for a normal
mutation rate, required for premeiotic DNA synthesis, recombination, meiosis I,
meiosis II, glycogen degradation and spores" 1 1.415847497 1.278077121
1.242529127 1.594641665 1 1.131481417 1.219050358 1.349826189
1.50171364 1 1.22990452 1.261523711 1.561495657 1.228439761 1
1.122468424 0.8990707 0.908981798 0.80608526 1 1.086576723
1.922027298 1.991326811 1 1.216029516 1.270542649 1.250851127
1.267293714 0.997889677 1 0.883089639 1.197099999 1.29070754
0.974711191 1.855383571 1 1.0707038 1.096945075 1.048769299
1.123846064 1.351784964 1.182967981
YAL011W YAL011W::SWC1::Hypothetical ORF 1 1.231546177 1.159593589
1.193657021 1.090979873 1 1.171684114 1.16991737 1.156415812
1.169279033 1 1.187043796 1.210527093 1.055021346 1.232232292 1
1.119532319 1.079730862 1 1.281608693 1.333192156
1 0.925344215 1.018744008 0.991590008 0.872962712 1.048286111
0.907270246 1.098290011 1.166267624 1 0.813059999 0.966249395
1.026245934 0.576671466 1.142509556 1.030609488
YAL013W YAL013W::DEP1::Regulator of phospholipid metabolism 1
0.643974064 0.854573659 0.674176907 0.423638969 1 0.824272527
0.870399321 0.758713193 0.724862117 1 1.093296495 1.108577376
1.171611315 0.686740875 1 0.920470415 0.882919749 0.859114895
0.796568105 1 2.811643848 2.187544571 1.691263758 0.913707802

	0.833120552	1.09014175	0.819274003	1.052559223	
	0.724130505	2.005372243	1	0.801343425	1.163727707
	0.687364863				
YLL013C	"YLL013C::PUF3::member of the PUF protein family, which is named for the founding members, PUmilio and Fbf"				0.998573744 1.121735746
	1.518442313	0.843871267	1.197410019	1.437782055	1.128882957
	1.064323368	1.593845536	1.30628051	1.131171882	1.134648289 1
	0.872553728	0.762053751	0.705897833	0.52078493	1 0.651040337
	0.672289882	0.762945546	0.618294595	1 0.752061969	0.650644205
	1.003372338	0.678610399	1 0.989270731	0.480512437	1.074219051
	1.14267429	0.332796354	1 0.698763172	0.730681377	1.027211179
	0.251086767	1.067763214	0.538508768		
YLL027W	YLL027W::ISA1::Iron Sulfur Assembly -- IscA/NifA homolog				1
	1.148564127	1.202311065	1.044230193	1.176072127	1 1.015794888
	0.997344838	1.413140898	1.166472535	1 0.881503995	0.749401743
	1.487014062	1.367185386	1 0.644991227	0.849909335	1.228746966 1
	1.103138601	1.164645799	2.01647532	1.254377784	0.740678376
	0.664529525	0.531431499	1.632730635	1.351103207	1 0.276321109
	0.376067323	0.295144267	0.57609364	2.727118178	1 0.427043072
	0.454071285	0.837179604	1.061649154	1.291495573	0.992957567
YLL029W	YLL029W::YLL029W::molecular_function unknown				1 0.969047051
	0.935987186	0.903188582	0.774158701	1 1.013348113	1.094277619
	0.869195873	0.920249809	1 1.598850852	1.454534007	1.225878787
	1.035308468	1 1.472436725	1.00958257	1.089932048	0.882076195 1
	1.230617371	0.700148768	0.88343471	0.897961743	1 1.061580019
	0.846032202	0.86672477	1.113894439	1 1.266002937	0.674305941
	0.99187281	0.926467213	0.702958716	1 1.133909591	0.774511244
	0.882710785	0.498209981	0.951129784	1.178589866	
YLL031C	YLL031C::GPI13::Glycosylphosphatidylinositol (GPI) biosynthesis				
	1.302701607	0.81425484	0.788070052	1.073915765	1.036872614
	0.751263623	0.667834983	1.627603229	1.10002564	0.538708921
	1.148354076	1 0.85134487	0.809244027	0.725891252	0.364583671 1
	0.612564523	0.381005002	0.385182771	0.371753244	1 1.223247008
	1.01674618	1.21654118	1.137377834	0.669484549	1 0.8422527
	0.730934889	0.943193915	0.804590742	0.430778049	1 1.282881763
	1.135274211	1.228355222	0.592724874	0.937486657	0.661096116
YLL033W	YLL033W::YLL033W::molecular_function unknown				1.028124619
	1.060239551	1.206089801	0.87051341	0.910558674	
	1.217962534	0.794511463	0.76684485	1.11598051	1.080803829 1
	0.584605823	0.347915412	0.562659732	1.022168524	1 0.983155081
	2.499109519	1.524365959	0.955355864	1 0.889322775	0.78807285
	0.656341437	0.687737922	0.904236905	1 1.005571899	1.297318856
	1.18133881	1.107147279	1.609491213	1 1.047463671	1.402667267
	1.413201239	1.130430592			
YLL035W	YLL035W::GRC3::Product of gene unknown				1 0.73573768
	0.507930494	0.57716167	1 0.59724522	0.621284972	
	0.633789388	1 0.545971673	0.416328104	0.31152098	0.728298127 1
	1.809310655	0.915925355	0.545304303	1 0.406972305	0.587928158
	0.293085358	0.266030042	1 0.780965532	0.561722106	0.692137383
	1.016280536	0.836551947	1 0.770907178	0.615137156	0.618888527
	0.982833821	0.787493454	1 0.554010637	0.60889828	0.751486297
	0.399203469	0.484243983	0.810827823		
YLL037W	YLL037W::YLL037W::molecular_function unknown				1 1.123494351
	1.28938759	0.932602268	1.47200081	1 0.893123965	0.88082832
	1.600628107	1.441060615	1 0.855277598	0.966478871	1.513794938
	1.175108476	1 1.104504208	1.649695659	1.020722489	1.31859101 1
	1.21440094	2.632795976	1.495877544	0.880966365	1 0.898317463

1.000723465 1.035237247 0.793997892 0.934817949 1 1.030820121
1.475258088 1.086736559 1.122127812 1.603665226 1 1.561846893
2.934302024 2.017400884 2.932578369 1.880686125 1.172460524
YLR170C YLR170C::APS1::Involved in a subset of clathrin functions at the
Golgi 1 0.821251883 1.271405452 0.970326752 1.351555164 1 0.86542737
1.014882503 1.598024112 1.442521284 1 1.119743768 1.247870435
1.286458383 1.324668138 1 1.167584579 0.954657513 1.044867214
1.443960548 1 2.474120243 2.190136659 2.854335305 1.978756724 1
0.927534891 1.384699279 0.751811265 0.744566932 0.955457503 1
1.034698351 1.257773848 1.099117329 1.379810258 1.611007237 1
1.187219654 1.321948364 1.34019397 1.147736413 2.077925466 1.34058036
YLR272C YLR272C::YCS4::loss of cohesion 1 0.876414531 0.714532408
0.759735884 1 0.946402735 0.893880415 0.801295804 1
0.818442277 0.763066498 0.527601605 1.115245815 1 0.863807414
0.34796048 0.632790691 0.718716214 1 0.813413896 0.706520203
0.636628867 1 0.89636848 0.7973434 1.006187616 0.94290853
0.985588011 1 0.891651645 0.707085242 0.739584594 0.931451681
0.536124842 1 0.712755955 0.891991536 0.985833657 0.596719779
0.891730649 0.847604027
YLR172C YLR172C::DPH5::diphthamide biosynthesis 1 1.171108493
0.964001642 0.748955236 1 0.957378799 0.828976807 0.763633361
0.919184802 1 0.985403214 0.708478755 0.551216549 0.943735752 1
0.910841 0.4714837 0.48327864 0.595416344 1 1.049518574
0.89501567 0.762474195 0.935629482 1 1.014399207 0.858581944
0.853570605 1.071103189 0.849727253 1 1.008149141 1.025163016
0.668884516 0.728333791 1.133071806 1 1.056378493 0.966193649
0.842933899 1.149531682 0.692908256 0.943047067
YLR274W YLR274W::CDC46::Member of complex that acts at ARS's to initiate
replication 1 0.683851238 0.689779855 0.931519857 0.544389537 1
0.863483865 0.876454285 0.682020168 0.575450057 1 0.748525971
0.844734516 0.498438078 0.682693258 1 0.606226701 0.750718476
0.983854287 1 1.284548229 0.751236434 1.157592497 1.227583341 1
0.993374019 1.059890452 1.031027523 0.835187851 1.005198175 1
0.973763288 0.933808765 0.878714408 0.813919729 0.967692089 1
1.259830629 1.101217625 1.149417811 0.711963636 1.00865706 0.709255442
YLR174W "YLR174W::IDP2::concerts isocitrate and NADP+ to 2-oxoglutarate, CO2,
and NADPH" 1 1.251837763 1.404931742 1.567116979 1.202386015 1
1.263980844 1.429994144 1.432079015 1.528555885 1 1.385349463
1.482423824 2.07952106 1.440220643 1 1.934142859
1.360708079 1 0.772746515 1.022078465 1.268646485 1.074702881 1
0.844000018 0.940055972 1.037959474 0.889489606 0.902716951 1
1.100152212 1.205570904 1.281247326 1.090706951 2.150092537 1
0.789306991 0.699426527 1.087679959 0.269517657 1.443996278 0.925534604
YLR276C YLR276C::DBP9::Dead-Box Protein 9 1 0.549829813 0.430910599
0.629966576 0.586508317 1 0.494612616 0.466033584 0.515482564
0.569372879 1 0.384632451 0.231011224 0.711814061 1
0.3632759 0.227548153 0.342395234 0.698282901 1 0.635369836
0.688353392 0.508413401 0.815825097 1 0.723115168 0.558580227
0.567683165 0.711820767 0.870061714 1 0.804950185 0.612090054
0.490841419 0.900009997 1.210250124 1 0.874205045 0.855096332
1.092537183 1.096323778 0.666982943 0.668976735
YLR188W YLR188W::MDL1::ATP-binding cassette (ABC) transporter family member
1 0.939598455 0.749755791 1.09585389 0.623358693 1 1.062798246
1.123049379 0.851391176 0.820878844 1 1.026254491 0.877486339
0.49443745 1.029458063 1 0.942905039 0.823943882 0.760280436
0.593125476 1 0.844795747 0.635013883 0.568983444 0.788086401 1
0.967392344 1.014057384 1.089881937 1.363854276 1.145074765 1

	0.814649521	0.529879989	0.667245114	0.977100555	0.406645807	1	
	0.759592108	0.570680151	0.862191239	0.615594843	0.773800633	0.611185564	
YLR190W	YLR190W::YLR190W::molecular_function	unknown				1	1.194024259
	0.967288477	1.247081497	0.873035734	1	1.407239612	1.325761041	
	0.84291891	0.846467282	1	1.138742328	1.04146852	0.687154043	
	0.793379038	2.041060261	1.462779153	1.875304191		1	
	0.42238472	1	0.964367755	0.773634244	0.874462096	1.437842007	
	0.881132528	1	0.688827977	0.480474637	0.425680076	0.69789207	
	0.881175581	1	0.696937703	0.484610494	0.939812621	0.696537966	
	0.820769169	0.800320314					
YAL027W	YAL027W::YAL027W::molecular_function	unknown				1	0.988920593
	0.970281195	0.94741675	0.892943908	1	0.895070659	0.943051897	
	0.870006507	0.973022118	1	0.900363553	0.924035036	0.784865562	
	0.903997695	1	0.926537913	0.739835946	0.769979663	0.881411081	1
	1.308310766	1.01490872	0.901789181	1.002610068	1	1.047897867	
	1.002378772	1.043248386	1.14364945			0.970822957	
	1.077044702	0.927654906	1	1.209517678	1.082150327	1.230851093	
	0.417224902	1.356613842	0.964937646				
YLR192C	YLR192C::HCR1::High Copy suppressor of RPG1					1	0.80174429
	0.90001674	0.689581229	0.565745033	1	0.798112119	0.899435539	
	0.719121627	0.744164742	1	0.918381044	1.095452941	1.08786155	
	0.658256727	1	1.270144917	0.833190307	0.81224291	0.818093353	1
	1.291635883	0.85723777	0.864609865	1.2172804	1	1.116623511	
	1.385516398	2.013950726	1.089203587	1.050140076	1	1.129722605	
	1.24048258	1.546756779	1.640174183	0.69287772	1	1.130500528	
	1.163855247	1.701278322	0.786776117	0.934167241	1.058629408		
YAL028W	YAL028W::YAL028W::molecular_function	unknown				1	1.043544581
	1.267855675	1.062232803	1.141097557	1	1.095906816	1.138423465	
	1.10173708	1.052748628	1	1.100302464	1.211435741	1.455644478	
	0.927944449	1	1.31682044	1.139320955	1.426186091	1.637833037	1
	0.952312682	0.842739706	1.036787303	0.948423779	1	1.253476477	
	1.107391138	0.807750544	0.834050901	0.933767514	1	1.410426687	
	1.367448373	0.933095974	0.705161058	0.655805008	1	1.488027412	
	1.367190923	1.287779578	1.32368534	1.239007927			
YLR194C	YLR194C::YLR194C::molecular_function	unknown				1	0.89000404
	1.162475886	1.003062461	0.950867723	1	0.907700967	1.057401325	
	1.440867054	1.328736869	1	0.855898246	1.185497503	0.889811374	1
	0.977807112	1.095040664	1.325013383	1.320463843	1	1.761998554	
	2.519228957	1.868830265	2.209636468	1	1.059746975	1.191346702	
	1.352418136	1.05425324	1.012575541	1	0.878425015	1.126588704	
	0.937644397	0.530424509	1.866701774	1	0.919008822	0.824715036	
	0.857249652	0.91583354	0.953579988	1.069136866			
YAL030W	YAL030W::SNC1::Involved in mediating targeting and transport of secretory proteins; forms a complex with Snc2p and Sec9p					1	1.265057332
	1.681950021	1.269648775	2.122032713	1	1.169980979	1.357305031	
	2.104235607	1.820247032	1	1.114073442	1.50750219	2.560460251	
	1.479626756	1	1.263627691	1.07024003	1.357957732	1.539892887	1
	1.455812194	1.882559296	1.969572084	1.308754039	1	0.948595904	
	1.102288287	0.854540984	0.6774723	0.837317547	1	1.134800985	
	1.791884578	1.855852026	1.403392048	2.007106911	1	1.217501739	
	2.004608783	0.957060357	1.630332459	1.389391897	1.358092823		
YLR196W	YLR196W::PWP1::Protein with periodic tryptophan residues that resembles members of beta-transducin superfamily because of presence of WD-40 repeats					1	
	0.695142858	0.651855474	0.748385542	0.848386506	1	0.475397286	
	0.322667471	0.26463811	0.918122612	1		0.340713481	
	0.287977216	1	0.53246754		0.504366587	1	0.760533114

	0.571960746	0.684293201	0.971145042	0.752408989	1	0.740746765	
	0.43910976	0.368905519	0.765509534	0.804367055	1	0.524461703	
	0.464956848	0.660880826	0.771632247	0.446258428	0.660220503		
YAL032C	"YAL032C::PRP45::protein required for pre-mRNA splicing in vivo and in vitro, associated with the spliceosome, weakly associated with U2, U5 and U6 snRNPs"						
	1	0.860802913	1.043081134	0.996957234	1.082153876	1	
	1.052517218	1.013834662	1.079346101	1.088415841	1	0.877070598	
	1.081324321	1.279894795	1.049442895	1	1.289011239	1.298348897	
	1.537777591	1	0.889404723	1.001836795	0.799242077	0.799133819	1
	0.889230583	0.956507661	1.021919859	0.943805798	0.988507811	1	
	1.022524757	0.962860673	1.222627198	1.082131252	1.03617572	1	
	1.060433178	1.131997146	1.132287616	0.972878453	0.98280308	0.939544512	
YLR198C	YLR198C::YLR198C::molecular_function unknown 1.06136938						
	0.965717653	0.721204149	1.461600747	0.841455951	0.601913312		
	1.232231409	1.334431029	0.718556691	0.482318952	0.551563155		
	1.067098043	1	0.626972337	0.181324298	0.196818968	0.552062557	1
	0.947752106	0.490048542	0.245126731	0.471209518	1	0.787908565	
	0.678007911	0.529494664	0.679584779	0.762586277	1	0.731716547	
	0.710554656	0.384583999	0.648410523	1.071549252	1	0.834478163	
	0.832793761	1.123847382	1.484541119	0.976841149	1.271406067		
YLR212C	YLR212C::TUB4::spindle pole body component that organizes both cytoplasmic and nuclear microtubule arrays 1.05398168 0.848419415						
	1.056647962	0.867366512	1.046069019	1.073119212	1.077952626		
	0.991029536	0.845115909	0.724510926	1.153249016	1	0.953218994	
	0.758189252	0.710141887	1	1	1.128435468		
	0.933433682	1.248493762	1.050364356	0.881591582	1	0.939395719	
	0.710931339	0.731055615	0.787471054	0.585523445	1	1.022562262	
	0.840270697	1.014299549	0.697035623	0.929103206	0.76879789		
YAL035W	YAL035W::FUN12::Functions in general translation initiation by promoting Met-tRNA ⁱ Met binding to ribosomes. 1 1.209934163 1.102327775						
	1.149330807	1.012914303	1	1.133599348	1.148888296	1.237576394	
	1.109655727	1	1.314239313	0.998708184	0.86419877	1.111460831	1
	0.626943645	0.526625512	0.54266674	0.498350687	1	0.681618113	
	0.691957705	0.666584894	0.564101801	1	0.782776682	0.826536339	
	0.833707219	0.770583845	0.746295001	1	1.038488373	0.752731986	
	1.014668174	1.137815679	0.713835944	1	0.763629375	0.70434914	
	0.938924747	0.712216759	0.790614025	0.819584055			
YAL049C	YAL049C::YAL049C::molecular_function unknown 1 1.48435154						
	1.686435978	1.389560409	1.796488673	1	1.425330332	1.466352251	
	1.637517101	1	1.098142332	1.20899126	1.824404764	1.324445641	1
	0.884702251	0.704970772	0.638779029	1.28312243	1	0.860960307	
	1.025815971	1.754427236	1	1.062257968	0.988388291	0.7854915	
	0.789468268	0.771968996	1	1.155059626	1.074621398	1.129243271	
	0.814841976	1.501182111	1	1.159045993	1.212015269	0.852027791	
	1.329596693	1.343873371	1.235505476				
YAL060W	"YAL060W::BDH1::(2R,3R)-2,3-butanediol dehydrogenase"						
	0.983798344	0.895110963	1.042112051	0.681362404	1.063019209		
	1.209318529	0.975185282	0.861123061	1.104358922	1.481861541		
	2.265849486	1	3.841584009	5.052192689	5.982768214	5.100318664	1
	2.778086673	2.825827546	3.658492383	3.122849826	1	1.88023614	
	2.082592916	1.288893041	1.265723018	1	1.253892228	1.676391738	
	1.092150345	1.612962468	1	1.627690966	1.702046189	1.169661404	
	1.48868784	3.08875903	1.464918933				
YAL062W	YAL062W::GDH3::Involved in glutamate biosynthesis 1						
	1.033963772	0.719314132	0.964469532	0.582605707	1	1.397961785	
	1.438677606	0.811502829	0.9375472	1	1.262223787	1.058128018	
	0.826633741	0.699677265	1	1.680309445	1.151395734	1.876099465	1

	0.928282962	0.675328699				1.038393386
		0.553746846	0.701271664	0.758365071	1	1.113758703
	1.216186643		1.207485451			
YAR015W	YAR015W::ADE1::phosphoribosyl amino imidazolesuccinocarboxamide synthetase					
	1	0.773286193	0.64202394	0.630369822	0.740654293	1
	0.760374507	0.679095179	0.620862516	0.688437937	1	1.114183609
	1.195185737	0.566582518	0.651470536	1	2.359036712	1.807233794
	0.582565202	0.486838263	1	2.268319883	1.478466396	0.89577388
	0.844768344	1	1.017576004	1.202952098	1.364656755	1.229346346
	1.518075446	1	0.994560752	1.211627976	0.774921694	1.246242392
	4.111190446	1	0.859199522	0.926047237	0.58862602	2.480234273
	3.907571056	1.154948061				
YLR278C	YLR278C::YLR278C::molecular_function unknown					
	1				1	1.353509732
	0.989480006	1.11122266	0.945975735	1	1.123056889	0.85203152
	0.918899882	1	1.27417526	1.148161449	0.920223784	1.061579258
	1.064092164	0.590656057	0.895936458	0.738629764	1	0.957604896
	1.001294261	0.760149544	0.553193583	1	0.955440831	1.093575908
	1.039930622	0.999005565	1.018801898	1	1.515119846	1.110009103
	1.114788676	1.163067248	1	0.777084869	1.201184942	1.117245226
	0.853834348	1.150334022	1.068261305			
YLR280C	YLR280C::YLR280C::molecular_function unknown					
	1				1	1.394428515
	1.454740965	1	1.447038798	1.762912532		1
	1.969138227	1.046095778	1.832882991	1		1.437465051
	1.589538397	0.429577609		0.494645984	1	1.150703839
	1.051873307	0.983696256	0.96030884	1.110596318	1	0.988803406
	1.180628417	0.968793561	0.856845782	1.318516633	1	0.923592277
	0.993243267	0.698430912	1.052223913	0.88113304	0.556021232	
YLR282C	YLR282C::YLR282C::molecular_function unknown					
	1				1	1.068505863
	1.149519946	1.45984161	1.471442996	1	1.362692718	1.65930994
	1.340807984	1	1.216961825	1.134986466	1.348054286	1.472744917
	0.744691958	0.432136468	0.53717824	1.237967187	1	1.405271641
	2.072918893	2.294130877	2.29289307	1	1.090271098	1.208260636
	1.482578258	1.004368173	1	1.11816875	1.302480035	1.332584863
	1.204255172	1.391980126	1	1.168666081	0.857330824	1.090988669
	0.377134834	1.249084884	1.14969428			
YLR296W	YLR296W::YLR296W::molecular_function unknown					
					1	0.638258243
	267.6358435	0.822596271	0.541235796	1	0.879282423	0.661541432
	1	1.068970454	0.769744841	1.241788577	0.730422705	
YLR298C	YLR298C::YHC1::U1 snRNP protein required for pre-mRNA splicing					
	1					1
	0.945176232	1.201860448	0.9725233	1.615861925	1	0.892165511
	0.927590014	1.43688052	1	1.114815975	1.163894233	1.619529676
	1.160046977	1	0.842969994	0.542920653	0.661883025	1.003473115
	1.954213113	1.90770454	2.511484788	1.414076367		1.259108596
	0.680959749	0.743648704	1.167383867	1	1.231080755	2.057326409
	1.629560929	2.153665258	3.620168071	1	1.326917555	1.467462156
	1.413931452	1.429999769	1.23112736			
YLR300W	"YLR300W::EXG1::Has a broad specificity for beta-1,3-linkages as well as beta-1,6-linkages, and also for other beta-glucosidic linked substrates, such as cellobiose."					
	1					1
	0.927559474	0.963140251	0.798510349	0.932203853	1	0.698036639
	0.559882596	0.448968102	0.903314463	1	0.645675909	0.597271726
	0.500978555	0.564039554	1	0.446958866	0.301409145	0.279568787
	0.658702744	1	0.785989078	0.740557883	1.187431995	1.100508585
	0.953212711	1	0.690231882	0.686346117	0.6778623	0.581785122

0.510282035 1 0.712717184 0.532611094 0.899599924 0.692654155
 0.925571723 0.72501668
 YLR302C YLR302C::YLR302C::molecular_function unknown 1.258375259
 0.866640472 1.359665492 0.549201599 1.267632277 1.316960019
 0.772463346 0.750849764 1.197192541 1.714559311 0.853053202
 0.590330353 0.25687761 0.643639925 1 0.722199867
 0.897445672 1 0.915691073 0.71614556 0.977955092 1.447877578
 0.88249873 1 1.294228856 1.200860203 0.695312071 1
 1.554909108 0.926644374 1.08252339 0.712757945
 YLR214W YLR214W::FRE1::Ferric (and cupric) reductase 0.322597187
 0.258511684 0.355570415 0.641224667 0.280888888 0.272398732
 0.310045317 0.588537343 1.479310462 1.469168975 0.446392211
 1.805255698 1 3.944374523 3.076053043 1.674866369 2.702197079 1
 2.408878085 1.06662865 0.978067785 3.45327288 1 2.317244609
 1.93610883 1.734939917 0.997302235 1.005247522 1 2.739486914
 2.037901744 1.396867329 1.404163889 0.555707468 1 2.215395328
 2.080140737 1.379400978 0.755969655 0.696547477 5.180191487
 YLR304C "YLR304C::ACO1::Aconitase, mitochondrial" 1 0.975148881
 0.841787984 1.258929225 0.603473613 1 1.297583197 1.424964972
 0.645055849 0.557331937 1 0.469561818 0.388744219 0.414260442
 0.69880854 1 0.860928796 0.390586159 1.430901841 0.84002463 1
 0.311438175 0.110236537 0.375918832 0.672344711 1 0.281433119
 0.174943658 0.314411881 1.191839961 0.771486331 1 0.200652259
 0.099417093 0.103721772 0.355359109 0.35883577 1 0.300530693
 0.171024963 0.528120021 0.829269064 1.321288493 0.52012064
 YLR216C YLR216C::CPR6::a cyclophilin related to the mammalian CyP-40;
 physically interacts with RPD3 gene product 1 0.862383951 1.167902737
 1.124735321 1.00012459 1 0.905071881 1.1480132 1.336692735
 1.064977212 1 0.890603576 1.339288857 1.905518492 0.855893354 1
 1.284013315 1.483460951 2.327156165 1.770500636 1 1.333388172
 1.489994474 3.204646018 2.148205415 1 1.008653877 1.223330514
 1.191892437 0.663741654 0.839148465 1 1.711617675 1.963435435
 0.898484315 0.503308069 0.595941976 1 1.446662965 1.406971468
 0.753909107 0.640030803 0.890846256 1.105037457
 YLR306W "YLR306W::UBC12::Required for conjugation of RUB1 (ubiquitin-like
 protein) to other proteins. Collaborates with ULA1/UBA3 RUB1-activating enzyme.
 Related to ubiquitin-conjugating enzymes (UBC1-8, UBC10-11, UBC13). Related to
 SMT3-conjugating enzyme UBC9" 1 1.337552985 1.77240589 1.082811569
 2.051505729 1 1.096333574 1.255340325 1.891356167 1
 1.203544488 1.27703962 2.004248855 1.4774837 1 1.098304503
 1.150894867 1.342720918 1 1.516608246 1.55440906 1.657682657
 1.167025014 1 1.076113024 1.397634816 1.034737656 0.958587812
 1.157376205 1 1.153855 1.601458441 1.420535443 1
 1.356872101 1.092998979 1.747725842 1.652781073 1.595386951
 YLR320W YLR320W::MMS22 1 0.891368348 0.888835418 1.038096019
 0.89951298 1 0.988152592 1.070399779 0.898093081 0.847378717 1
 0.896923638 0.928613954 0.731066199 0.864606362 1 0.93028968
 0.691862069 0.676825735 0.859521047 1 0.817876577 0.658202215
 0.63389656 0.516052436 1 0.930563444 0.8687408 0.962403112
 0.956349815 1.003927225 1 0.857118325 0.858510462 0.593396025
 0.882290368 0.819607361 1 0.826149553 0.71065335 1.000126465
 1.01457238 0.907711466 0.879126451
 YLR218C YLR218C::YLR218C::molecular_function unknown 0.390317981
 1.134262719 0.769284474 1.259933045 0.644107302 0.897378063
 1.204406793 1.293543181 0.751108767 1.104256579 1.748174796
 0.856615375 1 2.012941927 1.192080566 1.459024513 2.263538428 1
 3.241234048 6.216990687 4.723430156 1.946109333 1.154956092

1.765329102 0.962840687 1.073610364 1 1.495643682 2.043504583
2.204388814 4.184532792 1 4.089616154 1.313436
YLR220W YLR220W::CCC1::Functions in the homeostasis of both calcium and
manganese ions 1 1.461029752 1.193738728 1.155980126 1.039184146 1
1.321382258 1.713047407 1.170353806 1.248035084 1 0.748656482
0.745785445 1.389192716 1.030536284 1 0.759000645 0.876819248
0.850503124 1 0.800848302 0.433571613 0.584922144 1
0.64102687 0.429224102 0.354676819 1.195215354 0.840132809 1
0.376532933 0.276387886 0.211805919 0.333689062 1.734647534 1
0.532315242 0.383999562 0.832332541 1.580489042 1.474503432 1.280162299
YLR222C YLR222C::UTP13::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA) 1 0.788959274 0.547281626 1.013908737 0.768493855 1
0.887239325 0.80331814 0.85955837 0.920549825 1 0.390629746
0.336571269 0.205827096 0.996295017 1 0.122064778 0.111412913
0.238719073 1 0.273327601 0.145013974 0.491576228 1
0.725588539 0.597559062 0.682339416 0.947278118 0.933371334 1
0.746332898 0.650141819 0.53795532 0.872650048 0.779441471 1
0.606363387 0.72464447 0.905638082 0.868815723 0.584459974 0.729394796
YAR019C "YAR019C::CDC15::Required for mitosis and sporulation, cell division
cycle blocked at 36 degrees" 1 1.552641282 1.509153057 1.727614405 1
1.771868254 1.468224628 1.430857074 1.686821087 1 1.278155551
1.511375145 1.506253554 1.271562999 1 0.901768809 0.697392027
1 0.859654548 0.8042195
0.993793852 0.919554016 1 1.019943698 2.028933516 1
0.735746797 0.644816125 0.502115176 1.188820834 0.682944863 0.742529143
YLR236C YLR236C::YLR236C::molecular_function unknown
1.005576312 1.141627097 0.878135207 1.180760702 0.788363138
0.814040088 1.003085845 1.216477216 1.172828777
2.507270011 1 1.07720697
0.985614068 1.192025963 0.986193436 1 0.82323382 0.885249523
1.044378086 1.015203339 1 0.75286261 1.081441441
0.42019159 0.874049495 0.972818213
YAR023C YAR023C::YAR023C::molecular_function unknown 1 1.06789464
0.961157748 1.134038913 1.066283694 1 1.061104224 1.008270262
1.151839441 0.886299384 1 1.011440764 1.078109389 0.92351335
0.867923025 1 1.428050165 2.540520873 1.194949455 1
0.860380941 1.405691329 0.843510924 1 0.999473665 1.099679476
1.103147848 1.04765561 0.988654051 1 0.956901767 0.880704645
1.154583078 0.904199551 1.356302353 1 1.006117671 1.155466504
1.053352497 0.801402567 0.90276836
YLR238W YLR238W::YLR238W::molecular_function unknown 0.808955565
1.433771798 1.043580939 1.048490444 0.786441535
0.909445118 1.095919463 1.187816218 1 0.598461083
0.229779023 0.544558896 1 1.764120296 2.371668147
2.158752391 1 0.925874035 1.007508727 3.895218471 1.074546166 1
1.130493252 1.529684402 1.463464001 1.920536274 1 1.196252425
0.814854455 1.07471743 1.916582836 0.887007122
YAR028W YAR028W::YAR028W::molecular_function unknown 1 1.635419404
1.386406171 1.459683746 1 1.516220372 1.500574991 1.723661338
1.532850593 1 1.465915987 1.485159241 1.642578112 1.619817633 1
0.841912499 0.586420687 0.824929272 1 1.23571008 1.233453504
0.88108141 1.214758949 1 1.360691328 1.477877535 1.34505384
1.283617364 1.406930493 1 1.189702774 1.237196834 1.752821505
1.045725092 1.145537068 1 1.429701751 1.215774429 0.983065473
1.23056604 1.459983596 1.34320725
YLR240W YLR240W::VPS34::phosphatidylinositol 3-kinase 1 0.996516212
0.850952788 0.759496191 1 1.174420503 1.220279291 0.894709037

0.769489847	1	1.371521183	1.169887933	0.772961204	1.265209453	1
1.069614828		1.239704015	0.845344751	1	1.10283138	
1.097323066		1	1.04743511	0.924512892	1.142596043	1.013435139
0.927970146	1	1.198460038	0.821784024	1.287591943	1.138095211	
0.528714174	1	1.227317905	0.941049678	1.164051496	0.506662811	
1.14135257	0.731146021					
YAR030C	YAR030C::YAR030C::molecular_function	unknown		1	1.098498081	
1.038691326	1.235190767	1.167050426	1	1.148503636	1.026126289	
1.025857416	1	0.932817989	0.912035836	0.808422204	1.059794423	1
0.789516878		0.879840025	0.689146809	1	1.217017051	1.474314599
1.080657078	1.156276531	1	1.099566007	0.934831279	0.768380471	
0.956101564	1.108558582	1	0.653209201	0.801892136	0.675311198	
0.817193163	1	0.585045008	0.905307174	0.817258205	1.358610545	
0.856494304	1.290669756					
YLR242C	YLR242C::ARV1::similar to Nup120p and C.elegans R05H5.5 protein and Nup120p					
1	1.135734278	0.948641265	0.816092062	0.853952577	1	
0.916965133	0.725060951	0.974910567	1	0.916658486	0.926800353	
1.426843127	0.933789296	1	0.737509421	0.723128101	0.892453939	
1.08224683	1	1.408388365	1.876704334	2.187892935	1.121502839	1
0.814641258	0.69193584	0.700719841	0.811512417	0.892128032	1	
0.883568005	0.830710053	0.80318176	0.765434474	1.254858033	1	
1.24985128	1.242868831	1.209756632	0.86995523	1.36814578	1.189972988	
YAR033W	YAR033W::YAR033W::molecular_function	unknown		1	1.549304973	
1.392926409	1.125553503	1.11895879	1	1.302154775	1.26780117	
1.086006627	1.170588576	1	1.405153889	1.768096391	1.601815409	
1.073561661	1	1.046277328	0.777045942	0.936834046	1	
1.139350155	1.366288211	1.376015177	0.797969465	1	1.386443104	
1.488386314	1.259784871	1.186919132	1.332523235	1	1.350963195	
1.495974924	1.696266016	1.326444672	1.154241324	1	1.245898004	
1.199362739	1.215137735	0.971759741	1.317814116			
YLR244C	YLR244C::MAP1::methionine aminopeptidase		1	0.788315211		
0.635637107	0.702111289	0.48815891	1	0.779293352	0.680685316	
0.599067225	0.686483667	1	0.780136616	0.538278705	0.451613027	
0.845757651	1	0.788585251	0.639978955	0.571483321	0.687886332	1
0.546937527	0.279903814	0.369746461	0.792047299	1	0.967285376	
0.759053782	1.069499615	1.060438371	0.875784384	1	0.988925971	
0.752181974	0.804686833	0.841184055	0.689371154	1	1.104664235	
0.788788695	0.976235787	0.655317798	0.661263023	0.710131055		
YAR064W	YAR064W::YAR064W::molecular_function	unknown		1		
1.550389378	1.423424005	1.492503423	1	1.652403336	1.407598203	
1.67417751	1	1.338079422	1.607166777	1.199684457		
0.683145569	0.938190009					
1.150391107	1.013356999	1.043241156	0.930079587	1	1.149058041	
1.056971298	1.064266297	0.76734974	0.98773713	1	1.357707564	
1.487290328	1.093595764	1.41489566	1.291630784	1.50519764		
YAR069C	YAR069C::YAR069C::molecular_function	unknown		0.951784853		
0.935888216	0.959389639	0.86662337	0.935435841			
0.796922768	0.931848658	1.087934939	0.873258207	1		
0.20722173		0.422895124	1	0.909271291	0.973765024	
1.247164837	1.043837443	1	0.701276362	1.04871235	1.030285789	
1.683982145	1	1.082384897	1.266856885	0.145169549	1.234294129	
1.034987604						
YAR071W	"YAR071W::PHO11::Acid phosphatase, secreted"			1	0.928097811	
0.698119773	0.704104496	0.475131659	1	0.811591447	0.679706344	
0.644493397	1	0.742576733	0.59468922	0.331473565	0.460226595	1
1.008433059	0.67652127	0.775318492	0.683128223	1	0.576906499	
0.707859348	1.135661584	1	1.003104042	0.991896977	1.199550969	

	1.86824996	0.892988684	1		0.797545728	1.241079896
	0.965653527	1	0.964154494	0.898347673	1.421770297	1.116502633
	0.484498917	1.130430592				
YAR074C	YAR074C	1	1.362084681	0.946113501	0.892061002	1.021004835
	1.031757129	0.953641994	0.832667172	0.899037576	1	0.957558842
	0.775022533	0.483330529	0.726935418	1	0.303997645	0.376982036
	0.403668624	1	0.899420439	0.478634532	0.247887116	0.482234006
	1.007651909	0.802521833	1.232468067	1.412078794	1.03434856	1
	0.991014005	1.105811434	0.583835781	0.532189225	1.055758677	1
	1.021011184	1.015812668	0.911367168	1.255002529	1.028261264	1.031485049
YBL002W	YBL002W::HTB2::Histone H2B (HTB1 and HTB2 code for nearly identical proteins)	1	1.198911102	1.272312835	0.850504921	1.910778254
	1.104042288	1.019784723	1.225779713	1.330921202	1	1.022198121
	0.848912605	0.967550402	1.26126916	1	0.877567311	0.514638809
	0.376264215	0.952685596	1	1.227696215	1.290927764	1.183364501
	0.875708868	1	0.821656047	0.627349621	0.654546579	0.764467921
	0.916908183	1	0.459377131	0.624975466	0.449108745	0.637089744
	0.909982641	1	0.57156155	0.812079983	1.097439396	1.479128904
	1.182019865	2.393080427				
YLR322W	YLR322W::VPS65	1	1.170304756	1.231168464	1.563075938	
	1.017546153	1	1.47210302	1.556815458	1.186269085	1
	1.110738566	1.344850947	0.816779471	1.443366948	1	0.428276138
	0.507060136	0.630192616	1	0.954046623	0.663461804	1
	0.888694603	0.827837955	0.94005451	1.004144694	1.120317413	1
	0.99168059	0.786856922	1.272754342	0.92949533	1	1.034069886
	0.735242489	1.069252565	0.897514579			
YLR324W	YLR324W::YLR324W::molecular_function unknown	1	0.949178733			
	0.986377311	0.902395425	0.664006823	1	1.129820647	1.339839751
	0.999200662	0.869902854	1	1.176107822	1.326619456	1.474925704
	0.798724151	1	1.559835174	1.210443063	1.901847286	1.210950852
	1.658960035	1.609029396	1.6029504	0.670054667	1	0.952103395
	1.147160074	0.992803765	0.842883091	0.921087464	1	1.110052132
	1.004822331	0.965240464	0.840731818	1	1.098430861	0.95017243
	1.109155944	0.601339504	1.126053154	0.95705708		
YLR326W	YLR326W::YLR326W::molecular_function unknown	1	1.01040694			
	1.446954844	1.141711907	1.694240107	1	1.079095289	1.286276039
	1.796229939	1.443831628	1	1.067598387	1.241705631	1.922930812
	1.714041172	1	1.409131629	1.023361882	1.720941518	1.741735439
	1.129128235	1.571612291	2.004703647	0.88111888	1	1.043697019
	1.278935278	1.167731567	0.963953155	1.357442429	1	1.103621456
	1.276640232	1.365873865	1.70207501	1.023044053	1	1.002500379
	0.854581212	1.006738232	0.972066346	1.691977187		
YLR328W	YLR328W::NMA1::NAD(+) salvage pathway	1	1.065647042			
	0.813992562	1.047648181	0.805119478	1	1.031171539	0.949675267
	0.843221758	0.824798656	1	0.972842145	0.921802777	0.65009049
	0.771412987	1	1.574766565	1.627468367	1.399801993	0.907792103
	0.831252617	0.613566859	0.539690865	0.544708299	1	1.177664491
	0.909802089	1.115655397	1.174243719	1.042781703	1	1.350991063
	1.182376248	0.761209902	0.854630138	0.412329661	1	0.923177357
	0.816918209	0.676234991	0.643152361	0.495012587		
YLR330W	"YLR330W::CHS5::Involved in chitin synthase III activity, also required for homozygosis in the first stages of mating"	1	0.638827073			
	0.816432208	0.903551342	0.788651076	1	0.852933591	0.919442281
	0.913655246	0.731156113	1	0.837352804	1.030046967	0.668270099
	0.85601218	1	1.710916105	1.288846909	1.502350154	0.894184831
	1.18308357	0.779821445	1.099995659	0.781959479	1	0.962714328
	1.105762061	0.869634644	0.63450135	1.283249869	1	1.03776742

0.940223029 0.806819587 1.066649339 0.712868589 1 1.078166312
 0.90411759 1.013229605 0.815451949 0.801474778 0.964061981
 YLR344W YLR344W::RPL26A::Homology to rat L26 1 1.092168117
 1.292192715 0.786860706 1.596797249 1 0.944478887 0.99704873
 1.299596854 1.134180081 1 0.848426276 0.811268208 0.856765865
 0.851286548 1 0.71108835 0.281535373 0.247193611 0.623183418 1
 0.980526726 0.750845181 0.653357729 0.75795075 1 1.130098983
 1.016336274 0.846858218 1.22414336 1.293992147 1 1.016068036
 1.249273533 0.70058711 0.645196081 1.2970666 1 0.834551029
 1.013090009 0.682575514 1.484941144 0.737029484 1.024480042
 YLR346C YLR346C::YLR346C::molecular_function unknown 1 0.723264833
 1.091959236 0.840324205 1.040167265 1 0.669353748 0.692636509
 2.346347317 0.97398198 1 24.68267417 44.45098893 49.85645584
 31.62849551 1 10.43206219 10.74917421 11.20173168 10.89810983 1
 2.2250296 3.09213477 3.202391744 1.576769632 1 2.182118804
 3.029420116 1.752389413 1.812196522 1.456182355 1 2.377074652
 3.402260673 2.389139118 2.403391 2.849057975 1 1.726960587
 1.594051925 1.210512627 1.131094764 1.430731347 2.003427806
 YLR246W YLR246W::ERF2::Mutation has an Effect on Ras Function. Implicated in
 signaling pathway. 1 0.950498481 0.82747282 0.958809123 0.982739006 1
 0.894697151 0.820732697 1.11431963 1.061186548 1 0.966728828
 0.990931572 1.032153697 1.305636871 1 0.898367904 0.674303044
 1.143044642 1.314427258 1 1.591757242 1.507364842 1.490360154
 1.190542279 1 1.155918609 1.286714431 1.210491372 1.110473887
 1.092724093 1 0.869497977 0.969459572 1.128889738 1.015849579
 1.105115571 1 1.175913234 1.238314701 1.193857635 0.696699157
 1.416515287 1.330072903
 YLR348C YLR348C::DIC1::mitochondrial dicarboxylate transport protein 1
 1.167237993 1.161794158 1.062628968 0.799439558 1 1.160644484
 1.302532964 1.290555752 1.344675088 1 1.058732556 1.388253009
 1.500550463 1.528235258 1 1.128863252 0.910810875 1.429649709
 1.901754337 1 0.81383713 0.777007074 0.965580581 1.484489821 1
 0.708139106 0.814280754 1.647228269 0.925603251 0.846546727 1
 0.706134875 0.715242713 0.881525014 1.062420869 0.356682839 1
 0.754714783 0.680276084 1.097219537 0.836024006 0.667035469 1.09453
 YLR350W YLR350W::ORM2::Homologous to ORM1. 1 1.205921307 1.27092397
 0.936913249 1.104472283 1 1.054360029 1.022167563 1.559483442
 1.402402015 1 1.269023585 1.384246173 1.774462161 1.313453343 1
 1.898016609 2.747453391 2.665230257 1.841094691 1 0.954739534
 1.079317064 1.092480269 0.8126898 1 1.278959469 1.468313065
 1.474307947 2.046192694 1.466866369 1 0.819749765 0.714267735
 0.738241682 0.868817106 0.522787318 1 1.112868815 1.104081964
 1.043472448 0.833714042 1.355215359 0.635703034
 YLL039c YLL039c::UBI4::involved in stress response system
 0.794180092 0.874612232 0.913525251 1.034770273 0.868091985
 0.808409154 1.112983165 1.014762301 0.837914231 1.240702018
 1.653520845 0.991715868 1 1.330414606 0.771242277 0.993573413 1
 2.093967681 1.570210558 1.586564303 0.68703912
 1 1.141413556
 0.817862343
 YLL039c YLL039c::UBI4::involved in stress response system
 1 1.184561372
 1.547556674 1.815667258 1.18313024 1.162620483 1 1.434498602
 2.792378402 2.155503168 0.91358544 1.208661958 1 1.583757077
 2.030378423 1.182332209 1.449853795 1.317601883 1.243386042

YLR352W YLR352W::YLR352W::molecular_function unknown 1 0.940483426
0.94069202 1.077041066 0.902682175 1 1.180617382 1.212735446
0.895692964 0.845521452 1 1.180059631 1.128167089 0.919299646
0.958223901 1 1.336292468 0.866090206 1.170207 1
1.684089284 1.536616946 1.351035085 0.985592849 1 1.260126999
0.938010409 1.278310461 1.219132576 1.170000972 1 0.988171214
0.845211437 0.7721834 0.911161737 0.727205931 1 1.287039798
1.055400222 0.963215148 1.016295063 0.965006282 1.210988006
YLL041c "YLL041c::SDH2::Yeast succinate dehydrogenase (SDH) is a tetramer of
non-equivalent subunits--Sdh1p, Sdh2p, Sdh3p, Sdh4p--that couples the oxidation
of succinate to the transfer of electrons to ubiquinone." 1 0.930544331
0.920504634 0.958279615 0.972755171 1 1.198416093 1.302346339
0.743102493 0.950598743 1 0.52872364 0.491141961 1.16003233
0.840889218 1 0.254300905 1.983208764 1.846406358 1
1.479196235 0.322966165 1.663721654 2.582063458 1 0.37392786
0.286193307 0.302102967 1.417946378 1.136868054 1 0.176815534
0.085492144 0.120541028 0.139569497 0.951739321 1 0.249215451
0.155038677 0.48519316 1.020360589 2.215270544 0.962310756
YLL043w YLL043w::FPS1::Suppressor of tps1/fdp1 and member of the MIP family
of transmembrane channels; may be involved in glycerol efflux 1
0.866676703 0.823629339 0.79505381 0.630833822 1 0.899936075
0.846346562 0.667653296 0.665194406 1 0.836520263 0.820319614
0.645793967 0.72557901 1 0.581332571 0.54732016 0.514880036 1
1.002485123 0.839100059 0.959019907 0.761057625 1 0.874290941
0.926390102 0.963793256 0.978695184 0.978001217 1 0.876377853
0.78573528 0.747507074 0.842295714 1 0.938806482
0.910314473 0.667737534 0.766369977 0.755663491
YLL045c "YLL045c::RPL8B::Homology to human L7a, mouse L7a, rat L7a" 1
1.145379641 0.9831159 0.964135966 1.182773341 1 1.014489256
0.935951859 1.040329968 1.137495839 1 0.873240363 0.825119123
0.605752142 0.954381567 1 0.691772452 0.395912255 0.206074961
0.454318769 1 1.016833268 0.345790939 0.216515256 0.64637004 1
0.911978085 0.924309201 1.196895506 1.152950605 1 1.118164058
1.156656944 1.058930809 0.589450679 0.891908439 1 1.003576478
0.921121488 0.775474314 0.681266065 0.821321088 0.858987149
YBL004W YBL004W::UTP20::U3 protein 1 1.299673317 1.270334167
1.168591609 1.285936037 1 1.173841395 1.087819607 1.279432614
1.220652637 1 1.186182749 1.097166257 1.298949174 1.152007879 1
0.925270157 0.719822608 0.707502872 1.189224177 1 1.003669506
0.926397705 0.889468292 0.825957444 0.98034323 0.824679321
0.830487999 0.969555 0.872667264 1 0.852755647 0.91331738
0.94328487 0.919750482 0.895235136 1 1.084505125 1.139346847
0.958260156 1.136666663 1.029733823
YBL004W YBL004W::UTP20::U3 protein
0.711005632 0.847391082
0.746196891 0.903410837 1 2.551473151
0.599664399 0.994736158 0.616879109 2.525299671
YLL047W YLL047W::YLL047W::molecular_function unknown 1 1.206583128
1.30438198 1 1.064510307 0.889154246 1
1.644507785 0.243847587 0.328696451 1
0.462890308 0.874345786 1 0.962790428 0.988964271
1 1.08442307 1
YBL016W YBL016W::FUS3::Required for the arrest of cells in G(sub)1 in
response to pheromone and cell fusion during conjugation 1 1.132040541
1.148592623 0.993546645 0.938865353 1 1.174461292 1.0570148

0.889929063	1.031379339	1	0.904020121	1.102682003	0.859117074	1	
0.767813129	0.583138485		1.010175152	1	0.885682558	1.091976589	
1.296165203					1.116669677		
0.823994196	1.374479025						
1.155823726							
YLL049W	YLL049W::YLL049W::molecular_function unknown					1.130321445	
1.081877086	0.769284474	1.136583022		0.824505761	0.688685486		
1.062633942	1.322040781		0.892167691	0.946656695	1.28775973		
0.950598334	1	1.249574169	0.968261546	1.213384603	1.548486883	1	
1.579699134	1.8945572	1.674000523	1.222402319	1	0.992786433		
1.172341943	0.803898142	0.971866138	0.887369094	1	0.840910761		
1.328302818	1.150146979	0.963145047	1.60257393	1	1.097788588		
1.604747018	1.137570717	1.070061329	1.119153132	1.785397366			
YBL018C	YBL018C::POP8::Processing Of Precursors - a group of proteins that appear to be components of both RNase P and RNase MRP					1	1.331432397
1.410916854	1.170705387	1.811674638	1	1.093834776	0.985480018		
1.730459211	1.649134295	1	1.109924246	1.087630719	1.094034691		
1.472588551		0.507240236		0.284039182	1	0.77697148	
	1		0.678228671	0.499978123	0.780991344	0.84059404	
0.81858974	1.085976706	0.829041146	1.115706765	2.035849809	1		
0.938232801	1.1208791	1.048744548	1.772858526	1.065552635	2.723190548		
YLL063C	YLL063C::AYT1::Transacetylase					1.046593979	0.94066364
0.740100547		1.012168639	0.970969692		1.016001311		
1.063367459	1.234355798	1.147531804	1.226673238	1	0.445962811		
0.820639413	0.947335274	1.087103623	1	0.768160755	1.291224412		
1.503827948	0.937822762	1	1.081729146	1.113799516	1.223757172		
1.068505075	1.016827546	1	0.796729246	0.850074294	1.216594775		
1.315807966	0.997723565	1			1.153389717		
0.890509573							
YBL020W	YBL020W::RFT1::67 kDa integral membrane protein						1
		0.775421361	1	0.560355214	0.380209372	0.514501732	
		1.015377625	1.468875811	0.944432653	1	0.855607445	
0.718148931	0.847212237	0.768297847	0.526876476		1.039692564		
1.240899461	0.757620269						
YLL065W	YLL065W::YLL065W::not yet annotated					0.994879931	1.005576312
0.784938517	0.728352953		0.864459776	0.851246024	0.835103555		
1.192370075	0.905405759	1.731814804	0.782212235		0.259669777		
0.305557314	0.371330745		0.432750747		1		
1.03431374	0.86751649	0.97108248	0.875848411	1.04158199			
0.800969377	1.137919313		1.208211343		0.590863498		
0.971787993		1.081138286	0.837096518				
YBL022C	YBL022C::PIM1::mitochondrial ATP-dependent protease					1	
0.857801936	1.083642981	1.497398833	0.752716383	1	1.224073289		
1.490761391	0.959660373	0.819770642	1	1.222762207	1.564748268		
0.935725518	1.088550023	1	1.174659398	1.124324665	1.0361853		
1.109111844	1	0.665141786	0.719224472	0.581357274	0.73238737	1	
1.06960726	1.181535106	1.245764904	0.808610629	0.899440501	1		
1.212846711	0.940185268	1.113740293	0.771523183	0.341708795	1		
1.280157127	1.332533775	1.02242523	0.527744657	0.997055696	0.952678964		
YLL067C	YLL067C::YLL067C::molecular_function unknown					1	0.874694795
0.680705224		0.467207911	1	0.929238081	1.04066019		
0.60295124	1	0.887596919	0.859798038	0.505579853	0.866267131	1	
1.034686705		1.031838831	0.669618053	1	0.653645609	0.524124594	
0.370253202	0.987444743	1	0.779680952	0.972596525	1.591996878		
1.130327473	1.021482207	1	0.878403978	0.565687513	0.846224667		

	1.11614499	0.431346265	1	0.754706108	0.702614732	0.990914667		
	0.602627966	0.818357985	0.604180558					
YBL024W	"YBL024W::NCL1::Nuclear protein 1, similar to NOP2 and human proliferation associated nucleolar protein p120"						1	0.771081422
	0.643107446	0.966396445	0.837503435	1	0.93201762	0.894608481		
	0.692918805	0.843991733	1	0.649048178	0.63991802	0.425387245		
	0.788760816	1	0.680505421	0.639627259	0.568847011	0.623839646	1	
	0.486719241	0.363703654	0.318244936	0.792407516	1	0.846811017		
	0.695279922	0.701868008	0.941867273	0.734990242	1	0.978067223		
	0.685084086	0.644135431	0.743756093	0.805568854	1	0.793424506		
	0.707455656	0.892003526	0.873988464	0.696521127	0.792439695			
YBL026W	YBL026W::LSM2::Like Sm-D1 protein						1	1.078135745 1.461128454
	0.985866644	1.650113506	1	0.970316965	0.968440772	1.388987125	1	
	1.020482663	1.241304767	1.165329477	1.02390086	1	0.8230727		
	0.627934769	0.439027294	1.009776834	1	1.609149948	1.304756769		
	0.988160033	1	0.820816916	0.831590616	0.449828427	0.721041084		
	1.002650755	1	0.972878527	1.584796542	1.203214579	1.191817562		
	2.252522435	1	1.13830837	1.393233867	1.333508562	1.832080164		
	1.544645533	1.227624805						
YBL040C	YBL040C::ERD2::ER protein retention						1	1.260474428 1.300712756
	1.16138207	1.552700291	1	1.159416319	1.114831975	1.376213853		
	1.319379935	1	1.264277391	1.283257818	1.260378415	1.153562729		
	0.669184787	0.457656731	0.540104784	0.924200916	1	1.167836963		
	1.280745154	0.986297907	1.29270555	1	1.206957115	1.326080835		
	1.049042539	1.009142704	0.969522173	1	1.012998226	1.607796295		
	1.201937833	0.972128528	1.317652064	1	1.244529802	1.299963087		
	1.170343734	1.322462384	1.25656178	1.408003427				
YBL042C	YBL042C::FUI1::uridine permease						1	1.210621578 0.593614101
	0.925256451	0.56004556	1	0.967156894	0.808708004	0.533528557		
	0.822648896	1	0.503538487	0.270845694	0.225374541	0.981694447	1	
	0.293446955	0.440991355	0.712582582	1	0.400529411	0.246740941		
	1	0.750504934	0.516236013	0.730767849	1.487241778	0.596784854	1	
	0.445686075	0.368507528	0.545993813	1.407805771	0.63940299	1		
	0.618407883	0.711271914	1.290509887	0.877662378	0.413706997	0.901892695		
YBL044W	YBL044W::YBL044W::molecular_function unknown						1	1.358261837
	1.109151369	1.210445969	1.019492947	1	1.461528891	1.440169837		
	0.914835785	1.028286064	1	1.433326045	1.450933976	1.496126011		
	0.961319811	1.630614408	1.117076071	1.301846301	1.433061634	1		
	0.840128063	0.297627498	0.331109963	0.653879995	1	0.899202133		
	0.75241964	1.0028559	0.944984007	1	1.009024787	0.861263608		
	0.891500545	0.883919594	1	0.889382045	0.96319819	1.065967649		
	0.988461793	1.057753744						
YFL011WA	YFL011WA						1	1.032862391 1.190672867 0.665208423 0.843991929 1
	0.771011872	0.885583804	1.107414004	1	1.040525822	1.294951861		
	2.262949868	0.895962203	1	1.074943702	1.314911369	1.471155204	1	
	1.344472732	3.269195016	2.690952457	1.280223608	1	0.900707264		
	1.087450676	1.063475284	0.945398539	0.848129217	1	1.102872662		
	1.828297702	1.527961317	1.492651684	1.565517003	1	0.999591354		
	1.540079087	1.332653319	1.266948828	1.556806752	1.366849055			
YKL006CA	YKL006CA::SFT1::Required for transport of proteins between an early and a later golgi compartment. possible NSF attachment protein receptor (V-SNARE)						1	1.232726229 1.555611103 1.800407713 1 1.044742385
	0.978903932	1.653277662	1	1.116663746	1.416636433	2.223065186		
	1.524833015	1	1.434814271	1.733172745	1.098239547	1.745193805	1	
	2.147822355	3.206477283	2.446845527	1.443946305	1	0.9455559		
	1.169052599	0.907812522	0.718874414	0.946533484	1	0.87644985		

1.587943703 1.13746424 1.11984443 2.035024321 1 1.25506711
1.878050419 1.070452235 1.765860813 1.513307126 1.549854463
YLR337C YLR337C::VRP1::Involved in cytoskeletal organization and cellular
growth 1 1.025682566 0.90177967 0.62649392 1 1.06432381
1.16362711 0.772275508 1 1.267795516 1.372436347 0.988322701
0.917213487 1.053570484 1.756954515 0.715962716
0.760388928 0.837093159 1 1.314067789 1.034242583 1.103618991
1.074279789 1.131754646 1 0.69823132 0.697725846 0.732280027
0.780494157 0.460401184 1 0.715520533 1.03156576 0.90844296
0.667346953 0.83794503 0.682111082
YMR135WA YMR135WA::YMR135W-A::molecular_function unknown 1 1.319852864
1.127601608 1.098692575 0.865866428 1 1.083035852 1.09170963
0.985197837 1.013258817 1 1.187690152 1.336071826 1.058552472
1.311759065 1 1.043709031 0.804226592 0.825943792 1
1.254525551 1.626290757 1.301465629 1 1.171962026 0.968186665
1.190362219 1.315580719 1.136502248 1 0.884217994 1.026892228
0.943932263 0.932204262 0.809815422 1 0.958898791 1.006978397
1.043891299 1.071403052 1.481408481 0.980698884
YMR169C "YMR169C::ALD3::Expression induced in response to heat shock,
oxidative and osmotic stress. NAD+ is preferred coenzyme." 1 1.113090763
1.088633948 2.298736498 1.640589022 1 1.291687746 2.255512239
1.904579742 2.664227637 1 1.08989849 1.952309944 5.337117062
2.867623555 1 2.651983328 13.77708632 4.241400361 1
2.92228713 2.717126382 6.69349302 1 1.149202818 1.437946343
2.110120442 1.247360601 1.025264439 1 0.940255308 1.155958656
1.535082714 1.421558201 0.664441757 1 1.085711619 1.351092665
1.596413562 1.086774128 1.960100297 1.088400659
YLR354C "YLR354C::TAL1::Transaldolase, enzyme in the pentose phosphate
pathway" 1 1.055978027 1.017280419 0.98412614 0.992988058 1
0.966775321 1.024446311 1.030654859 1.095167919 1 0.916324272
0.988503527 1.001090688 1.015054828 1 1.578514097 1.539486063
2.090550825 1.992783123 1 1.291540681 0.781285055 1.449680631
1.802528425 1 1.233789839 1.239060386 1.928438536 1.812270403
1.526446495 1 1.022616837 1.032907375 1.128006886 1.20563669
0.704936282 1 1.241531155 0.927741907 1.32559343 1.044585286
0.98329359 1.592760061
YLR368W "YLR368W::FLM1::F-box protein, loss of mitochondrial function" 1
0.739777083 0.824737922 0.898138169 0.899244913 1 0.877791915
0.924781689 0.967037225 0.849346031 1 0.842011379 0.864953516
0.636124805 0.99242657 1 1.208134963 0.49730746 0.881308895
1.522862343 1 1.853595327 2.275002262 1.960779616 2.14765121 1
1.314711723 1.308024779 1.388818734 1.925595096 1.569716144 1
0.934620039 0.618916548 0.732453613 1.12671465 0.370127674 1
0.606524296 0.44556981 0.550357336 0.495988496 0.612185277 0.394906428
YLR370C YLR370C::ARC18::Arp2/3 complex subunit 1 0.966600648
1.493584767 0.943483462 1.431201035 1 1.034409099 1.031362974
1.409188935 1.255159785 1 1.16323979 1.423266739 1.996774343
1.147055146 1 1.615375742 1.157984472 1.55577192 1.746867388 1
1.975133647 3.067325641 2.768470742 1.596794091 1 1.222388571
1.354204272 1.063564504 0.825346941 1.024892112 1 1.015374881
1.751298521 1.270763894 1.127819467 1.572166802 1 1.128923803
1.651657887 1.283536304 1.813780952 1.644126559 1.415883994
YLR372W YLR372W::SUR4::Required for conversion of 24-carbon fatty acids to
26-carbon species 1 1.985444027 1.262294653 1.634803044 1.439067824 1
1.723832945 1.411690528 1.379473809 1.744504118 1 1.314080431
0.777413024 0.683099722 1.399050508 1 0.771696892 0.281823002
0.39253934 1 0.580142789 0.372565646 0.24872609 0.557963684 1

1.19370241	0.731371654	0.984355922	1.459981486	0.961953202	1
0.759948182	0.539434238	0.573484003	0.508341473	0.363778253	1
1.12437797	0.646117278	0.913714312	0.981210121	0.791371338	0.717136061
YLR374C	YLR374C::YLR374C::molecular_function	unknown	1	1.345716471	
0.911449695	1.30862339	0.446926756	1	1.385274043	1.535588463
0.986529579	1.114372981	1	1.463170767	1.319784647	0.919293807
1.092262307	1	0.639500101	0.38874213	0.785464744	0.694877847
1.034172666	1.037204698	0.855158877	0.518122756		0.92784522
0.855972937	0.771889063	1.472754097	0.87840848	1	0.814917296
0.743849647	0.763712953		1	0.68767054	0.353352401
0.727656472	0.316552748				
YLR376C	YLR376C::PSY3::Platinum	Sensitivity	1	0.891552883	
1.124558352	1	1.031539531	1.035074478	1.767960005	1.538398107
1.008804378	1.2065308		1.575135593	1	0.505451076
0.979244362	1.212550471	1	0.876224769	1.982444597	1.599035109
0.965606582	1	0.726402537		0.667570539	0.694252292
0.858825369	1.319407613	1.034774371	1.693960745	2.003353352	1
0.806366747	0.809930931	1.008253161		1.568819117	1.500819524
YLR378C	YLR378C::SEC61::membrane	component of ER protein translocation			
apparatus	1	1.138332101	0.822249884	0.76859651	0.365807
0.985457757	0.997170664	0.54010843	0.548810356	1	1.317782013
0.949685073	0.820378149	0.615559486	1	1.151326492	0.852394824
1.30960232	0.665929751	1	0.275679709	0.209582545	0.140457922
0.244601062	1	0.895388654	0.553809902	1.011354905	1.250870786
0.560052308	1	0.671929552	0.422837773	0.416388119	0.643529714
0.170866322	1	0.584282365	0.388688531	0.559722781	0.322053815
0.464983024	0.478090707				
YLR392C	YLR392C::YLR392C::molecular_function	unknown	1	0.949352131	
1.237564866	1.467043502	1.289034232	1	1.196358512	1.2851423
1.32791367	1.0978172	1	1.206886564	1.623603131	1.300549509
1.30374275		1.16432736	1.27112055	1	1.181464739
1.644592718	1.604526803	1	1.087552319	1.052972402	1.523971365
1.089443267	1.195876759	1	1.14718548		1.177935893
0.785970851	1	1.199143029	1.250619985	1.007802983	1.011754416
1.026003901					
YLR002C	YLR002C::NOC3::Nucleolar	Complex 2; involved in the nuclear export			
of pre-ribosomes	1	0.752638119	0.554149796	0.671213105	1
0.762367685	0.64961494	0.630659181	0.779308699	1	0.39556653
0.996439015	1	0.301194701	0.612127902	0.22544689	0.36940719
0.438486784		0.405178611	1.137825102	1	0.806131589
0.761601071	1.017910001	0.910678359	1	0.636581283	0.475481647
0.435890446	0.834033663	0.732277839	1	0.768906598	0.794937909
1.147713881	1.101984026	0.543775253	0.874748387		
YLR394W	YLR394W::CST9::Chromosome	STability; involved in meiotic chromosome			
synapsis	1	1.055192152	1.170223194	1.022189226	1.185743131
1.161499071	1.284084843	0.9320554	0.875321262	1	1.143302026
1.063534534	1.108152302	0.878273399	1	1.307297048	0.739948283
1.811910873	1.124634591	1	1.024338572	1.260467746	1.502036492
1.011710932	1	0.955115263	1.047071121	0.903144413	0.9567568
0.885281216	1	1.144626628	1.093864866	0.666667797	0.777011196
0.945436236	1	0.792074492	0.979726601	0.778755381	1.119434029
0.947163248	1.410630213				
YLR004C	YLR004C::YLR004C::molecular_function	unknown	1	0.962704882	
0.89147005	1.12178909	0.94832257	1	0.77472144	0.817749221
0.9479223	1	0.817635632	0.848732979	0.919123261	1.122098004
1.158882499		1.913808673	1.568731789		0.296862579
0.437366664	0.494645984	1	0.93646577	1.074878525	1.059250263

	0.931530624	1.137388167	1	0.669419009	0.852637561	1.09636784	
	1.236953861	1.492728175	1	0.899377973	0.871385334	1.166982621	
	0.58127023	1.353512048					
YLR396C	YLR396C::VPS33::vacuolar sorting protein essential for vacuolar morphogenesis and function						
				0.965328983	0.917887301	1.269095699	
	1.075886909	1.192567097		1.263139274	0.853287112	0.879708433	
	1.010319615	0.980503644	0.821501909	0.910459777	1	1.166304737	
	0.694817683	1.272446152	1.150007799	1	0.908874201	1.041913114	
	0.670385648	1.111478479		0.917573867	0.990351453	0.864839062	
	1.128152107	1	0.76571679	0.504877228	0.515731718	0.985107472	
	0.492498671	1	0.48517639	0.316324739	0.414830967	0.289060228	
	0.659327675	0.600678055					
YLR006c	YLR006c::SSK1::Two-component signal transducer that with Sln1p regulates osmosensing MAP kinase cascade(suppressor of sensor kinase)						
	0.93085295	1.047712579		0.868345527		1.095708805	1.163186555
	0.792976622	1.326195229	1.453303109	1.380076439	1.07003503	1	
	1.605616443	1.321059713	0.924409017	1	2.028464552	1.992552053	
	1.820827131	1.230398208	1	1.059291724	1.104352893	1.071726771	
	1.297284635	1.018573189	1	1.01379124	0.600072423	0.91018309	
	0.919102661	0.70397049	1	0.943446374	0.713374216	0.984417915	
	0.675899235	1.098609135	0.678608579				
YLR020C	YLR020C::YLR020C::molecular_function unknown 1 0.871751649						
	0.754649653	1.089978162	0.833098263	1	0.860362872	0.798724342	
	0.836421797	0.846981526	1	0.824153836	0.777453679	0.562431686	
	1.029443643	1	0.856458758	0.726123852	0.673568651	0.69934884	1
	0.867581202	0.775150762	0.585412903	0.902100719	1	1.006289374	
	1.062583612	0.972876619	1.071893113	0.999100755	1	1.101917143	
	1.057678211	1.059633603	0.992635648	1.053215581	1	1.08894432	
	1.086418998	1.024909516	1.11356166	0.998501039	0.945673958		
YLR022C	YLR022C::YLR022C::molecular_function unknown 0.770785646						
	1.007853919	1.135604007		0.750651366	0.722735348		
	1.230352782	0.698060923	0.78271059	0.953549838	0.972136049	1	
	1.942411716	0.705311443	0.97522902	1	1.513415275	1.70555867	
	1.758233171	2.231851081	1	0.743652008	0.908134711	0.716055267	
	0.761264762	0.95446217	1	0.958328246	1.014586666	0.81496105	
	1.150056739	1.725414104	1	0.857291217	1.051681547	0.895813564	
	0.899267162	0.872596248	1.28366475				
YBL046W	YBL046W::YBL046W::molecular_function unknown 1 0.908413356						
	1.10667945	1.087733465	1.154414524	1	1.039232873	0.957391237	
	0.993784951	1.150883359	1	1.052106347	1.028948078	0.912291485	
	1.061402751	1		0.748770268	0.852012609	0.69384355	
	0.591537833	0.635973367	1		0.920931298	0.82679949	
	0.846924534	0.911031899		1.230254171	1.03934017	0.76811161	
	1.267071935	1	0.941577631	0.819658621	0.774410851	0.977820563	
	1.130914525	1.016599476					
YLR024C	YLR024C::UBR2::ubiquitin-protein ligase (E3) 1 1.110943244						
	1.332020374	1.152755014	1.434815389	1	1.144330005	1.248601281	
	1.498611435	1.300408282	1	1.401549871	1.358154113	1.373498878	
	1.252864401	1	1.420950911	0.861375129	1.136425969	1	
	1.074971655	1.046884962	1.116990517	0.769921054	1	1.026486468	
	1.006610322	1.110658241	1.024321382	1	1.153654941	1.264269944	
	1.416256915	0.969433649	1.352797886	1	0.865089676	1.259772403	
	0.835523452	0.979136442	0.652148947				
YLR024C	YLR024C::UBR2::ubiquitin-protein ligase (E3)						
					1	0.858138334	
	0.846351874	0.894337399	1.110859481	1	1.064659515	1.289204316	

1.126372672 1.041230795 1.120011156 1 0.864319841 1.441501359
1.103284111 0.819034876 0.894862626 1.169833634
YBL048W YBL048W::YBL048W::molecular_function unknown 1 1.656738949
1.651103138 1.574480797 1.732489272 1 1.433334413 1.393895167
1.686064691 1.664998123 1 1.412630285 1.599714838 2.005045477
1.46532783 1 1.199710165 0.906587315 0.506412648
1.109337998
1.017433767 0.861249297 1.062265328 1.263243972 0.902203178
1.042691 1.25524978
YLR026c YLR026c::SED5::Sed5p is a t-SNARE (soluble NSF attachment protein
receptor) required in ER to Golgi transport. 1 0.659099865 0.742086299
0.714162528 0.806895866 1 0.685838931 0.718242563 0.82622679 1
0.659117614 0.715778676 0.821002541 0.876884442 1 0.452716953
0.481269442 0.510417998 0.989887001 1 0.949565421 1.745092221
2.224894634 1.491556131 1 0.982180611 0.739297074 0.655008846
0.942789743 1 1.041592271 1.178669559 1.091018394 1.03516307
1.192066753 1 1.315564397 1.308136878 1.263453747 0.585881698
1.326636663 1.084898103
YBL050W YBL050W::SEC17::peripheral membrane protein required for vesicular
transport between ER and Golgi
similar to alpha-SNAP
part of cis-SNARE
complex
required for 'priming' step in homotypic vacuole fusion 1
1.112634867 1.312612413 1.203997136 1.435206068 1 1.123129948
0.996701688 1.30781921 1.31066961 1 1.010219233 1.315382139
1.603874576 1.198916471 1 1.338509279 1.004196462 0.859196605
1.411734517 1 2.081792401 2.486416713 2.444429151 1.439609918 1
0.983143571 1.295894598 1.041611396 0.711289905 0.929776061 1
1.196531568 1.844660842 2.072229357 1.240006913 1.42548069 1
1.568528094 1.923170336 1.065763043 1.387192234 1.423780692 1.554232579
YLR028C YLR028C::ADE16::AICAR transformylase/IMP cyclohydrolase 1
0.689960075 0.754867756 0.849914185 0.351554781 1 0.904888193
0.893235135 0.679020267 0.713762908 1 0.901079484 1.06669985
0.834035354 0.876707685 1 1.437338885 1.192428207 1.2838283
1.172305683 1 1.420231602 0.816574417 1.059413682 1.223679557 1
1.063557644 1.1185607 1.660138674 1.197845214 1.082500081 1
1.014257597 0.777286499 1.159197071 1.018218715 0.336658939 1
1.084799171 0.978972707 1.181449031 0.471378745 0.96253254 0.59104621
YBL064C YBL064C::YBL064C::molecular_function unknown 1 1.514924626
2.198363256 2.146598543 2.520588438 1 1.569889924 1.855267852
2.557728581 2.641497735 1 2.301765325 3.612427224 2.170190539 1
1.82911512 2.5612311 2.351881693 6.293274411 1 3.778867942
6.297445315 10.75565704 6.696112801 1 1.945220246 3.271332202
2.022026085 0.563699953 0.704917408 1 1.888624739 3.958820024
2.976599844 1.04961561 1.48666191 1 2.765274621 4.161780549
1.684066957 0.815420202 2.375086737 4.200368268
YLR030W YLR030W::YLR030W::molecular_function unknown 1 1.95910133
1.347365116 1.591348978 1.276525731 1 1.390648235 1.101320922
1.291101967 1.349272035 1 1.34506728 1.133573883 1.413732576
1.397908811 1 0.710415508
1 0.914889998 0.779189299 1.149027103 0.888276703 0.961793863 1
0.660027002 0.832972994 0.697144784 0.565433595 1
0.832390908 0.926703679 0.968440097
YBL066C YBL066C::SEF1::Suppressor of Essential Function 1 1.163589421
1.159430993 1.265185071 1.249561387 1 1.22196371 1.267733864
1.161977601 1.239595939 1 1.233530777 1.354074043 1.500398632
1.269323767 1 1.028906885 1.142395319 1.127040157 1.039256382 1
0.898677663 0.769787331 0.726740888 0.775635387 1 1.284608831
1.292589095 1.369987442 1.703299575 1.563246347 1 0.856431973

	0.437660323	0.878555152	1.442268108	0.504522529	1	0.667432012		
	0.461272089	0.864188823	0.466846059	0.645372106	0.605931783			
YLR044c	YLR044c::PDC1::pyruvate decarboxylase					1	0.89106314	
	0.600302993	0.564431385	0.455441502	1	0.844506354	0.865678281		
	0.451530109	0.519495685	1	0.914813946	0.760728247	0.527240572		
	0.488563164	1	0.708676198	0.718382179	1.275818627	0.770524916	1	
	0.883574569	0.512823701	0.521356791	0.810707932	1	1.062424732		
	0.87855893	1.305414138	1.555185226	0.936912424	1	0.774636363		
	0.649599991	0.72995638	0.57911328	0.377566598	1	1.257100853		
	0.981429088	1.515364401	0.807740857	1.122859783	1.117296244			
YBL068W	YBL068W::PRS4::ribose-phosphate pyrophosphokinase					4	1	
	1.077181477	0.931591841	0.932678604	1.115971298	1	0.912467187		
	0.803878664	0.927067538	1.022950206	1	0.75909132	0.601868431		
	0.565368655	1.022376697	1	0.353937852	0.306305434	0.261147507		
	0.548804858	1	0.692072159	0.379723142	0.397804513	1.035171516	1	
	1.098101834	0.952976271	0.942180054	1.228642216	0.954878036	1		
	0.92920258	0.89202177	0.803904787	0.836569429	0.98169358	1		
	0.867262448	0.838863556	0.8230159	1.0046373	0.599742006	0.988579451		
YBL070C	YBL070C::YBL070C::molecular_function unknown					1	1.140058476	
	0.787983724	1.106854565	1.075780011	1	1.231187988	1.052145412		
	0.737940508	0.966344221	1	0.792021529	0.70436954	0.487243601		
	0.980849488	1	0.602712004	0.402651626	0.263629071	1		
	0.940721328	0.353277725	0.513483027	1.218555309			0.963851	
	1.020025537	1	0.879487381	0.844178369		0.871546035		
	0.642256092	1.043101348		1.104209785		1.190546106		
	0.886131457							
YBL072C	YBL072C::RPS8A::Homology to mammalian S8					1	1.183226759	
	1.165100582	1.029949445	1.24363535	1	1.095364685	1.037488486		
	1.170780589	1.282141541	1	0.990438717	1.129230781	1.007919625		
	1.065831068	1	0.885630166	0.529701099	0.434686379	0.993674948	1	
	1.282560574	0.679102559	0.680317602	0.897993642	1	0.975445769		
	0.810114962	0.813956558	0.980452505	1.021714184	1	1.390315323		
	1.163925885	0.941369795	0.641710535	1.057162867	1	1.155742665		
	0.982332119	0.884027868	1.177987088	1.08007411	1.213614897			
YBL074C	YBL074C::AAR2::splices pre mRNA of the MATa1 cistron							
	1.172185251	0.928136667	1.325002946	0.897714569		1.310007717		
	1.357600088	0.832087468		1.136910998	1.194162439	0.543383194		
	1.174786847	1.070323378	1.406187188	0.951100908		1		
	0.926982925	1.171026963		0.870782156				
	0.870660392	1.120497116		1.149831192	0.660845097	1.231608337		
	1.400342874	1.008043187	1	0.769150276	0.750109767	1.056860432		
	0.449524412							
YBL088C	YBL088C::TEL1::Involved in controlling telomere length; ataxia telangiectasia (ATM) gene homolog					1	1.505972469	1.308224969
	1.329670925	1	1.307382153	1.171222938	1.511335672	1.309472399	1	
	1.333706643	1.133931605	1.275451688	1	1.018303962	1.038112558		
	0.945630448	1	0.868365059	1.029341427		0.426266467	1	
	1.174951842	1.033831802	0.929918082	1.084974968	1.215337689			
	0.732501205	0.978488928		1	0.843311544	0.823510123		
	1.140418482	0.408111314		0.686489198				
YLR398C	YLR398C::SKI2::blocks translation of non-poly(A) mRNAs						1	
	1.0478949	0.943875055	1.220586675	0.914296926	1	1.243330666		
	1.137951099	0.958889791	0.924236476	1	0.924917255	1.082992059		
	0.738209451	1.06175387	1	0.933722879	0.970736747	1.024587208		
	0.843389037	1	0.614970635	0.367886445		0.326258013	1	
	1.057066971	1.215039296	1.155075266	1.887851164	1.48454189	1		

	0.709967638	0.323258755	0.532744073	1.13511934	0.268141434	1	
	0.51062839	0.392987364	0.47396274	0.290865448	0.671157945	0.383523306	
YLR400W	YLR400W::YLR400W::molecular_function unknown					1	0.997288415
	1.013810099	0.804797348	1.003955662	1	0.927127381	0.8896412	
	1.355212811	1.319822287	1	0.753586579	0.714608315	1.00750825	1
	0.631228786	0.552905786	0.789481939	0.939496031	1	0.921882082	
	1.262163201	0.443900298	0.388681376	1	0.738240779	0.603736364	
	0.659968887	0.970177317	1	0.65707602	0.827084611	0.578276022	
	0.95616094	1.475599386	1	0.75365549	1.12798512	1.462596468	
	1.623725952	1.092402802	1.020977592				
YLR402W	YLR402W::YLR402W::molecular_function unknown					1	1.171196892
	1.13495175	0.74020141	1	1.20062416	1.340041397		1
	1.083926237	0.937629715	0.701802094	0.97786029	1	0.536061441	
	0.611502001	0.841455065	0.643096561	1	0.834046323		
	0.800071441	1	1.214937438	1.048901818	1.356127759		1
	0.755057858		0.883828305	0.479539367	1	0.713937012	
	0.753304977	0.82341328	0.943177558	0.739165665	0.750409762		
YLR416C	YLR416C::YLR416C::molecular_function unknown					1	0.969610202
	1.011676266	1.310987999	0.882773921	1	1.147843485	1.230152013	
	1	0.904729463	0.811957844	1.105505471	1	0.494939386	
	1.252614853	2.415585233	0.904390712	1	0.434011253		
	0.292796993	1	0.870282024	0.987806607	1.107364463	1.332296484	
	1.938521381	1	0.861476476	0.625300017	1.006776057	0.332715806	1
	0.867780554	0.547151513	1.019331549	0.5695012	0.64602892	0.39665768	
YLR418C	YLR418C::CDC73::accessory factor associated with RNA polymerase II by affinity chromatography						
	0.829317781	1	0.898837458	1.001343751	1.036948224	0.865859312	1
	0.803124307	0.794992077	0.728495809	0.873631549	1	0.905221483	
	0.769710463	0.918648669	1.25659706	1	1.952695446	1.457139045	
	1.45037162	1.6078044	1	1.04595911	1.098175287	1.445578033	
	1.188727621	1.310786755	1	0.993606571	0.827080359	0.765850165	
	0.734958433	0.611735045	1	0.838332195	0.577409443	0.742034174	
	0.773544595	0.607921042	1.431645232				
YLR420W	YLR420W::URA4::Third step in pyrimidine biosynthesis pathway						1
	0.884047168	0.860256638	0.801990372	1	0.880341849	0.832120466	
	0.864322253	0.716444191	1	0.744723592	0.701698386	0.453165414	
	0.789125881	1	1.364762773	0.685795955	0.558805899	0.887749968	1
	0.843816235	0.652208861	0.464804552	0.76643447	1	0.879996098	
	1.026723026	1.038403189	1.0511141	1.046200348	1	0.955359196	
	0.730178251	0.63941977	1.018095802	1.029320672	1	0.882026408	
	0.737178697	0.965830205	0.916899024	0.814130301	1.01309692		
YLR422W	YLR422W::YLR422W::molecular_function unknown					1	1.291625955
	1.458469219	1.498202992	1	1.313693406	1.375580798		
	1.183325375	1	1.22281523	1.338267267	1.356686959	1.313002086	
						0.817142899	
	1.375079055	1.053906297	0.659284818		0.808576987		
	0.923709		2.462310155		1.811154255	0.819971044	
	47.283696						
YLR422W	YLR422W::YLR422W::molecular_function unknown						
						1	0.882999119
	0.845640904	0.829572808	0.812036669	0.947630705	1	0.885144867	
	0.707054402	0.916448361	0.947737678	0.7595021	1	1.025800884	
	0.98776163	1.174125046		0.872121497			
YLR424W	YLR424W::YLR424W::molecular_function unknown					1	0.556518497
	0.705047927	0.689681176	0.699414903	1	0.69046457	0.652888952	
	1	0.587852029	0.546710681	0.55367226	0.686497621	1	0.845058221

0.88077457	1.076061984	0.825087734	1	0.651603747	0.577548516
0.666381882	0.870193268	1	0.869416381	0.723466155	0.913615533
0.876747216	1.064672468	1	0.980594571	0.826403251	1.305898737
1.166391393	0.784850636	1	0.94353396	0.924011786	1.241013619
1.032543933	1.065446076	0.761792884			
YLR046C	YLR046C::YLR046C::molecular_function	unknown	1	1.42057348	
1.082596189	0.84060621	1.023286169	1	0.969429497	0.937872049
1.134379128	1	1.951210217	1.264184418	1.376789919	0.988953945
1.125914288	0.961374277	0.923214652	0.843236794	1	0.935712753
1.704672203	1.199558143	0.89088199	1	1.471810786	1.718921369
1.707103099	1.149248314	0.932263442	1	1.518153818	1.68653125
1.404668884	0.720532253	0.779233971	1	1.262845949	1.756778786
0.904048989	1.004458706	0.906530481	1.96840267		
YLR426W	YLR426W::YLR426W::molecular_function	unknown	1	0.942337349	
1.111402709	0.880798664	0.789588276	1	1.048124748	1.022723471
1.224743671	1	1.078287505	0.970641187	0.989633311	0.851018131
1.095770052	0.921480868	1.255850752	1.045537879	1	0.76669444
0.738382572	0.674207853	1.113870749	0.983908674	1.137627123	
1.276903966	1.107100852	1	0.794319091	0.728947921	0.932113327
0.846702837	0.779752214	1	0.935785281	0.769253892	1.077128306
0.801725528	0.81518616	0.79331536			
YLR048w	YLR048w::RPS0B::Homology to rat Sa; closely related to mammalian p40/laminin receptor precursors (LRPs); required for translation and contributes to the assembly and/or stability of the 40S ribosomal subunit		1		
1.12859542	0.823985813	0.682051059	0.89255663	1	0.960474816
0.888278405	0.870359868	1	0.882108194	0.678651042	0.545979402
0.676578127	1	0.773108662	0.420078957	0.270793883	0.528672888
0.872413528	0.337570781	0.27752885	0.572770406	1	1.279465781
0.911155851	1.435190339	1.514551548	1.339268662	1	1.135193517
0.986531387	0.65414522	0.482421495	0.572099543	1	1.160926137
0.805630679	0.913123664	0.843712905	0.754285055	0.830967177	
YLR440C	YLR440C::YLR440C::molecular_function	unknown		0.953016124	
1.190064761	1.261268711	1.122877399	1.284582395	1.195039681	
1.146099065	0.95847746	1.074640506	0.904470071	1.080803829	1
0.750609546	0.708705431	0.825485829	0.874927123	1	0.673294996
1.153319123	1.068558794	1.12999092	1	1.14243912	1.052269628
1.158320043	1.076321572	1.161507317	1	0.955838407	0.744510221
1.11345182	0.892268695	0.571799784	1	1.025016743	0.901564997
1.014387778	0.934206398	1.008469436	1.073514981		
YLR050C	YLR050C::YLR050C::molecular_function	unknown	1	1.508800336	
1.342477226	0.998149443	1.881852207	1	1.115606634	1.049683306
1.766923396	1.621764354	1	1.046534328	1.187497721	1.779129172
1.481117623	1	0.955050624	0.904992576	0.902849362	1.598291916
1.067480451	1.514388855	1.368953853	1.095822732	1	1.169878106
1.143660553	1.037410795	1.296311207	0.900439549	1	0.889052147
1.127263924	1.291918612	2.117468518	1.726388136	1	1.00604446
1.306099631	1.53703127	1.723883828	1.258367214	1.202231775	
YLR052W	YLR052W::IES3::Hypothetical ORF		1	0.894244583	1.038579907
0.939385284	1.307276653	1	0.865929485	0.858429201	1.068333034
0.73567413	0.861724849	1.024372887	1.157959212	1	0.910945386
0.851732643	0.854499676	1	1.422906347	1.77779775	1.449635617
0.727317146	1	0.725934282	0.947096215	0.672401328	0.634662138
0.924243234	1	0.979325981	1.261601313	0.869352985	1.237849266
1.704043165	1	0.909219723	1.094657389	1.160506137	1.301599337
0.989349979	1.000838238				
YLR054C	YLR054C::YLR054C::molecular_function	unknown	1		
2.2334889	1		1	1.511798697	

1							1
0.955644493	1.136819789	1.258128369	1.268769369	1.120045707	1		
0.895023825	1.164644082		1	1.032167152	0.858370619		
1.093727264	0.797800233	0.944613719	1.12430125				
YLR068W	YLR068W::FYV7::Function required for Yeast Viability on toxin exposure						
1	0.792084005	0.982621467	0.81041921	1.344006586	1		
0.73823242	0.716063853	1.218757264	1	0.552499738	0.527305424		
0.957874909	1.03055126	1	0.255947245	0.378560035	0.744954624	1	
0.597791189	0.574415593	0.319246407	1	0.76397904			
0.60338133	0.752041927	1.136993769	1	0.988609269	0.90375954		
3.64032199	1	0.889530922	0.785978428	1.901768028	1.310124009		
1.118171805							
YLR070C	YLR070C::XYL2::XYLitol Dehydrogenase						1
1		1	1.405320299	1.767120171	2.477938067		
1.017840213	1	0.513183416	0.489529217	1.824566881	1.339438188	1	
0.97867134	3.120502984	2.669789812	0.892281568	1	0.938067779		
1.077414993	1.335560685	1.077443682	1.02164944	1	0.675053349		
0.911259358		1	0.841483877	1.288409791			
1.415731921	0.806449707						
YLR072W	YLR072W::YLR072W::molecular_function unknown						1
1.301508492	1.090802381	1.315641444	1	1.194189472	1.0181679		
1.301517358	1	1.221698294	1.078948067	1.233017593	1.162437878		
				1	0.903811388		
0.63489691	1.127695221	0.879102306	1	0.676630113	0.666736463		
0.919294201	1.272836109	0.928716007	1	0.82089104	0.774237768		
1.101582827	0.947399572	0.860738375					
YLR074C	YLR074C::BUD20						1
1.142655823	1	0.770728082	1.201118352	1.499623108	1		
0.603768414	0.491340512	0.650483579	1.269323681	1	0.352677956		
0.253966295	0.203847537	0.624206791	1	0.781925276	0.917966803		
0.727019489	1.612699269	1	0.939068395	0.754429976	0.746761431		
0.751845217	0.865174741	1	0.933889774	0.824901954	0.706437924		
1.283618105	1.750260761	1	0.534401566	0.576785497	0.817312729		
1.09845097	0.562992713	1.311684775					
YLR076C	YLR076C::YLR076C::molecular_function unknown						1
1.528615544	0.980790702	1.752447337	1	1.151431316	0.822739475		
1.38426747	1	1.135452983	1.064511108	1.182815659	1.088098815	1	
0.71192813	0.403509547	0.372420209	0.664914473	1	1.887597756		
1.585837672	1.205965771	0.857963277	1	0.970556053	0.930654346		
0.832264596	0.886722541	1.078559866	1	1.077620461	1.683973504		
0.871653293	0.64499628	1.560518512	1	1.510452705	1.471863702		
0.979533114	2.015538517	1.386952104	1.383485958				
YLR442C	"YLR442C::SIR3::regulator of silencing at HML, HMR, and telomeres"						
1	1.355805273	1.537772225	1.703162016	1.515562783	1	1.559447317	
1.507120257	1.568879463	1	1.23366925	1.485917259	1.310401435		
1.51864319			0.385083722	0.358563434			
0.477251837	1	1.113971097	0.863585491	0.924208882	1.044476449		
0.978001293	1	0.651113353	0.707229761	0.623598963	0.931842791		
0.808216071	1	0.775192148	0.961039289	1.086889608	0.816635012		
0.855269063	0.943922628						
YLR444C	YLR444C::YLR444C::molecular_function unknown						1
1.473853934	0.889798402	1.655910629	1	1.034895648	0.908451546		
1.469131239	1.487192572	1	1.031991265	1.05691292	1.450452656		
1.122035013	1	0.51428175	0.742192615	1.038626961	1		
1.345482617	1.930589865	2.217040591	1.3727901	1	0.937422372		
0.988181641	0.61563545	0.773455876	0.851589629	1	0.813352091		

	1.20721102	0.98867209	1.540462502	1	1.031191265	1.257010496	
	1.121494775	0.890509573					
YLR446W	YLR446W::YLR446W::molecular_function unknown			1	1.495500027		
	1.228163197	1.392069794	1.014370468	1	1.371819014		1
	1.188680655	1.336407699	0.849429913	1.278339921	1	1.110616571	
	1.590059534	1			1	1.023057202	
	0.771603983	1.013960774	0.957505507	0.994816797	1	0.963741367	
	1.159437489	1.017626389	1.098062815	1.4770987		0.794256925	
	0.627714117	1.038520228	0.940308922	0.956436804	1.054251293		
YLR446W	YLR446W::YLR446W::molecular_function unknown			1	1.215598362		
	1.193934727	1.127433898	1.093071803	1	1.025410795	1.086588564	
	1.300234537	1	0.960674979	1.011375509	1.234492457	1.095056693	1
	0.768079788	1.153021021	1.099673394	0.799697914	1	1.071472612	
	1.749271584	1.08563448	0.643933221	1	0.719966192	0.701362687	
	0.865597255	0.958849726	0.718197054	1	0.840865386	1.070498982	
	1.54368941	0.828268202	1	0.695560348	0.853539366	0.818208807	
	0.580998608	0.619941796					
YLR448W	YLR448W::RPL6B::Homology to rat and human L6; involved initiation of protein synthesis			1	1.275502743	1.266914686	0.978499526
	1.10189962	0.970815931	1.304439473	1.234726914	1	0.859873333	
	0.789088945	0.76952343	0.979875791	1	0.728252297	0.353372292	
	0.251879348	0.743007663	1	0.934419502	0.562056056	0.346624524	
	0.607881568	1	1.373780957	1.436298806	0.961727939	1.546432852	
	1.506121854	1	1.290600945	0.738534077	0.872397305	0.576638074	1
	1.104942668	0.905177687	0.798206756	1.096330401	0.520271336	1.171584964	
YLR450W	YLR450W::HMG2::Induces cells to assemble peripheral ER membrane arrays and short nuclear-associated membrane stacks.			1	1.327711742		
	0.967396508	1.45641541	1.124652044	1	1.511239178	1.609665026	
	0.779453036	1.095480602	1	1.605203403	1.273796559	0.532123337	
	1.126937918	1	1.714619374	1.557171537		0.423756779	
		1	0.932045225	0.905816143	0.939574036	1.168144062	
	0.969988801	1	1.392591472	0.667502008	1.008332121	0.954384428	
	0.378263814	1	0.806114563	1.032329915	0.98876642	0.75229923	
	0.663723006						
YLR464W	YLR464W::YLR464W::molecular_function unknown			1	0.761504654		
	0.5701268	1.008715412	0.380851036	1	1.139790765	1.115516711	
	0.424594187	0.448033001	1	0.823809709	0.748457157	0.198163551	
	0.732420815	1	0.737383469	0.461368733	0.852968207	0.568895558	1
	0.400004083	0.377960615	0.273379215	0.41509609	1	0.989751302	
	0.970043286	0.968185726	1.150248172	1.056881385	1	0.987138704	
	0.513464275	0.890494781	1.022647718	0.380522361	1	0.725029979	
	0.507663576	0.909917015		0.788862495	0.699623598		
YLR466W	YLR466W::YRF1-4::Y'-helicase protein			1	1	0.889623411	
	0.728532458	1.011716744	0.496924926	1	1.107635984	1.079255851	
	0.624915922	0.624785406	1	0.93964504	0.894239422	0.358634844	
	0.884167893	1	0.712239761	0.763120182	0.807692688	0.631476836	1
	0.557832181	0.391725306	0.341966906	0.702241899	1	0.883649942	
	0.921555476	1.429518438	1.053039914	1.07275675	1	0.964387905	
	0.728719293	0.983157407	1.393520305	0.559832412	1	0.785250432	
	0.702717068	1.255472142	0.834849537	0.612151826	0.633076143		
YML001W	"YML001W::YPT7::Gtp-binding protein of the rab family; required for homotypic fusion event in vacuole inheritance, for endosome-endosome fusion, and for fusion of endosomes to vacuoles when expressed from high copy plasmid"			1			1
	1.353901042	1.620524844	1.213056076	1	1.163992923	1.257815296	
	1.591319483	1.622871473	1	0.969455996	1.386948592	1.683469862	
	1.279397766	1	0.907921781	0.7809382	0.696535834	1.536003316	1
	1.279603966	1.309939999	1.43713826	1.167665548	1	1.167872651	

1.322872106 1.061359767 1.00485786 1.01773463 1 1.288009578
2.060885303 1.80807615 1.158278626 1.659507012 1 1.393255879
1.619362834 0.976762766 1.888190194 1.667007711 1.269654842
YML003W YML003W::YML003W::molecular_function unknown 1.221436684
1.333948132 0.969179319 1.132431862 1.071757502
0.717351074 0.915982918 0.983932581 0.742073678 1 1.967097954
1 0.985513219 1.186973519
0.965037067 0.950826096 1.011614884 1 1.220494079 0.615168466
1.133006268 1.089108752 0.58468837 1 1.029056356 0.928796918
1.055972634 0.866004575 0.99800282 0.758290381
YLR078c YLR078c::BOS1::necessary for vesicular transport from the ER to the
Golgi complex 1 0.857856964 0.994435223 0.769681493 1.08584439 1
0.74118447 0.833623161 1 0.773904065 0.807673139
0.967219983 0.929443538 1 0.798462736 0.628881587 0.636973311
1.211912466 1 1.592144598 2.105647348 2.163908684 1.697606054 1
0.966890629 0.936393266 0.634011423 0.750712534 1.080324247 1
0.98681952 1.340293556 1.228780361 0.95682679 1.880510951 1
1.276263911 1.51692105 1.155534052 1.718807853 1.505553826 3.179390781
YML005W YML005W::YML005W::molecular_function unknown 1 1.012931225
1.162722938 1.116685154 1.570507849 1 0.983230462 0.868792337
1.577657896 1 0.805062689 0.945860593 1.921294992 1.117875171 1
0.832288352 0.786819056 1.129582001 1.864241521 1 1.341329851
3.435705401 5.014343543 1.886229096 1 0.944189609 0.791065133
0.758086574 0.748280092 1.152494491 1 1.005884808 0.92829824
0.945725924 0.8530473 0.84264206 1 1.038557005 1.072740268
0.929363692 1.272360576 1.014249345 1.288042866
YLR092W YLR092W::SUL2::Sulfate uptake 1 1.479892491 1.411888554
1.15590505 0.631274065 1 1.011133701 1.209548397 0.776074963 1
2.098404593 2.985205856 0.876602771 0.634904659 1 0.921660657
0.303603611 0.742304119 0.470100056 1 1.206355829 1.026402858
1.330474356 0.936531862 1 1.020654165 1.007516407 0.948992188
1.024657181 0.995605323 1 1.260496316 1.350777722 1.02398629
0.869135454 1.584487168 1 1.177983864 1.387817824 0.947694274
1.561585931 1.105446294
YLR094C YLR094C::GIS3::GIG3 suppressor 1 1.000745202 1.104620601
0.667968171 0.878007577 1 0.873640838 0.939346872 0.940460889
0.790824479 1 0.842481153 0.838057257 0.954360543 0.740280922 1
0.633164997 0.387337481 0.46057613 0.596999777 1 1.092485868
1.435592345 0.82744242 0.748143709 1 0.781529427 0.710609115
0.525849816 0.673093458 0.998313592 1 0.892193629 1.120244964
0.869173577 0.858784258 1.335589183 1 0.837949473 1.205806948
0.933077257 1.35826755 0.959536717 1.329197238
YLR096w YLR096w::KIN2::Serine/threonine protein kinase 1 0.796278069
0.738248366 0.961248657 0.703109633 1 0.958965357 0.978408373
0.899095253 0.663562407 1 0.830291521 0.836127574 0.534087849
0.838574267 1 0.610244054 0.79926468 0.536538005 1
0.876686139 1.050921597 1.098484202 0.650028581 1 0.841571814
0.761746483 0.756181028 0.927589654 1 0.986260473 0.633075976
0.589602519 0.654135726 1 0.763194173 0.74961958 0.99285821
0.805750577 0.663307242 0.836220905
YLR098c YLR098c::CHA4::Zinc-finger protein with Zn[2]-Cys[6] fungal-type
binuclear cluster domain 1 0.983852857 0.674686528 1.070528028
0.582803744 1 1.016232342 1.057140451 0.609478027 0.757244227 1
0.854867637 0.719530425 0.346575881 0.787893468 1 1.177983015
1.150670923 1.128722644 0.510543128 1 0.51221739 0.232803721
1 1.40452044
0.936291425

YLR098c YLR098c::CHA4::Zinc-finger protein with Zn[2]-Cys[6] fungal-type binuclear cluster domain

1 0.891520253 0.637105702 1.159740725 1.71569524
0.79835106 1 0.642538131 0.431155821 0.555639895 0.689419198
0.259017748 1 0.627160767 0.363674822 0.742332289 0.578224614
0.491720304 0.469334476

YLR100W YLR100W::ERG27::3-keto sterol reductase 1 0.822929522
0.805295953 0.724115924 0.866209799 1 0.737115442 0.687540085
0.966814144 0.883979209 1 0.801433312 1.140046463 0.996024896
0.894483646 1 0.873882093 0.868986478 0.80605751 1.037094001 1
1.649267652 2.027662093 1.909016809 1.324555377 1 0.881644807
1.030988362 1.562105338 1.277577998 0.976801301 1 0.868100714
1.01593441 0.926413015 1.699437696 1.497193279 1 0.947049438
0.952243058 1.743008532 1.535205931 0.962511835 1.119047469

YLR102C YLR102C::APC9::subunit of the Anaphase Promoting Complex 1
1.320434968 1.411744463 1.210103319 1.712826433 1 1.280519725
1.183310627 1.505492549 1 1.231637251 1.786432791 2.272573384
1.499355718 1 1.582696723 1.727422404 1.348558876 1
1.70173456 1.956597464 1.578487129 0.740586705 1 1.301922037
1.581631763 1.288462836 1.028045649 1.251841662 1 1.363884186
1.495430581 2.186368296 1 1.64694809 1.432251649
1.652672685 1.156946848 1.646283216 1.45003336

YLR116W YLR116W::MSL5::branchpoint bridging protein -- component of the splicing commitment complex 1 0.767867283 0.762605572 0.698845132
0.479401617 1 0.948796924 0.971650975 0.677963984 0.662916599 1
0.908369242 0.889184573 0.759251045 0.716763754 1 0.736283199
0.505435951 0.778187004 0.706431532 1 0.88593978 0.489344193
0.148150513 0.636345892 1 0.899535891 0.853189906 1.14954608
1.139107097 1.078589163 1 0.918000551 0.703103286 0.731300351
1.041286764 0.52161201 1 0.876130713 0.679539171 1.088517538
0.807678791 0.841714954

YLR118C YLR118C::YLR118C::molecular_function unknown 1 1.099916606
1.09112908 0.919782612 1.361388812 1 0.924597773 1.25388037
1.330240153 1 0.895130927 1.199156351 1.626426311 1.204507678 1
1.441636316 1.457513267 1.70159198 1.682073512 1 1.603524698
1.565164551 2.210891139 1.469721387 1 1.056406435 1.28166393
1.097186941 0.929728929 0.937828661 1 1.229952973 1.678909665
1.473765767 1.113708222 1.645436491 1 1.138888105 1.454405176
1.092417537 1.316209801 1.332117685 1.138311158

YLR120c YLR120c::YPS1::Gpi-anchored aspartic protease (Yapsin 1) 1
0.897362244 0.91528626 0.921434533 0.648104401 1 0.958812475
0.854515559 0.733500311 1 1.516801365 1.22046358 0.843087072
1.050699877 1 1.316852993 1.260575411 0.971632048 0.652933542 1
0.844586614 0.707401986 0.741188246 1 0.91171055 0.805133519
1.155070521 0.84721179 0.847931244 1 1.110588857 1.029131876
1.739857242 1.38957349 0.78811289 1 0.904429027 1.096220631
1.269773915 0.926348661 1.06232168 0.500856951

YEL070w YEL070w::YEL070W::molecular_function unknown 1 1.510659283
1.468996047 1.335746021 1.658650499 1 1.276672615
1.331563697 1

0.817271316 0.685185666
0.644459265

YER007w YER007w::PAC2::Required for viability in the absence of the kinesin-related mitotic motor Cin8p; required for normal microtubule stability 1
0.856498386 0.909945262 0.959644268 0.959606089 1 0.899984676

0.935886014 0.802218029 0.972491722 1 0.773648906 0.908716205
 0.882071164 0.962221634 1 0.628184508 0.99429495 0.893440537
 0.910991032 1 0.560180797 0.869789379 0.655097846 0.489677455 1
 0.978227257 1.08660305 0.877543464 0.900858391 1.268543437
 0.81509775 0.892080034 1.04752454 1.061341686 0.835782583 1
 0.934407544 0.905831107 0.915651234 1.356750479 0.902931899 2.51566767
 YER009w YER009w::NTF2::May coordinate the Ran-dependent (GSP1/GSP2)
 association and disassociation reactions of nuclear import; human homolog
 complements yeast mutants 1 1.353747469 1.306031393 0.672061495
 1.552665853 1 0.934429476 0.942033571 1.08145395 1.063880533 1
 1.042346359 0.94473768 1.283635181 0.745913226 1 0.958189401
 0.551888281 0.632137992 0.953636779 1 1.357953059 1.757732904
 1.510676996 0.923524564 1 1.068695494 1.1059567 0.692471174
 0.977335346 0.960032736 1 1.039899043 1.791874016 1.077734404
 0.722207889 1.576224159 1 1.228166761 1.468152186 1.050820981
 2.01502503 1.102024595 1.511326981
 YER011w YER011w::TIR1::Cold-shock induced protein of the Srp1p/Tip1p family
 of serine-alanine-rich proteins. Encodes a stress-response cell wall
 mannoprotein and this gene is downregulated at acidic pH. 1 2.412734826
 1.929864702 1.174292621 1.543110019 1 1.567226666 1.432118249
 1.354173291 1.417632723 1 1.594606099 1.569866006 2.037357336
 1.3408226 1 0.796506565 0.511149203 0.595214336 1.03412807 1
 1.219390789 1.867131278 1.050668218 1.120283459 1 1.407752825
 1.27385676 1.925001363 9.656603797 3.965974596 1 0.719614236
 0.959068257 1.808725029 6.019355043 6.000547619 1 1.05912845
 1.206798739 1.138801842 2.905927746 1.196505392 2.697797622
 YER011w YER011w::TIR1::Cold-shock induced protein of the Srp1p/Tip1p family
 of serine-alanine-rich proteins. Encodes a stress-response cell wall
 mannoprotein and this gene is downregulated at acidic pH.
 0.696169226
 1 0.752814344
 0.809138945 0.418363411
 YML007W YML007W::YAP1::bZip transcription factor required for oxidative
 stress tolerance and localized to the nucleus in response to the presence of
 oxidants. 1 0.677196306 0.853117219 1.435250811 0.699613317 1
 1.031188639 1.164643816 1.238149827 1.067039541 1 0.796119241
 1.141585395 0.977146302 1.090372636 1 0.466930216 1.289379845
 1.148416803 0.459095163 1 0.699020072 0.238373018 0.296003495
 0.419453426 1 1.299780298 1.522799964 1.198120354 1.548580627
 1.634669981 1 1.062813087 0.800516487 1.021295251 0.914340343
 0.408534498 1 1.078946607 0.705675291 0.96705815 0.641084948
 0.730860653 0.448319509
 YER013w YER013w::PRP22::helicase-like protein 1 1.064921187
 1.559234166 0.993567932 1 1.320446305 1.097905425 1.324405107
 1.267644221 1 0.75612254 1.110283322 1.006658819 1.489380756 1
 0.517309747 1.494311685 1.876448263 0.690668137 1 0.436141421
 0.906492945 0.522272549 0.246976971 1 1.185259567 1.095843032
 0.926152862 1.321666099 1.381772755 1 0.969075854 0.739501262
 0.89545895 1.077542504 0.709651326 1 0.695563318 0.54494437
 0.664237546 0.652477896 0.791585436 0.558648122
 YML023C YML023C::YML023C::molecular_function unknown 1 0.828208532
 0.634099374 0.801337265 0.681699889 1 0.765992716 0.804285538
 0.774663834 1 0.775835301 0.593240779 0.516889364 0.705587071 1
 0.47273927 0.412621473 0.408638985 0.507471633 1 0.979162473
 0.886956169 1.239523201 1.610043163 1 0.862975403 0.893772027
 0.964118217 1.027250989 1.086591241 1 0.817976346 0.717988738

	0.729145271	0.701997876	0.607837189	1	0.773802748	0.675292072	
	0.755081431	0.595433677		0.927285829			
YER015w	"YER015w::FAA2::acyl-CoA synthetase (long-chain fatty acid CoA ligase) (fatty acid activator 2), activates endogenous but not imported fatty acids and provides substrates for N-myristoylation"					1	0.778553678
	0.809238015	0.88496943	0.920515366	1	1.033237525	1.040357557	
	0.889090211	0.847401984	1	0.917909684	0.975452666	0.913816591	
	1.008123855	1	1.469353413	1.08679266	1.265441268	1.10210407	
	1.553461188	1.077457004	0.944733798	1.126697905	1	1.10166192	
	1.105621172	0.899039242	1.056676813	1.058898058	1	1.152482583	
	1.34767468	1.624583685	1.309090967	1.159371481	1	0.926233567	
	0.935723205	1.095903511	1.121529934	1.051465038	1.071763756		
YML028W	YML028W::TSA1::antioxidant enzyme that provides protection against oxidation systems capable of generating reactive oxygen and sulfur species					1	
	1.730748057	1.545823409	1.283984667	1.676801641	1	1.316304606	
	1.349614962	1.58116189	1	1.778063307	2.308407356	2.144381354	
	1.059634236	1	1.245798705	1.714505082	1.816277954	1.672937548	
	1.768576488	2.306487475	3.028787878	1.349269336	1	1.762709784	
	1.661954284	1.78593388	0.930626143	1	1.382815765	1.997727119	
	0.743447253	0.406070595	1.012871852		2.248690173	2.007258483	
	1.5223289	1.160742002	1.659941335	2.485020964			
YER017c	YER017c::AFG3::ATPase family gene					1	0.855756992
	0.846103411	0.74766827	1	0.967215802	1.022423532	0.840168707	
	0.884357302	1	0.967852202	0.932533772	1.001974729	0.843246417	
	1.174781748	0.92191828	1.196509647	1.079943497	1	1.232801345	
	1.437099144	1.070568552	0.992913933	1	1.032846354	1.034028118	
	1.204869625	1.132474551	1.037675134	1	0.95687402	0.97541689	
	0.983976083	0.96729299	0.71040615	1	0.904531251	0.881005917	
	0.961635063	0.915809498	0.806043238				
YML030W	YML030W::YML030W::molecular_function unknown						0.711683897
	1.134262719	0.836373237	1.391114953		0.7772874	0.909460306	
	1.199106862	1.138664931		0.821035385	1.066178753	1.424481933	
	1.01619057	1	1.276775163	1.424678189	1.343246943	1.777345982	
	1.143455842	1.271009996	1.432112741	0.782636935	1	0.906481774	
	1.03979646	0.77877693	0.666464245	0.836526612	1	0.885687812	
	1.395269696	1.216632635	0.99716209	1.82759014	1	1.359765621	
	1.27168573	0.94959747	1.840708166	1.603304001	1.236381036		
YER030w	YER030w::YER030W::molecular_function unknown					1	0.641689202
	0.906012852	0.725675237	1.088145741	1	0.650692816	0.712848428	
	1.072460208	1.075531392	1	0.699986668	0.932788947	1.083833237	
	0.821905634	1	0.998999674	0.765930156	1.123831042	1.130537949	
	1.182905136	1.756840557	1.268284187	0.850288307	1	0.910300536	
	1.256800728	0.821905044	0.575932406	1.117135428	1	1.233002123	
	1.474081626	1.482876507	1.577169833	1.890883618	1	1.317520468	
	1.621228308	1.30413907	1.773127204	1.396685684	1.28629164		
YML032C	"YML032C::RAD52::Required for X-ray damage repair & various types of intra- and interchr. mitotic recombination, including HO switching & plasmid exchange. Disp. for premeiotic DNA synthesis, double strand breaks & heteroduplex formation."					1	1.131504933
	1.328814626	1.323195479		1	1.096336257	1.349758989	
	1.191044979	1.180710319	1	0.808112645	0.964463426	1.110679165	
	1.104784755	1.06733582	1.341811783	0.852154237	1	0.871769704	
	0.941415789	0.896427559	0.905751059	1.065199365	1	0.76200181	
	0.556868621	0.794045301	0.617513795	0.525759878	1	0.950949063	
	0.812823783	0.881666253	0.828464616	0.773180082	0.90364392		
YER032w	"YER032w::FIR1::Factor Interacting with REF2, interacts strongly with REF2 protein in 2-hybrid screen"					1	0.700500898
					0.777296338		

0.856532319	0.958019267	1	0.938683352	0.933088158	0.708740069
0.772903958	1	0.757664452	0.774267558	0.535648043	0.854364749
0.592314177	0.689843752	0.963872755	0.468848461	1	0.687473058
0.988133934	0.425923968	0.457239639	1	0.944270874	
1.142188562	1.11812395	1	0.733550385	0.842973184	0.864463486
0.938383854	0.826156327	1	0.781397929	0.927143641	1.137413367
1.053583247	0.904115552				
YML034W	YML034W::SRC1::Spliced mRNA and Cell cycle regulated gene 1				
0.72095817	0.893213165	0.998563686	0.735908327	1	0.915766928
1.000531656	0.901348718	0.733187121	1	0.989621663	1.008665786
0.692400246	0.792942208	1	0.519384591	0.619301369	0.466262091
1.196590868	1.354888872	1.31208877	1.062079696	1	0.971159799
0.860116078	1.002509241	0.952053133	1.060009862	1	1.322776254
0.725280661	0.998568443	0.72121654	1	1.002723989	0.857335913
1.022144779	0.738630512	1.047552724			
YER034w	YER034w::YER034W::molecular_function unknown 1 0.964592344				
1.088747313	0.968519958	1.082195821	1	0.931374522	1.057851149
1	0.888506113	1.008008661	1.118367073	1.159307374	1
1.036303438	1.163613701	1	1.109650104	1.969512483	0.895393533
1.148857594	1	1.098989284	1.06788022	1.014567763	1.130313368
1.114460927	1	1.097063688	1.106956467	1.101878537	1.078821096
1.351786983	1	1.101135487	1.206816943	1.207253446	1.525752183
1.190143779	0.875624				
YML037C	YML037C::YML037C::molecular_function unknown 1 1				
0.907258171	0.787028358	1	1.041427751	1	
0.53074203	1.206530963	1	0.458436551	0.357234162	
	0.664238876	1	0.922904653	0.841384399	0.911197705
1.015540257	0.94514038	1	1.012345247	0.834245678	1.048320885
1.147887094	0.704300223	1	0.79850054	0.891815961	0.350988359
0.554270006					
YML054C	"YML054C::CYB2::Expression is repressed by glucose and anaerobic conditions, is induced by L-lactate and is regulated by GRR1, ROX3, HAP1, HXK2 and CYC8" 1				
1.139956152	1.312776293	1.039608084	1.116463112	1	0.793658707
1.151431753	1.580036072	0.78262915	1	4.094860314	2.247103728
7.97446069	3.477166466	1	3.619375327	3.28537468	4.873363455
2.624924675	1	0.911528202	0.944342476	0.925831074	1.066509452
0.837611134	1	0.76621303	0.7120503	0.760761419	0.970376251
0.81849893	0.883557991	0.859378005	1.299859685	0.989780584	1.090151884
YML057W	YML057W::CMP2::calmodulin binding protein homologous to mammalian calcineurin 1				
1.002163676	1.0037865	0.725276433	0.652999031	1	0.955459605
1.138909589	0.993802591	0.768945963	1	1.471744062	0.999684161
1.681747238	0.84213802	1	1.325866722	1.415209991	1.092634123
1.011537751	1	0.879413804	1.005754037	1.038918515	1.021811591
0.847127605	1	1.14247966	0.699841295	0.903230307	0.967859786
0.808338173	1	0.806456529	0.634645694	0.943634176	0.867650997
0.875903255	0.90364392				
YLR122C	YLR122C::YLR122C::molecular_function unknown 1 1.270143941				
1.072663238	1.022451708	1.089435395	1	1.238805764	1.054269885
1.004110356	1.097441778	1	1.35464495	1.170747756	1.283664807
1.160839935	0.744572811	0.703708753	0.813384917	0.793547553	1
0.958339561	0.645712789	1.084237433	1.117294487		
0.959809688	1.195461354	1.157815157	1	0.76447444	0.700239705
0.905188423	1		0.257169194	1.873835452	
YML059C	YML059C::YML059C::molecular_function unknown 1 0.969220989				
0.829504766	1.262493119	0.809833825	1	1.184828573	1.395688961

0.718518384	0.812025157	1	1.157296811	0.918301641	0.582710071		
0.879589838	1	0.643889268	1.046443193	1	0.643533966		
0.772668256	0.475140706				0.991854767		
			1	0.7569492			
3.952566683							
YML059C	YML059C::YML059C::molecular_function unknown						
				1	0.938598485		
0.85419063	1.188018365	1.212827178	0.917324414	1	0.825641203		
0.583194312	0.715465416	0.901109972	0.370850752	1	0.684555273		
0.468376897	0.742513259	0.611991005	0.655900567	0.747782872			
YLR124W	YLR124W::YLR124W::molecular_function unknown					1	1.418005935
1.421675704	1.368010724	1			1.193687801	1	
1.864413995	1.379884994	1.478670661	1.53824369		0.571459645		
0.926385806	0.389209607		0.221191727		0.356579962		
0.698451719	0.670051914	0.8506945	1.084932004	0.826737429	1		
0.790708644		1	1.213699833		0.059924424		
YLR126C	YLR126C::YLR126C::molecular_function unknown					1	1.05372982
1.209421121	0.974229846	1.508735099	1	1.015932323	0.858821274		
1.280398169	1	1.172601519	1.116988574	1.164407709	1.299895749		
0.773424968	0.513018415	0.435741931	0.577625562	1	2.00854388		
2.003803049	1.276437487	1	1.305786232	1.244644702	0.900266142		
0.937959275	0.974726081	1	1.092990098	1.63605561	1.325089129		
0.834412856	0.902886101	1	1.359044998	1.440779001	0.912871986		
1.303520292	1.028607378	1.082271213					
YLR140W	YLR140W::YLR140W::molecular_function unknown					1	
1.303159923	1.01883731	1	1.243719833		1.290735903	1	
1.416555455	1.18358369	1.418148939	1.409787673				
0.312012731	0.550119608	1	1.039986554	1.94793255	0.361491267	1	
0.964970705	0.990739895	0.812807994	1.102930908	1	0.72766693		
0.84016171	1.350555141	1					
1.221495463							
YLR142w	YLR142w::PUT1::proline oxidase					0.874213744	0.840447656
0.857618004	0.871282396	0.776076615	0.9017716	0.942060813			
0.941659748	0.829474844	1.104256579	1.259714089	1.024022498			
0.594727523					1		
0.760256158	0.813473603	1.025732465	0.86221306	1	0.586248148		
0.786912563	2.110534417		0.577782317				
0.865116491							
YLR144C	YLR144C::ACF2::Identified as an activity necessary for actin polymerization in permeabilized cells					1	0.83439323
0.935206588	0.583469944	1	0.982151178	1.037701801	0.806883265		
0.703480189	1	1.105904813	0.974260885	0.687552944	0.811346057	1	
1.351575839	1.148316813	1.255599737	1.025749464	1	1.295788489		
1.013593537	0.913631289	0.896876993	1	1.200527518	1.127654715		
1.21896266	0.999788197	0.813985855	1	1.096250345	0.92869545		
1.005629621	0.71093087	0.667475466	1	1.022037611	1.06127677		
1.004063399	0.849012708	0.815205939					
YLR146C	YLR146C::SPE4::Spermine Synthase					1	1.097993246
0.913841508	0.920416077	1	0.913474809	0.840536183	1.223831711	1	
0.721430635	0.562701608	0.678283917	0.910773794	1	0.441515204		
0.560761271	0.773272827	0.675016316	1	0.818976179	0.796500928		
0.461497852	0.527809023	1	0.949552724	0.838887137	0.844343959		
1.227493573	0.888033219	1	0.834106144	0.69426338	0.553594399		
0.609944646	0.96658018	1	0.897031291	0.626504385	0.750991416		
0.935084425	0.748813686	0.950927634					

YLR148w YLR148w::PEP3::vacuolar membrane protein 1 0.770289666
0.682520402 0.907535506 0.725752146 1 0.845980932 0.837676953
0.794091666 0.610602772 1 0.850125181 0.900549409 0.52858103
0.98159281 1 0.932669936 0.905530538 0.660998195
0.805603531 0.739142774 0.700271287 0.845790249 1 0.956330941
1.184185439 1.051455839 0.94524215 1.003049391 1 1.202670094
1.111352657 1.270492417 1.337398053 1.15601065 1 1.271889396
1.335311408 1.107005256 1.037102635 1.382937255 0.985077
YLR150w YLR150w::STM1::Multicopy suppressor of tom1 and pop2 mutations.
Genetically interacts with CDC13 to maintain telomere structure. 1
0.808618453 0.813954063 0.651835404 0.912139485 1 0.858414026
0.814944791 0.823652562 0.857181078 1 0.730466255 0.709780534
0.514687225 0.715143171 1 0.765643732 0.437026112 0.336216501
0.470181952 1 1.395405006 0.772102379 0.538472443 0.993422507 1
1.161857962 1.307732578 1.060459973 1.134325132 1.054162893 1
1.176961403 1.46647953 0.715982703 0.679675575 1.141122556 1
1.061060673 0.921675265 0.931516678 1.075311982 1.229114161 1.126928036
YKR049C YKR049C::YKR049C::molecular_function unknown 1 1.036050872
1.303051459 1.165236634 1.67677843 1 0.980388772 1.512007921
1.856591235 1.877921677 1 1.337054826 2.137495831 2.231729063 1
2.06160189 2.273820571 3.779737581 3.945424182 1 3.09966399
5.55732868 7.866038339 3.877805992 1 1.071486469 1.498739834
1.377075982 0.895812988 0.844325689 1 1.148300364 2.45395327
2.508970517 1.896721735 1.755223187 1 1.069098626 1.752729327
1.184900234 1.169531596 1.140855142 1.635665659
YER036c YER036c::KRE30::Killer toxin REsistant 1 0.839897311
0.603058748 0.924726869 0.731800594 1 0.943079144 0.9288027
0.611599471 0.836438558 1 0.670903012 0.535022121 0.436015078
0.751272059 1 0.771930187 0.414429159 0.646778654 0.495641875 1
0.507936156 0.364230221 0.246033331 0.548644344 1 0.870927196
0.646258324 0.75379313 1.268513372 0.997073704 1 0.828789565
0.390498231 0.521351456 0.584139912 0.21592808 1 0.785320307
0.351053781 0.677974727 0.562498824 0.338944618 0.677732966
YER038c YER038c::KRE29::Killer toxin REsistant 1 0.775954476
1.058478801 1.035328492 1.538339439 1 0.932079808 1.082767825
1.570483416 1.461332832 1 0.947964867 1.588847104 2.911426853
1.02021909 1 1.267035452 1.327364291 1.741240668 1.501308312 1
1.476693416 6.413440284 5.436005638 0.908504821 1 0.978531923
1.597141918 0.924782581 0.77955863 1.317041754 1 1.240831574
1.255767887 2.021732045 1.073803775 1.078228745 1 1.068172571
0.864879392 1.302742309 1.114510983 2.727568768
YER040w YER040w::GLN3::Regulates glutamine-repressible gene products 1
1.000132833 0.986691593 1.189731075 1.021182975 1 1.245682281
1.186440941 0.959172181 0.99817924 1 1.423698974 1.105336332
0.746027402 0.941218762 1 0.929156279 0.958473056 1.136139868
0.547722344 1 0.455855002 0.712186935 0.652409981 0.412502724 1
1.033681446 1.088955104 1.014878127 0.908723582 1.069768888 1
1.386856883 1.144435641 1.123496903 1.34088229 0.961694307 1
1.077312277 1.054457315 1.205338021 1.034239385 0.931641339 1.180341195
YER053c YER053c::YER053C::inorganic phosphate transporter 1
1.123316906 1.626063353 1.135387045 1.350547205 1 1.281543226
1.657208196 1.224357956 1.077011843 1 1.383150602 1.986534474
3.829708945 0.785812185 1 3.385274294 2.610643408 4.050429017
2.13003159 1 3.930393594 5.395341927 6.175400399 1.813681788 1
1.230072872 1.604625821 1.619034941 0.954893216 1.189119113 1
1.101032344 1.058864018 1.798373386 1.272170553 1.216382592 1
1.452899044 1.200932492 1.083074018 1.218530066 2.572871573 3.139987634

YML061C YML061C::PIF1::involved in repair and recombination of mitochondrial DNA; also plays a role in (nuclear) chromosomal telomere formation and elongation 1 0.929926746 0.954234664 1.114938203 1.052095151 1
1.008310886 0.923126058 1 0.794886319 0.809633496
0.632101486 1.30590364 0.800415773 0.555167467
0.5820835 0.657512771 0.576180989 1 0.802995425 0.935619939
0.919655847 1.005622862 1.144068965 1 0.942781817 0.869298951
0.877162302 1.102146026 0.750890585 1 0.534603801 0.701039932
0.796545503 0.735996439 0.638774542 0.916778372

YER055c YER055c::HIS1::involved in the first step of histidine biosynthesis 1 0.996866924 0.904190344 0.752029032 0.761962426 1 0.87291164
0.849178713 0.83982197 0.811180762 1 1.183527917 1.061958966
0.573570743 0.445520166 1 1.677542256 0.981711039 0.547138085
0.434018927 1 1.598214635 1.267391182 0.840026716 0.52361754 1
0.942669418 0.876999057 0.922210422 1.153175608 1.154518557 1
1.129055257 0.821920154 0.696875601 0.539700464 0.684476522 1
1.037809984 0.740751909 0.780461403 0.975950401 0.800353555 1.002589463

YML063W YML063W::RPS1B::Homologous to rat ribosomal protein S3A 1
1.015182092 0.940981393 0.79877859 1.458301399 1 0.931032381
0.808258463 1.047357764 1.034873101 1 0.69398609 0.726256248
0.572223365 0.784378823 1 0.912319682 0.482694716 0.231201498
0.567113596 1 1.271267528 0.725554275 0.439048951 0.777424146 1
1.057871883 0.974496319 1.032932858 1.056339492 1.244524272 1
1.406820664 1.354822873 0.986112811 0.667489944 1.138376543 1
1.389014765 1.217562387 0.915061343 1.766088629 1.347837404 1.06738564

YER056c YER056c::FCY2::purine-cytosine permease 1 0.865847802
0.521892996 0.884301997 0.587457087 1 0.80846994 0.784423711
0.664425738 0.837748093 1 0.711816046 0.339512957 0.24328387
0.61838853 1 0.48383765 0.191203793 0.195879837 0.285284631 1
0.592715269 0.310200474 0.189662468 0.608844784 1 0.613265019
0.552435131 0.583154542 1.3372556 1.081730954 1 0.408568507
0.37363376 0.479069003 0.822451976 0.573357984 1 0.380269737
0.442609885 0.653884071 0.693850682 0.416444366 0.563901851

YML065W YML065W::ORC1::binds to origins of replication and thereby directs DNA replication and is also involved in transcriptional silencing 1
0.739564877 0.753700935 0.906044286 0.895530728 1 0.818457047
0.77211407 0.857925316 1 0.717858332 0.649516857 0.555410128
0.915271606 1 0.352893883 0.47510961 0.509732414 1
0.809770908 1.059146049 0.722101947 0.655265695 1 0.893073095
0.841488015 0.72803313 1.065992885 1 0.887982094 0.693806574
0.756266946 0.853953063 0.811612082 1 0.85140011 0.964210999
0.968994251 1.041846103 0.944196082 2.703051194

YER058w YER058w::PET117::Required for assembly of active cytochrome c oxidase 1 0.986791441 1.63480746 1.285793806 1.817949914 1
1.04495437 1.205026264 1.452857282 1 1.023870849 1.282841921
1.909805046 1.007529467 1 0.948739499 1.094936388 1.156124754
1.224021686 1 1.328871669 2.996555075 2.71321474 0.839111966 1
1.002919168 1.738037413 0.905242164 1.161426423 1 0.949070971
1.305079063 1.037835952 1.148837208 1.594850713 1 1.36558843
1.57338834 1.178707939 2.468981278

YML081W YML081W::YML081W::molecular_function unknown 1 0.738115928
0.668302651 0.879602062 0.703213461 1 0.955130857 0.807756319
0.657472409 0.61113934 1 0.741543899 0.60735238 0.322046738
0.815947881 1.204346532 0.985438259 1.208242466 0.887067829 1
0.372343193 0.565289697 0.408311317 0.538799417 1 1.013642046
0.824385026 0.959888146 1.00961552 1 0.848663858 0.616976893

0.710769637 0.743577667 0.41851203 1 0.815482989 0.712510315
 0.874351515 0.953615147 0.70901449 1.524461433
 YER060w YER060w::FCY21::identical to FCY2 1 1.009745169 0.752719285
 0.916961295 0.850136643 1 0.935274531 0.886870437 0.727998918
 0.885280256 1 0.831839789 0.614968966 0.443098596 0.730783044 1
 0.731972818 0.501349499 0.560490108 0.595122369 1 0.849926875
 0.706253762 0.296999608 0.551624239 1 0.782637899 0.834393204
 0.843957664 1.118668654 0.955078002 0.843354497 0.752122033
 1.181204431 1.096442616 0.798778488 1 0.690315794 0.723706665
 0.824134372 0.815386059 0.567305833 0.923783274
 YML083C YML083C::YML083C::molecular_function unknown 1
 1 1 1.28473535 1.90966814
 1.792201743 1 0.215370898
 0.25926999 0.216339667 0.924421413 0.985749453 1.083069499
 1 0.84790981 0.97591812 0.898632974 1
 0.844892193 0.995720003
 YER062c YER062c::HOR2::RHR2 (GPP1) encodes another DL-glycerol-3-phosphatase
 1 1.183775549 1.380691379 1.311084686 1.550889612 1 1.186518332
 1.369589832 1.646860016 2.022105505 1 1.027830087 1.380684701
 2.164706227 1.558721458 1 2.162731172 1.698493758 1.667935303
 1.763764059 1 2.096612074 1.904599093 2.309598574 2.043276002 1
 1.383304711 1.387003585 1.844385931 1.324594456 1.331370744 1
 1.157772409 2.055275891 1.690054869 1.51986869 1.387006856 1
 1.456368967 2.22177471 1.187332598 1.314507902 1.651797227 1.820422293
 YML087C YML087C::YML087C::molecular_function unknown 1 1.089750034
 1.292689776 1.245801879 1.749534438 1 1.415529583 1.371900713
 1.497066209 1.977447766 1 1.019690104 1.063534567 1.266355519
 0.50258666 0.674593034 1 2.452717556 3.785050151
 1.820553913 1 1.153228696 1.244793004 1.05869137 1.241976276
 1.145767923 1 0.909497786 0.953426511 0.879532022 0.905764086
 1.100264239 1 1.225713391 1.125448741 1.159871855 1.525643984
 1.540657998 1.219744238
 YER076c YER076c::YER076C::molecular_function unknown 1 0.91997389
 0.895034028 1.021639336 0.87291066 1 1.03582451 1.012291181
 1.029670529 1.173570715 1 0.820072853 1.020478773 0.803059734 1
 1.018225369 1.36815753 1.954489445 0.805874557 1 0.489810432
 0.922753589 0.439956699 0.419283013 1 0.966030851 1.111648083
 1.174858207 0.997921309 1 0.799572556 0.951491605 1.110297748
 0.975907294 0.957158309 1 1.011163981 1.050549594 1.06219699
 1.18643268 1.140346147 1.036738829
 YML089C YML089C::YML089C::molecular_function unknown 1 2.154160679
 2.231642635 2.061041475 1 2.250738757 2.388754494 1.997285501
 2.196394294 1 1.236122493 1.970395843
 0.368580141 0.039980886 1 1.037766544
 1.046303259 0.970007699 1.061352296 1 1.213788433 1.142545066
 1.249785722 1.005728009 1.137329484 1 1.137621407 1.109412385
 1.290679942 1.188720781 0.921156488
 YML091C YML091C::RPM2::involved in processing of mitochondrial precursor
 tRNAs and protein import 1 1.043308305 1.07574769 1.13108005
 1.054810641 1 1.597092374 1.369613488 0.787274207 0.776382211 1
 1.035443159 0.874107684 0.575761327 0.850010413 1 1.433994064
 0.715374416 1.333926022 1.102787564 1 1.478082749 0.538804831
 0.767855341 1.06009865 1 1.029664467 0.903018337 0.774615257
 1.135733082 1.237227169 1 0.736001221 0.446720411 0.494957161
 0.67939336 0.676434383 1 0.762189465 0.503373479 0.788931829
 1.147432622 1.250832393 0.912400256

YML093W YML093W::UTP14::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA) 1 0.638089387 0.679844311 0.891760757 0.907265475 1
0.762700345 0.768808619 0.83389608 1 0.537160747 0.437088504
0.379080802 0.958018135 1 0.270658622 0.382021648 1
0.451291331 0.472128211 0.541204029 1 0.689572214 0.60775834
0.970131873 1.028721396 1 0.704943395 0.610768195 0.549898942
0.846913355 0.68253455 1 0.487334161 0.574048673 0.823210527
0.815883019 1.456162701
YKR051W YKR051W::YKR051W::molecular_function unknown 1 1.168049891
0.949690747 1.026143133 0.890605497 1 0.962557087 0.972944286
0.910647175 0.784830246 1 1.408293764 1.15743792 1.065420437
0.993162564 1 1.441433536 1.150060311 1.269693612 0.835212941 1
1.445658685 1.428871537 1.0746349 0.987486106 1 1.059021764
1.418213676 1.543814909 1.03374392 1.163434064 1 1.228816098
1.66671113 1.442947707 0.940971711 1.046767051 1 1.329526356
1.61842382 1.282438003 1.107238621 1.158547195 0.840599021
YML108W YML108W::YML108W::molecular_function unknown 1 1.077569951
1.070863339 0.908285326 1.484505116 1 0.915858286 0.715829823
1.403198397 1.544323338 1 0.834833956 0.690558841 0.815967509
1.194008553 1 0.208941224 0.517150527 1.013622722 1
0.681656637 1.042366189 0.638456563 0.616181729 1 1.070586027
0.864916639 0.583108796 0.747698031 1.00539249 1 0.759741466
0.926902368 0.747446055 1.003943956 1.74552156 1 0.838148908
1.07541313 0.975904231 1.952786973 0.765396614
YKR053C YKR053C::YSR3::Yeast Sphingolipid Resistance Gene 1
1.180385614 1.043138499 1.04049743 1.011866358 1 1.096404534
1.067837755 1.078502262 1.080760391 1 2.122087816 1.317858027
1.1822913 1.109712986 1 1.85308486 1.295596132 1.107293791
0.973101945 1 3.182146238 1.740045442 0.907771953 1
1.627714306 1.674597959 1.068394372 0.944304121 1.12375141 1
1.746199778 1.698484368 1.91315728 1.426066055 1.215220061 1
1.67516958 0.996515111 0.884578128 0.738915876 1.141813714
YKR055W YKR055W::RHO4::ras homolog--GTP binding protein 1 1.779246823
1.348499328 1.505419544 1.339323238 1 1.326328245 1.375936474
1.540129622 1 1.623206607 1.462979217 0.998705125 1.714303318 1
1.596351342 0.57149223 0.798307423 1.104286188 1 1.383042208
0.917334056 1 1.073449938 0.899259253 0.794684041 1.066520028 1
0.77760037 0.84596703 0.915904147 0.774799756 1.060391774 1
0.798995741 0.817388965 0.858103312 0.703350282 0.916693569 1.304679768
YKR057W YKR057W::RPS21A::Homology to rat S21 1 1.122474985
1.140637582 0.74783371 1.355130721 1 0.833377318 0.769143394
1.094424178 0.954929713 1 0.789356257 0.763598541 1.150345934 1
0.437248418 0.174482085 0.439172622 1 1.512814561 0.8093613
0.672504211 1.010879868 1 1.279203796 1.191949281 0.882325063
1.125340809 1.357027514 1 1.042446312 1.495941018 0.878763793
0.589272773 1.915846031 1 1.011594229 1.273556782 0.915579431
1.82290937 1.143335609 1.524461433
YKR059W YKR059W::TIF1::translation initiation factor eIF4A 1
1.132232378 0.691995482 0.750047231 0.766010298 1 0.897002412
0.814613571 0.625520759 0.877890202 1 0.928510274 0.625608521
0.631774829 0.946222962 1 0.544135594 0.402276679 0.244063089
0.406229846 1 0.628388931 0.294621931 0.215466852 0.652763079 1
1.104795744 0.955854109 1.033316977 1.321558215 1.205784781 1
1.065041685 0.795109189 0.639339101 0.487218505 0.509653462 1
1.414352166 0.87234412 1.015404144 0.90498653 0.881263273 0.779305347
YKR073C YKR073C::YKR073C::molecular_function unknown
1.162088121 1.142939153

1.08910349 1.06514009
1 1.164468937 0.918317744 0.871046332 1.124022496 1.165541575 1
0.835081946 1.188109399 0.915849211 0.81189184 1.303526553 1
0.819870327 0.751527995 0.804297372 0.733772912
YKR075C YKR075C::YKR075C::molecular_function unknown 1 0.902609901
0.96889908 0.866978982 1.172363859 1 0.883084469 0.996122627
1.094379988 0.929935984 1 0.578852301 0.595392529 0.535260343
1.019310997 1 0.874262647 1.464483335 1
1 0.858209973 0.733688351 0.64988332 0.814865102 0.921485591 1
0.652909568 0.611064222 0.683558645 0.87623475 1 0.607255143
0.781139814 1.016487614 0.734285086 0.935166396
YKR077W YKR077W::YKR077W::molecular_function unknown 1 0.801287829
0.856776392 0.957943892 0.916041602 1 0.971222612 0.938945653
0.95430566 1 0.704092205 0.773877562 1.091253518 1.135178293 1
1.029770851 0.862854845 0.985323349 1.44758151 1 0.917435642
0.964802899 1.156526767 1.493929819 1 0.960488036 1.260521858
0.947204692 1.264471368 1 1.233611974 1.108894315 0.910965763
0.979972044 1.167989854 1 0.926026125 0.945466783 0.896319637
0.38642172 0.87994814 0.860738375
YKR079C YKR079C::YKR079C::molecular_function unknown 1 0.820908617
0.756965012 0.88286052 0.853816141 1 0.753550863 0.73229982
0.824660718 0.870990427 1 3.305068001 7.544021613 5.439522009
2.512203306 1 4.755764254 9.536787073 9.242858787 5.379251596 1
5.039322141 6.262614535 10.40768855 3.153417761 1 0.802794207
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0.805618492 0.794498535 0.743044309 0.791323898 1 0.840161409
1.056444456 1.042381776 0.783488122 0.723335462 0.937793286
YKR081C YKR081C::RPF2 1 0.892349052 0.597208058 0.773932216
0.969366424 1 0.493716847 0.746622154 0.943360102 1
0.544870415 0.355717307 0.287372788 0.979749742 1 0.439331553
0.199789678 0.418721134 1 0.538306713 0.243113321 0.158684115 1
0.789780052 0.661719703 0.771706207 0.835310449 0.980863717 1
0.744928698 0.72185712 0.4925882 0.801296278 1.620551146 1
0.75323606 0.969738108 0.752156352 1.310536502 0.609661183
YER078c YER078c::YER078C::molecular_function unknown 1 1.016928424
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1.468727322 1.987484025 0.942092001 1.256527604 1 1.173791973
1.221748761 1.342322654 1.287061525 1 0.938281422 1.262341989
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1.27505764 1.383110867 1.076025639 0.898390244
YER080w YER080w::YER080W::molecular_function unknown 1 0.724600493
0.792680487 0.957830319 0.899653211 1 0.913512141 0.981138725
0.804524278 0.828628908 1 0.899330028 1.118772319 0.891719591
1.051524555 1 1.082945892 1.64777963 1.422985687 0.959488106 1
0.638131439 0.516601619 0.331749917 0.515698453 1 1.039677272
1.26883577 1.178362731 1.244910534 1.352292453 1 1.217638809
0.926670034 1.35618211 1.253481613 0.544496073 1 0.894722375
0.815995357 1.0717711 0.744881651 0.671105292 0.50348379
YER082c YER082c::UTP7::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA) 1 0.732728894 0.687048967 0.839780223 0.823642649 1
0.766871047 0.705478484 0.824737034 0.928024238 1 0.495625925
0.467376412 0.473194542 0.86651656 1 0.389020048 0.355786895
0.453757873 0.561381666 1 0.555807278 1.240272008 0.717741369
0.553842406 1 0.880665712 0.646343297 0.704409999 0.951059774
1.122491695 1 0.738335962 0.655323087 0.513734483 0.882428431

0.659254824 1 0.632129945 0.507663553 0.896543473 1.026338747
 0.611846881 1.67156625
 YER084w YER084w::YER084W::molecular_function unknown 1 1.639966412
 1.763020919 1 1.644759626 2.069076437 1.530699145 1.636715551 1
 1.406014031 1.585711417 1.908998486 1.610013939 1 0.962437768
 1.151697351 1.948233897 1 0.607727008 1.528442315 1.017432522
 1 1.095526846 1.145105853 1.082314159 1.031021887 1
 1.079288651 1.15399119 0.960291941 0.991957428 1.547831323 1
 0.819408732 0.784137328 0.588393658 0.659743616 0.657827326 2.807250622
 YML110C YML110C::COQ5::co-enzyme Q deficient 1 1.103623374
 1.239059194 1.337230635 1.399472153 1 1.099029944 1.29964944
 1.465157751 1.392132585 1 0.970422684 1.314646765 1.559239667
 1.303797739 1 1.378922171 1.328147942 1.713391436 2.017916678 1
 1.205439112 1.316131039 2.157007066 1.490102336 1 1.305517333
 1.437639806 1.77264274 1.069794887 1.170956869 1 1.266066295
 1.635312511 1.574819906 1.101034582 1.160279109 1 1.366823453
 1.631027429 1.200618571 1.209139557 1.659916313 1.802909829
 YER086w YER086w::ILV1::threonine deaminase 1 1.103261251 0.776772544
 0.693271484 0.516481723 1 0.956130086 0.828244806 0.515304379
 0.572687466 1 1.156696952 0.852056808 0.415892622 0.574023945 1
 0.859118814 0.493331843 0.497167476 0.483510483 1 0.606829703
 0.489191437 0.337284043 1 1.12168482 0.74021401 0.962766194
 1.291370401 0.937855902 1 1.061926047 0.601774188 0.675526088
 0.656745288 0.342594545 1 0.894312931 0.549471137 0.785036312
 0.693869513 0.593374034 0.746907259
 YML112W YML112W::CTK3::CTD kinase-I gamma subunit 1 0.845183816
 1.125568564 0.94509083 1.326586085 1 0.866490218 0.900843986
 1.13514065 1.198720441 1 0.908189645 1.028834853 1.273397675
 1.10465863 1 0.886281672 0.523965794 1.007794207 1.120880026
 0.398145123 0.797290146 0.643328824 0.426156517 1 1.060246414
 1.012537835 0.721321241 0.683686146 0.78566969 1 0.997814446
 1.400953586 1.166470716 1.103786732 1.438840496 1 1.149273515
 1.378772423 1.259964319 1.180585615 1.187025462 0.965813311
 YER099c YER099c::PRS2::ribose-phosphate pyrophosphokinase 2 1
 0.849911905 0.791882248 0.675846281 0.793236193 1 0.5736226
 0.872180342 0.8462417 1 0.755033679 0.553154907 0.259239695
 0.9029121 1 0.586405346 0.442934605 0.484202501 0.726994425 1
 1.097564389 0.750728136 1.118399528 0.995002916 1 0.860600922
 0.756906072 0.665277208 1.097154434 1.165879333 1 1.053212856
 0.970356846 0.94823092 1.010927233 1.909312768 1 0.865002516
 0.705388628 0.795705436 1.189295071 0.868131663 0.992957567
 YML114C YML114C::TAF8::TBP Associated Factor 65 KDa 1 0.718702262
 0.791551214 0.927466898 0.798490221 1 0.899185292 0.90938603
 0.862941392 0.936378991 1 0.753729143 0.84566109 0.802355609
 0.953395722 1 0.765446736 2.128835013 2.122638876 0.60007901 1
 0.408130756 0.192599204 0.246888616 1 1.021873037 1.138509724
 1.156830414 1.606921077 1.258083293 1 0.964656807 0.692801617
 0.801329344 1.047857882 0.680189623 1 0.651898759 0.557934455
 0.743531399 0.559333185 0.644545405 0.550767503
 YER101c YER101c::AST2::Protein involved in targeting of plasma membrane
 [H+]ATPase 1 1.020350765 1.107239297 1.013747055 1.142588978 1
 1.018214457 0.932744234 1.217576255 1.143672667 1 1.174673552
 1.234498525 1.046276153 1.12755154 0.901863787
 1.109866267 1 1.94174855 1.719486319 2.251364638 1.783314045 1
 0.932939668 0.855364597 1.300408713 1.001996819 1.073681654 1
 1.33936247 1.394899929 1.888398313 1.580360902 1.295659521 1
 1.120634126 0.815205507 1.031647531 0.443683978 1.162724199 0.889634012

YML116W YML116W::ATR1::aminotriazole resistance 1 0.956891417
0.656119505 0.692557866 0.514829172 1 0.922520221 0.611629094
0.615390897 1 10.52206009 5.495670145 1.170350029 0.545730083 1
14.54107795 9.298870301 5.820011829 1.859887492 1 11.1807447
7.500735285 3.015646354 1.248532324 1 7.518748622 10.92831459
7.864638051 2.472302789 1.534957789 1.556293349 1.629597798
1.63264814 1.044714918 0.555061743 1 8.912301847 8.93140824
5.17775312 1.407490029 1.866578921 2.047208964
YER103w YER103w::SSA4::member of 70 kDa heat shock protein family 1
0.790660824 0.789745606 1.157764092 0.613304332 1 1.025023922
1.231915487 0.846213555 0.933625896 1 0.9021688 1.230482594
0.387393933 0.61416868 1 2.795257456 7.274766026 2.744614364 1
1.075924186 0.880660573 1.798220289 1.742361724 1 1.051914416
0.86453479 1.078141619 0.81178969 0.785461235 1 1.648493117
1.031891267 0.794449881 0.432915033 0.26749278 1 1.740369418
1.251148951 0.982123412 0.493917894 1.101593779 0.619066183
YML118W YML118W::NGL3::DNase/RNase (putative); CCR4 C-terminal homolog;
displays homology to drosophila Angel gene; homolog to ngl1 and ngl2 1
1.118787419 1 1.242090092 1.446628242 1.406383603 1
1.55747885 1.263131113 1.572169764 1 0.829775012
1.303985443 0.363220111 0.321791668 1
0.9342421 0.988734348 0.866036986 1 0.727946277
1.034492532 1.314420603 1.392846267 1.069387467 1 1.04449639
1.223841137 1.601081351 0.853408602 1.743460178 0.830091564
YER105c YER105c::NUP157::yeast nuclear pore complex component 1
0.75542048 0.597504508 0.854969576 0.493319517 1 0.811905484
0.817062243 0.500618412 1 0.967996433 0.797788053 0.355438472
0.833644443 1 0.889511612 0.707987192 0.675513677 0.611833132 1
0.735810642 0.510487548 0.595119433 0.564179223 1 1.046121711
0.973875266 1.17235421 1.107436952 0.886250006 1 1.091748338
0.814282501 0.88801785 0.919212668 0.533890166 1
1.167622247 0.62871158 0.899205372 0.669852347
YMR001C "YMR001C::CDC5::CDC5 is dispensable for premeiotic DNA synthesis and
recombination, but required for tripartite synaptonemal complexes,
haploidization, and spores" 1 0.666374804 0.767180526 0.842121674
0.746934856 1 0.833952354 0.767376235 0.827401898 0.664936078 1
0.601386141 0.492676304 0.750655222 1 0.586320069
0.71249282 0.392597224 1 1.292726426 1.636997061 0.870023115 1
0.82845634 0.857141925 0.800155552 0.905577275 1 0.644076852
0.429779023 0.388955529 0.611761253 0.937074293 1 0.811300978
1.110691514 0.915835632 1.381806614 0.880002116
YER107c "YER107c::GLE2::Nuclear pore protein required for poly(A)+ RNA
export, has beta-transducin (WD-40) repeats" 1 0.77883503 0.659871515
0.804191186 0.653636396 1 0.755667021 0.842751886 1
0.654335871 0.65004793 0.704484946 0.818017837 1 0.871929849
1.068033358 0.912754125 1.010703285 1 1.222645652 1.171842134
1.570489899 1.057536442 1 1.034865904 0.890348167 0.969918814
0.904972859 0.982711605 1 0.973488261 0.940412143 0.956566409
0.765912793 0.977383375 1 0.911162838 1.083218148 1.117045337
0.663191984 0.997231453 1.251266714
YMR003W YMR003W::YMR003W::molecular_function unknown 1 0.740014174
1.130043813 0.805549983 1.447634504 1 0.821701056 0.843567769
1.237583421 1.28000638 1 0.695330501 0.680883935 0.805566994
1.125432888 0.398346451 0.310936839 0.545993723 1
2.480560534 4.510027938 1 0.893236226
0.878294288 0.8267394 1 0.753128395 0.872295509 0.714805788

0.913433722 1.44178891 1 0.787191623 0.826213787 0.942255142
 1.081391927 1.439763357 1.322192232
 YMR005W YMR005W::TAF4::Protein required for protein synthesis 1
 0.640203218 0.713135702 1.038669121 1 0.863248859 0.659303954
 0.752329173 1 0.670871624 0.672645256 1.104281267 0.898927724 1
 0.819265554 0.729379335 1 1.181141712 1.096273495
 1.807842851 1 0.826008309 0.780421802 0.825953324 1.060245199 1
 0.891796655 0.905420958 0.865756463 1.003522935 1.385080468 1
 0.747160456 0.957938403 0.947748538 1.019921159 0.731176144 1.396620305
 YMR008C YMR008C::PLB1::Responsible for the production of the deacylation
 products of phosphatidylcholine and phosphatidylethanolamine but not
 phosphatidylinositol 1 0.710836699 0.603867705 0.899139854 0.494302726 1
 1.021067963 0.532331492 0.429780649 1 1.144042289 1.107050848
 0.389831526 0.828579309 1 0.800308076 1.032834534 0.88054972
 0.639407313 1 0.413366493 0.395401701 0.270506129 0.623931255 1
 0.921993833 0.753481272 1.185325623 1.281093427 0.870948285 1
 0.990350575 0.945678206 1.184264141 2.061926115 0.809429825 1
 0.963150313 1.080037669 1.570595118 0.875680058 0.982714429 0.682111082
 YKR083C YKR083C::DAD2::Duo1 And Dam1 interacting; Helper of AsK1
 0.725228027 0.929275471 1.183573513 0.70222222 0.694177456
 1.097777008 0.702883461 0.778479714 1.105463413 1.050455152 1
 0.895879948 0.731350853 1 2.450400706 1.880272173
 1.108465758 1 0.701279593 0.710824362 0.45915796 0.47109048
 0.847357522 1 0.938892261 1.240035597 0.986112811 1.418418794
 2.443873921 1 0.923762821 1.482967487 1.29832806 1.27461344
 1.58747083 1.281037964
 YMR010W YMR010W::YMR010W::molecular_function unknown 1 0.957281688
 0.838332177 0.916378123 0.946897062 1 0.893121099 0.924555182
 0.820246882 0.85236742 1 0.965013053 0.785914781 0.717157166
 0.803080986 1 0.833992583 0.638650522 0.666967448 0.8060905 1
 0.702201645 0.655136753 0.636934307 0.782942735 1 0.723618552
 0.831494479 0.781883977 0.998387857 0.697180156 1 0.852630529
 0.838059815 0.828881645 0.726843257 0.615966575 1 1.170949825
 1.036766868 1.103610361 0.964700489 1.434588338 0.797693476
 YKR097W YKR097W::PCK1::phosphoenolpyruvate carboxylkinase 1
 1.164567057 0.968613512 1.010069463 0.963003249 1 1.060296696
 1.064597274 0.98131289 1 1.024057839 1.001616387 1.203497712 1
 0.751484337 1.308539698 1.237918237 0.926800518 1 0.707875709
 0.744965954 0.612347684 0.484387508 1 1.024257428 0.988731559
 0.984692663 1.214808227 1.030713577 1 0.794421658 0.945072444
 0.703177478 0.797096641 0.861258622 1 0.669912442 0.827918123
 0.653251402 0.71719643 0.640939774 0.920280823
 YKR099W YKR099W::BAS1::Transcription factor regulating basal and induced
 activity of histidine and adenine biosynthesis genes 1 0.642534614
 0.620118879 0.765148686 1 0.603389069 0.509588361
 0.783255041 1 0.62726034 0.324389616 0.412326451 0.933668946
 1 0.935004034
 0.931995826 1.120714145 1.427508097 1.355819981 1 0.814297837
 0.666075351 0.687985698 1.250809805 0.78247683 1 0.529872458
 0.597972245 0.837554984 0.599374106 0.652449646 0.48159321
 YKR101W YKR101W::SIR1::repressor of silent mating loci 1 0.646080026
 0.881865843 1.027254818 1.130460028 1 0.822633752 1.107817267
 1 0.944549506 0.867074489 1.454420182 0.782095266
 0.201762646 1 1.016905888
 0.88744231 1.138928264 0.919720628 1.304731917 1 1.06141784
 1.15360383 1.313066349 1.157836419 1.157519395 1 0.980832314
 0.80909395 0.871109297 0.664593202 0.791278574 2.789738159

YKR103W YKR103W::YKR103W::not yet annotated 1 1.18672139 0.890007338
1.135106431 0.889309666 1 1.008392572 1.426989032 0.931412977
0.813589908 1 1.039360158 0.925692618 0.732016966 1.327090036
1 0.7976449
0.890835197 0.843462959 0.69352631 0.867098219 1 1.144987008
1.053557549 1.543843791 1.244012084 0.97018127 1 1.014031641
1.246307844 0.990442607 0.596008231 0.866691714 1.210988006
YKR105C YKR105C::YKR105C::not yet annotated 1 0.878275429 0.744536027
1.026050909 1 0.89626352 0.727293108 0.924125266 1
0.932855047 0.749549871 0.652049517 0.471873039
1 0.776858738 0.753211031 0.745835698
0.84462574 1.045579781 1 0.777094463 1.156782348 1.503484335
1.33121162 0.973733474 0.828345173 1.004342587 0.971787993
1.062086626 0.995258953 0.624319912
YLL001w YLL001w::DNM1::Involved in receptor-mediated endocytosis and
mitochondrial organization. Required for the cortical distribution of the
mitochondrial network. 1 0.968976478 1.122607763 0.924678866 1
1.365219255 1.409549119 0.847670158 0.747083546 1 1.569935268
1.40527083 0.51163366 0.893289407 1 1.237304287 0.954249034
0.713448486 1 1 0.973688669 0.853584074
0.827195446 1.219407703 1.146835121 1 1.238544736 0.832174443
0.902434831 0.971291797 1.314749869 1 0.945663783 0.670429486
1.011071339 0.985864501 0.391403925
YLL015W YLL015W::BPT1::bile pigment transporter 1.074913583
0.797172586 0.735205706 1.221624484 0.860033098
0.783064468 1.095919463 0.972041954 0.830850456 0.958430204
1.018203287 1.10065184 0.994341163 1
0.993899627 0.80155741 0.929874748 0.90526954 0.940785493 1
0.973585806 0.939696695 0.852823764 0.837961108 1.054951306 1
0.945998726 1.285996287 0.991920477 0.567533007 1.214155251
YLL017W YLL017W::SDC25::molecular_function_unknown* 1.020736918
0.938386033 0.843082093 0.971137232 0.860827639 0.885295886
1.08538676 1.11279831 0.756267627 1.263219811 0.978989 1
1.204151314 1.751253585 0.238082343 1
1.053301658 1.003439898 0.94195358 0.892095681 0.986544732 1
1.066311373 0.645404789 1.224662599
1.225873579
YLL019c YLL019c::KNS1::protein kinase homolog 1 0.814080362
0.854538486 0.760710918 1 0.797459242 0.891963658
0.672506103 1 0.93784535 1.099691167 1.593937769 1.069261414 1
1.328157423 1.53873438 0.979851756 1 0.758620367 0.977904696
0.797968021 0.606287914 1 0.932123345 1.208346448 1.376322631
1.063664727 0.704336356 1 1.09826743 1.174554431 2.169780343
1.47086134 0.831293416 1 1.026593086 1.123078628 1.272056193
0.878194565 1.284921999 0.669852347
YER109c "YER109c::FLO8::Nuclear protein required for diploid filamentous
growth, haploid invasive growth and flocculation; note that S288C strains have a
mutation in this gene" 1 0.761704806 0.830825521 0.85104546 0.740102773 1
0.802706892 0.92316435 0.819353833 1 0.946437594 0.958480755
0.786718959 0.91470557 1 0.94443606 0.882435742 0.823341537
0.85944855 1 1.249489536 1.489565019 1.344578907 1
0.832745645 0.840630151 0.926773395 0.831622537 1.09527506 1
0.962609295 0.868660293 0.886934806 0.821740468 0.717715528 1
1.024386392 1.292499392 1.271422967 0.302207975 1.025640385 0.954430189
YER123w YER123w::YCK3::plasma membrane-bound casein kinase I homolog 1
0.861048914 0.841866807 1.052495038 0.926089416 1 0.942432046
0.896268671 0.801020624 0.861609459 1 0.908253146 0.773630235

0.698224136	0.849443808	1	0.93224616	0.610520372	1.010367458	
0.623527199	1	0.506123382	0.616577182	0.414524141	0.325079399	1
0.797872364	0.770543083	0.723266459	0.923891827	0.744565345	1	
1.022384266	0.86097936	0.739844397	0.793628842	0.814368838	1	
1.471022788	1.183970891	1.361211033	1.243364969	1.603451637	0.62957364	
YER125w	YER125w::RSP5::involved in ubiquitin-mediated protein degradation 1					
1.09216411	0.877478972	1.57144641	0.804002679	1	1.380189005	
1.415716326	0.794906422	0.805198342	1	1.205842678	1.097507102	
0.793441305	0.979160073	1	1.122220845	0.680789683	1.14596669	
0.460968513	1	0.359310953		1	0.689249582	
0.565677576	0.864860733	1.213927177	0.464935695	1	0.740219038	
0.502827256	0.711943546	0.678261573	0.278386602	1	1.020958365	
0.713642986	0.880241485	0.719696345	0.808190038	0.375642687		
YER127w	YER127w::LCP5::Lethal with conditional pap1 allele 1					
0.501095055	0.604686682	0.700961249	0.85248921	1	0.544157762	
0.544836696	0.905970938	1.082343187	1	0.336189057	0.30146522	
0.367485591	0.794823195	1	0.244917172	0.29519997	0.693499722	1
0.59718342	0.934230651	0.801990333	0.871355848	1	0.558599619	
0.469749895	0.456472973	0.563210147	0.796021546	1	0.644722027	
0.893113425	0.605727477	1.441778148	2.463782663	1	0.439444239	
0.64221753	0.838762268	1.211391078	0.735236459	0.898390244		
YMR012W	YMR012W::CLU1::CLU1 is similar to the Dictyostelium cluA gene 1					
1.42458211	1.240668757	1.644017578	1.322601771	1	1.372953673	
1.627587658	1.211152224	1.196690917	1	1.133247611	1.219203366	
1.014430907	1.456298679		0.980043923		1	
	1	0.855238474	0.684076845	0.663143534	1.03709979	
0.883311739	1	1.037490024	0.580905328	0.265554184	0.36104705	
0.407294701	1	0.869535625	0.60773538	0.782845575	0.81860678	
0.783477965	0.578787476					
YER129w	YER129w::PAK1::high copy suppressor of temperature sensitive cdc17 (DNA polymerase alpha) mutations 1					
0.811806108	1	0.760628368	0.728143588	0.654853966	0.614325704	1
0.974106044	0.799568551	0.537018714	0.813366062	1	0.432973146	
0.554481516	0.444292658		0.938185726	0.666348114	1	
0.828695104	0.942360984	0.816231137	1.02112412	1.036681385	1	
0.971137627	0.708376351	0.83240698	0.853171806	0.847311085	1	
0.868580854	0.710512354	1.044027574	0.912169598	0.96460175	0.871245884	
YMR026C	YMR026C::PEX12::C3HC4 zinc-binding integral peroxisomal membrane protein 1					
0.920197417	0.93168957	1.222115453	1.31489915	1	0.932161974	
0.946819647	0.972582121	1.232763406	1	0.837007958	0.68568452	
0.566115386	1.20824645	1	1.359203114	1.456754337	1.35603256	1
0.88430783	0.988541021	1.002165834	0.990090892	0.97262383	1	
1.077936403	1.227769098	1.032080328	0.990911638	1.274522503	1	
1.340707707	1.194909501		1.032543933	1.253840582	1.051624402	
YER131w	YER131w::RPS26B::Homology to rat S26 0.93085295					
1.315334757	0.771520737	1.585929785		0.966160917	0.964379419	
1.273305813	1.307172365		0.87287754	0.802807207	0.821501909	
0.879132124	1	0.792538355	0.309761905	0.186768033	0.545230756	1
1.648205602	1.239685304	1.135071366	0.779146655	1	0.781576641	
1.007178938	0.831549108	0.820158999	1.007313119	1	1.355566855	
2.202429789	1.201953676	0.888937544	2.286136583	1	1.095433034	
1.350596944	1.233384533	2.590615892	1.116090651	0.971066988		
YMR028W	"YMR028W::TAP42::Two A phosphatase Associated Protein, apparant MW of 42 kDA" 1					
0.904639326	1.57462104		1	0.905501411	1.17377894	1.31589688
1.170444095	1	0.950565451	0.763420187	1.040861047	1.478758032	1

1.151037407 1.678621368 1.558529617 0.915375868 1 1.0534027
1.161341271 0.997533432 0.757715656 1.11093482 1 1.164859892
1.282653916 0.902410915 1.288838856 1.474267577 1 1.197174292
1.232328472 1.187332554 1.402538895 1.201720303 1.235505476
YER133w YER133w::GLC7::Glycogen accumulation. Giplp-Glc7p phosphatase complex is required for proper septin organization and initiation of spore wall formation during sporulation. 1 1.073469531 1.038944817 1.170530061
1.204740676 1 1.0807092 1.071742326 1.105874844 1.004316823 1
0.953509818 0.952229077 0.925473335 1.006648327 1 1.665531451
1.24856175 1.276534287 1.498024066 1 0.609458757 0.880999846
1.228013704 1 0.936383769 1.071590235 0.977378179 0.849762937
1.09014545 1 1.031703166 0.965719559 0.897044567 0.798222489
1.02486684 1 1.201627163 1.150322299 0.97828169 1.272999439
1.505861136 1.119923134
YMR030W YMR030W::YMR030W::molecular_function unknown 1 1.004644711
1.315897939 1.289280067 1.603520297 1 1.125402789 1.443585214
1.202471734 1.17138088 1 1.257619839 1.295827473 1.628604609
1.310584736 1 1.33883461 1.18268615 1.598465163 1.713943751 1
1.25047329 2.078417917 1.455632586 0.799325306 1 0.891098546
0.921794487 0.771668911 1.027816032 1 1.170782711 1.547977782
1.553242628 1 1.175277808 1.389253048 1.26788763 1.448196936
1.352839042
YER147c YER147c::SCC4 1 0.874792095 0.971564727 1.131527499
0.756048964 1 0.946549617 1.128241697 1.097621082 1.070018363 1
1.056086193 0.960722174 0.971381105 1.16389229 1 0.53917797
0.640287527 0.726112273 1 0.754966276 0.880899216 1
0.964275191 0.928181911 0.95579864 0.972636862 0.876625715 1
1.048007238 0.979009932 0.996029033 1.263197729 1.39469368 1
0.890345823 0.941285834 0.9948935 2.618098159 0.807689022 1.172460524
YMR032W YMR032W::HOF1::SH3 domain containing-protein required for cytokinesis 1 0.552199268 0.799706237 0.795476145 0.642426415 1
0.873407436 0.921194644 0.746592556 1 0.737561652 0.860330949
0.657551851 0.664954922 1 1.046134716 0.63231955 0.449041927 1
1.595615343 1.621091098 1.569940853 0.437785251 1 0.92975544
0.861795831 0.91778641 1.064440671 1.095361432 1 1.081479466
0.62555785 0.556393691 0.763937631 1.388907178 1 0.934607385
0.734970355 1.012724813 0.703040934 0.986175474 0.850230918
YER149c YER149c::PEA2::Pea2p is localized with Spa2p to sites of polarized growth and is required for efficient mating and bipolar budding; it is required for pheromone-induced shmoo formation 1 0.949974035 1.013491173
1.044246985 1.023172439 1 0.884148021 0.922323414 1.043657099
1.270517453 1 0.796061397 0.732555909 0.739088314 1.175135449 1
0.74086112 0.617159956 0.527143926 0.725665825 1 0.979840766
1.004600775 0.935004838 1.108618463 1 0.828098236 0.887537847
0.838817885 0.791551864 0.988909843 1 1.122458705 0.984324314
0.951046307 1.20394528 1.080285639 1 0.940729211 0.89206132
0.895120671 0.811765268 0.910273469 0.95705708
YMR035W YMR035W::IMP2::Inner membrane protease (mitochondrial protein) 1
1.113054566 1.124492314 1.041878674 1.400060047 1 1.081841294
0.989092722 1.372806773 1.283750158 1 1.017205528 1.254029328
1.325862539 1.237841736 1 0.892689219 0.927633844 0.803972871
1.258654951 1 1.063097366 1.28133233 1.48046484 1.390489381 1
1.139719998 1.071027769 1.34237681 0.989158264 0.993761894 1
1.270918694 1.73523456 1.679831723 1.179279689 1.188403325 1
1.330795154 1.112926684 1.099815711 1.355213877 1.117152983 1.227624805
YER151c YER151c::UBP3::Possible role for UBP3 in controlling the activity or assembly of the SIR protein complex. 1 1.047745439 1.082274583

1.054689048	1.242027871	1	1.005891915	0.956750786	1.111791011		
1.123250911	1	0.883228417	1.124121949	1.243313182	1.121555508	1	
0.944001278		0.841028282				1.005598963	1
1.163445465	1.118207522	1.123712103	0.922428322	0.893788243	1		
1.283279737	1.295677956	1.093815946	1.154380607	1.057128771	1		
1.02803711	1.305657647	1.125249818	1.14727106	1.097199106	1.897477256		
YMR037C	YMR037C::MSN2::Transcription factor. Multicopy suppressor of snf1						
mutation.	1	0.663186062	0.735280938	1.007048341	0.725516813	1	
0.884066719	1.067878702	0.610667786	0.667354381	1	0.907471139		
0.875461716	0.635777447	0.793612799	1	0.885743186	0.674066379		
0.862796234	0.547577434	1	0.870502129	1.162663626	0.808813527		
0.85522655	1	0.955034978	0.894389649	1.085117895	0.915651058		
0.829421797	1	1.241541374	0.932632389	0.850052616	1.212533621		
0.703191438	1	1.009109136	0.896773635	1.168246245	1.023241763		
1.068432434	0.846728415						
YMR053C	YMR053C::STB2::binds Sin3p in two-hybrid assay and is part of large						
protein complex with Sin3p and Stb1p	1	0.802829165			1.015250463		
1.100127357	1	0.865199837	0.964472114	1.0966081	0.909727638	1	
1.076666154	1.410932052	0.96169545	1.470524562	1	1.515963125		
1.520874739		0.554143505	0.627320847	0.556097768	0.455509146	1	
1.075129173	1.319712525	1.199112004	0.781982812	1.003906993	1		
1.427438556	2.154898839	1.39412347	1.099398919	1	1.70123572		
1.507402741	1.745409611		1.270162921	0.913275817			
YMR055C	YMR055C::BUB2::Protein required for cell cycle arrest in response to						
loss of microtubule function	1	1.066594083	0.935503769	1.076888318			
0.890963283	1	0.95917358	0.971539124	0.911666178	0.964609524	1	
1.317581448	1.04575099		1.149509224	1	1.045951043	0.972197923	
1.192424551	0.515667285	1	0.431985462	0.32306671	0.260776977		
0.536220065	1	1.176945508	0.885315639	0.822842371	1.04275831		
0.751919891	1	0.897101343	0.890962459	1.139580731	1.212076564		
1.016525937	1	0.984092674	1.012130562	0.986656676	0.652974987		
0.90566037	0.852857756						
YLL021w	YLL021w::SPA2::spindle pole antigen						
1	1	1.121741099	1.048072118				
1.022527753	1	1.048211875	1.070770373	0.931792249	1		
1.131949268	1.08636663	0.698432001	1	0.890576056			
0.89826793	0.661249881		0.686858499	0.783871491	0.703375714	1	
1.062684979	0.960250291	1.280676184	1.216914203	1.161973908	1		
0.925585602	0.805422177	0.992125688	1.312838652	0.621786713	1		
0.94796209	1.014249014	1.533017925	0.874121117	0.974348547	0.83184279		
YMR057C	YMR057C::YMR057C::molecular_function unknown						
1	1	1.251071761					
1.848292425	1.525304288	1	1.394624501		1		
1.437969739	1.653106004	1.953966677	1	1.140211523			
1	0.81061174		2.301943968	1.070502845	0.916719389		
1.028511875	0.871710405	1	1.0064857	1.031619854	0.999245109		
0.923885366	0.806343811	1	0.932042021	0.710705319	0.953076748		
0.529229911	0.806750684	0.784559128					
YLL023C	YLL023C::YLL023C::molecular_function unknown						
1	1	1.329733703					
0.992012297	1.110008727	1.158275125	1	1.219767164	1.164610479		
0.942549976	1.292422771	1	1.464966086	1.547739062	2.814011247		
1.177543595	1	2.423776405	2.021010964	3.989312341	1.824349138	1	
1.835376248	1.532075888		1.92250272	1	1.372151923	1.731019563	
1.699584375	1.256980165	0.789165804	1	0.907305215	1.343846441		
1.827582819	1.318209073	0.796671352	1	1.584417723	1.736322598		
1.199429577	1.032543933	1.308205157	1.270530402				
YLL025W	YLL025W::YLL025W::molecular_function unknown						
1	1	1.274107129					
1.335066348	1.015930108	1.344097154	1	0.970181766	0.884314806		
1.360293046	1	1.235388591	1.22530713	2.34467786	1.118044734	1	

1.763271822	8.853938906	1.810409749	1.939593849	1	1.838179818
2.582486917	1.825030047	1.307140908	1	1.147177841	1.194564292
1.018801752	1.122684912	0.997607776	1	1.122102394	1.533067064
1.510287795	1.487704244	1.910149968	1	0.956055175	1.387512507
1.14169113	1.2697762	1.338583772	1.305555433		
YLR260W	YLR260W::LCB5::involved in sphingolipid biosynthesis 1				
0.773040865	0.700262873	0.823074282	0.654178994	1	0.849157854
0.901714936	0.754780313	0.748866092	1	0.878705699	0.920465109
1.052086871	1	0.778934562	0.961789343	0.889921008	1.025027043
0.650769371	0.581473859	0.51853998	0.543567		1.151532285
1.162466474	1.1234825	0.916229468	0.937734578	1	1.058547398
0.963312537	0.979295015	0.827073798	1	1.569300519	1.074793878
0.474313463	0.878509529	0.822210945			
YLR262C	YLR262C::YPT6::Ras-like GTP binding protein involved in the secretory pathway. Ypt6p is required for fusion of endosome-derived vesicles with the late Golgi. 1				
	0.800313617	0.919781997	0.838506648	1.050946282	1
	0.787435237	1.008189311	0.968911533	1	0.909639459
	1.081182575				
0.95666391	1.065327717	1	1.112779097	0.928939984	0.849086174
1.052788032	1	2.392875057	1.343048389	2.104073423	1.455754356
1					
0.985563405	1.246799152	0.991238746	0.825693904	1.101773166	1
1.062878699	1.648262454	1.358491145	1.299844015	1.855018553	1
1.404293107	1.490660139	1.178962889	1.056010856	1.541835998	1.61202375
YLR264W	YLR264W::RPS28B::Homology to mammalian S28 1				
					1.782683588
1.431351957	0.885420686	1.639489511	1	0.90841664	1.062230097
1.403405154	1.074384592	1	0.916780716	0.763910545	1.720750789
1.007245493	1	0.333255552	1.133810118	0.230399455	0.448327245
1					
1.315280889	1.024039301	0.693046146	0.772767225	1	1.014266341
0.902455964	0.741811708	0.839420935	1.356095289	1	1.063307583
1.640440817	0.92497913	0.661003162	1.674540511	1	1.086509071
1.067127991	0.743048107	1.420699256	1.106510072	1.016599476	
YLR266C	YLR266C::PDR8::Pleiotropic Drug Resistance 1				
					1.069215484
0.817280262	0.876664393	0.795066446	1	0.863741978	0.93846434
0.753735605	1	0.960320263	0.911884239	0.810340192	0.934222196
1					
0.857836006	0.239030727	0.603438157	0.976701437		0.759036896
0.461824433	0.707540518	0.709898499	1	0.885250017	1.257011856
1.070591952	0.801341999	1.086903035	1	1.110875837	1.124455957
1.297714394	1.071822724	0.92537938	1	1.709241505	1.556668561
1.266442234	1.296388009	1.552792752	1.332699689		
YLR268W	YLR268W::SEC22::Synaptobrevin (v-SNARE) homolog present on ER to Golgi vesicles 1				
					1.345898758
1.000890217	1.11774737	1.13701115	1.267829481	1	0.86396768
1.014587212	0.892532844	1.2579573	1	0.88353056	1.03232978
0.657728305	0.823269348	1	1.394263899	1.293186156	1.818950138
1.288947959	1	1.268245785	1.230569886	2.883166458	4.33078196
1.030941777	1	1.013747829	1.369084135	1.1585768	0.866081541
1.33809275	1	0.988741292	0.956877818	0.874670494	0.862980611
1.249879518	0.948300744				
YLR270W	YLR270W::HNT4::trehalase-associated protein 1				
					1.080208385
1.322318763		1	1.448565706	1.34594294	1
1.183773929	1.837197125	1.334642547	1	1.414863582	
1.748773013	1	1.524728888	1.661231993	2.45149064	1.796784829
1					
1.046344111	1.527558163	2.063550277	0.97326857	1.06171355	1
1.428468169	1.795900799	3.129340607	2.473064258	1.411645486	1
1.431049577	1.686906184	1.673501934	0.810382897	2.2927527	0.90364392
YLR284C	YLR284C::ECI1::enoyl-CoA isomerase 1				
					0.68625456
1.325527399	1.295397301	1	1.221059456	1.404821839	1.507089924
1.490749676	1	0.909654443	1.511887412	1.035281836	1.309033655
1					

1.233365876 1.504054748 2.222879115 1 2.165601389 2.038203301
3.361375938 2.022303415 1 0.84116685 1.186108342 1.028563253
1 0.851106529 1.182151487 1.273920395 1.446472723 1
0.932654804 1.10886111 0.361993702 1.879918312
YER153c YER153c::PET122::translational activator of cytochrome c oxidase
subunit III 1 1.09303244 1.04252892 0.803391512 1 1.241980793
1.162433381 1.052356777 0.98408837 1 1.154711235 1.290207038
1.109715831 1.210083437 1 0.956707907 0.672131369 1.032901895
1.224778119 1 1.03928709 2.398778984 1.62237023 0.679362189 1
1.13678141 1.340988038 1.283435605 0.992960519 0.885739552
0.850701175 0.91603616 1.957390186 1 0.670388216 0.813843834
1.042558443 1.043726236 0.927285829
YER155c YER155c::BEM2::Protein with role in bud emergence
1.078607396 0.979383496 1.185234696 1.01616981 1.106605361
1.067627307 0.870511867 0.920596282 0.97415069 1.006946607
0.723342375 0.902627849 0.886041652 0.611114628
1.214385796 1 0.844967142 0.737948606 0.876768546
0.957720441 0.769859961 1 0.959819645 1.058485944 0.760435239
1.155955738 0.862686832 1 1.070142562 0.99152685 1.022839582
1.113883417
YDL106C YDL106C::PHO2::Regulation of phosphate metabolism 1
0.831017463 0.980338415 0.935964007 0.964905724 1 0.931233328
0.928744939 0.840259886 0.773128148 1 0.928337244 0.995828924
0.942454873 0.77709326 1 1.04647088 0.929789769 0.735087751
0.709951004 1 1.090278825 1.270546724 1.053491448 1.172023148 1
1.027809243 0.92278327 0.880614583 0.721462911 1.094655623 1
1.062461306 0.970383217 1.130459108 0.799273397 0.764383632 1
1.013186434 1.037804302 0.980807268 1.13912913 0.908333629 1.127803701
YER157w YER157w::COG3::<u>C</u>onserved <u>O</u>ligomeric
<u>G</u>olgi complex <u>3</u>
secretion (golgi retention)
deficient 1 0.960969745 0.921518078 1.1510649 0.981541022 1
1.113039616 0.94559661 1.055663415 0.971755791 1 1.019455541
0.854879169 0.600925101 1.045310941 1 1.255040993 0.995117204
0.982256095 1 1.423488381 1.087474076 1.301477177 1.267365478 1
0.86919403 0.962104201 0.89200596 0.905171858 1 1.03157852
0.901070973 0.841243165 0.831295538 0.883073679 1 1.112543996
1.047617598 1.118748854 0.761792884
YDL108W "YDL108W::KIN28::serine-threonine kinase, subunit of transcription
factor TFIK, a subcomplex of TFIIH" 1 0.804693553 0.954234664
0.889965521 0.948074601 1 0.887401809 0.83569067 1.124151915 1
0.759315121 0.892071491 1.078357121 1.074089523 1 1.034667005
0.816265901 1.250822921 1.343175476 1 0.947676437 1.948707111
1.64848302 0.725226968 0.663072607 0.933286668 0.929499937
0.72231848 0.909985248 1 1.000998405 0.856340522 1.109753832
0.955862771 1 0.886701762 0.774037609 0.902721974 1.06093891
0.599875145 0.792439695
YER171w YER171w::RAD3::DNA helicase component of transcription factor b
(yeast homolog of human TFIIH) 1 0.959014798 0.827662639 1.071867595
0.872997352 1 0.961925095 0.994743873 1.002076871 0.872518879 1
0.819690853 0.708104644 0.594599371 0.920618739 1 0.795765985
0.927718713 0.744918263 1 0.972690527 1.10055822 1.198281159
1.05239488 1 0.717156649 0.610538684 0.59019916 0.735812626
0.809453089 1 0.925128366 0.767756192 0.593242657 0.753845627
1.055621349 1 1.0451773 0.96072133 1.159894196 1.301742827
1.138397806
YDL122W YDL122W::UBP1::Ubiquitin-specific protease 1 0.814512642
0.880437816 1.289136301 0.990344788 1 1.076600823 1.132893859

0.939694578	0.934492081	1	0.742201906	0.700645742	0.554261939	
1.111957894	1	0.713215172	0.526070602	0.787828623	1	
0.643866447	1.065415189	0.807593042	0.875636663	1	0.810286817	
0.699675868	0.635531044	0.860274804	0.948177122	1	0.88851349	
0.686262685	0.692226435	0.770105007	0.798893381	1	0.729907619	
0.74830212	0.838856187	0.986106799	0.754658236	0.817832829		
YER173W	YER173W::RAD24::checkpoint protein	1	0.788067812	0.925122409		
1.154996982	1.086310982	1	0.99844084	1.020187545	1.172947394	
1.210647457	1	0.743110453	0.821184858	1.086333175	1	
0.859849391	0.777484733		0.478472653	0.772689312		
0.47007831	0.67945875				1	
0.812373344	0.823836134	0.851512733	1.110540026	1.227272645		
	0.942319628	0.800320314				
YDL124w	YDL124w::YDL124W::molecular_function unknown	1	0.70971545			
1.045403581	1.036870509	1.179499867	1	0.938564026	1.260355536	
1.188009183	1.36718457	1	1.650453696	3.251570301	3.841803562	
1.783001358	1	4.263859736	6.253271859	5.603631659	4.513543974	1
3.038635066	2.074717428	3.590039663	2.678946624	1	1.948641467	
3.741556004	3.304163014	0.842027242	0.956581396	1	3.19482434	
7.001184978	7.378131885	4.552214294	2.056018561	1	2.888342972	
4.813402522	3.078269577	1.056077657	2.615485582	1.763506683		
YER175c	YER175c::TMT1::Trans-aconitate Methyltransferase	1	1			
1.149665141	1.413170135	0.999702442	0.919462847	1	1.01182309	
1.156185472	1.028524524	0.998637151	1	4.618334962	4.107628514	
1.345863931	0.939962458	1	2.740245793	2.381141509	1.050849863	
1.011859883	1	5.190886915	4.300173164	2.367668529	1.087623968	1
1.206275337	1.815542908	1.991564623	1.049591514	1.102857536	1	
2.47233672	3.036877729	5.879324292	1.799041096	1	3.290157708	
2.236928307	1.425240517	0.71555532	1.223822087	0.999962573		
YDL126C	"YDL126C::CDC48::Microsomal protein of CDC48/PAS1/SEC18 family of ATPases; full length homology to mammalian protein VCP; involved in secretion, peroxisome formation and gene expression"	1	0.723332902	0.734429257		
1.347990383	0.602849007	1	1.103512151	1.319957364	0.761121758	
0.791461907	1	0.960354644	1.156051077	0.629204946	0.972526303	1
1.821827308	1.984145532	2.010223563	0.858697751	1	1.124150926	
0.56935627	0.842797686	0.999525075	1	0.987567543	1.278048408	
1.86804282	1.225414318	0.972810018	1	1.290505393	0.964209706	
1.755196549	1.076421168	0.452712846	1	0.937462767	0.964779466	
1.250971072	0.541682717	0.866530839	0.694369817			
YER177w	YER177w::BMH1::Brain Modulosignalin Homolog	1	0.950797071			
1.112104361	0.903616104	1.138962882	1	0.975948661	1.002688151	
1.131992041	1.277393863	1	0.904988087	1.037250287	1.598336406	
0.921844907	1	1.736444438	1.454128668	2.064352876	2.147974838	1
1.545606669	2.195318415	2.933713658	1.596879882	1	1.042143109	
1.006979241	1.2439666	0.913614298	0.858179797	1	1.046672719	
1.494173113	1.214018355	0.764762001	1.224763436	1	1.072287678	
1.03460415	0.928604635	0.872341734	1.262784568	1.095405665		
YDL128W	"YDL128W::VCX1::Similar to sodium/calcium exchangers, including bovine Na+/Ca2+,K+ antiporter; putative vacuolar transmembrane protein"	1				
1.10495509	0.827592401	1.140296647	0.798352457	1	1.144953409	
1.034923361	0.810965274	0.966637379	1	1.166117237	1.037639153	
0.938866297	0.774738404	1	1.722501974	1.591116557	1.640810146	
0.992711619	1	0.703227197	0.479974726	0.356070527	0.663640444	1
1.173616131	1.030658184	0.975358734	1.04500487	0.629702419	1	
0.761892518	0.728601145	0.881750932	0.672098539	0.600214763	1	
0.920551539	0.754422639	0.74254234	0.722780785	0.881745393	0.805574095	

YER179w "YER179w::DMC1::Dispensable for double strand breaks, synaptonemal complexes, gene conversion in return to growth assay. Required for full pairing by in situ hybrid. assay, wt time of appearance of synaptonemal complexes and reciprocal Rec in growth assay" 1 1.24535713 0.878279781
1.159321017 1 0.909998193 1.04994597 1.349058297 1.291321208 1
1.097148114 1.048050634 1.082340227 1 0.777956613 0.393359024
0.416482523 0.745067324 1 1.213324836 1.17152249 0.581897123
0.720352517 0.942518934 1
1 1.260361526 1.464817287 1.267027951

YDL130W "YDL130W::RPP1B::Homology to rat P1, human P1, and E. coli L12eIIB" 1 1.481055414 1.546864624 0.825963027 1.498116849 1 1.131956434
1.089891296 1.026956227 1.150217032 1 1.302651157 1.016888271
1.0564632 0.834342922 1 0.977807062 0.439283407 0.307335152
0.953812619 1 1.39377895 1.08783707 0.554378786 0.562870347 1
1.061560004 0.87812419 0.68861194 0.970046497 0.841036493 1
0.94247529 1.19730098 0.721283409 0.523946112 1.308812233 1
0.855071861 1.005384211 0.82656881 1.410246806 0.838881641 1.177714305

YER181c YER181c::YER181C::molecular_function unknown 1 1.699659735
1.902766916 1.620001423 2.085051531 1 1.525775743 1.200858563
2.003709236 1.859247804 1 1.853410288 1.415927499 2.520072002
1.547479749 1 1.361546273 1.52256485 1.341779622 1.763164414 1
1.817221136 1.335895303 1 0.533297609 0.543127487
0.583048459 0.891778701 1 0.963197952 0.919506523 1.225880095
1.425732157 1 0.792319383 1.661934354

YDL132w "YDL132w::CDC53::acts together with Cdc4p and Cdc34p to control the G1-S phase transition, assists in mediating the proteolysis of the Cdk inhibitor Sic1p in late G1" 1 0.679646717 0.810769112 1.01753784 0.769178219 1
0.981375313 1.051441404 0.798350179 0.668514941 1 0.895308039
1.179951684 0.652774007 0.941207725 1 1.170854412 0.91816661
1.032982131 0.869318948 1 1.129736738 0.91957628 1.090532925
1.320175013 1 1.161205337 1.55183557 1.408989989 0.958139352
0.970595299 1 1.434411376 1.212408184 1.712514067 1.149143835
0.637116401 1 1.150325189 1.394620438 1.215451234 0.725797928
1.063050381 1.047246286

YFL003C "YFL003C::MSH4::dispensable for DNA repair, required for full levels of reciprocal exchange and spore viability" 0.357394947
1 1.075203606 2.215648728 0.764282403 1
0.814003752 0.715079868 1 1.203251369
1 1.030670583 1.785159754 0.956181415

YDL146w YDL146w::YDL146W::molecular_function unknown 1 1.087484431
1.05739513 0.957170813 0.746689703 1 1.056165557 1.110393092
0.823365299 0.758728229 1 1.626179871 1.278157694 1.070196546
0.80434845 1 1.402370172 1.887254572 0.945864224
0.391160107 0.778280402 0.398597313 0.447899209 1.100175589
1.283039043 1.4457765 0.818304402 0.853529843 1.093317828
1.075850988 1.414596476 0.769449601 0.819194593 1 1.88160775
1.3729304 0.950927634

YDL148c YDL148c::NOP14::part of small (ribosomal) subunit (SSU) processosome (contains U3 snoRNA); Nucleolar Protein 14 1 0.64501821 0.556033574
0.985962582 0.857637245 1 0.745087728 0.683630697 0.832246018
0.831033109 1 0.510474991 0.292512354 0.262248735 0.936698403 1
0.185848656 0.133746981 0.341929664 1 0.453450761
0.461341837 1 0.633287519 0.488122953 0.477268581 0.705333444
0.784702252 1 0.787639876 0.60253311 0.441994227 1.045490152
1.068426866 1 0.752894058 0.478374582 0.884567312 0.762322359
0.593138437 0.590170598

YFL005W YFL005W::SEC4::Involved in transport and fusion of post-Golgi secretory vesicles to the plasma membrane 1 1.057986478 1.032649756
0.971613744 0.938021917 1 0.998050775 0.900113433 1.229726071
1.201621062 1 0.770525968 1.021682446 1.157087261 0.982664484 1
1.35595178 1.008714217 1.027382084 1.592496059 1 1.350311141
1.33123847 1.306386229 0.948216085 1 0.850489253 0.908718671
0.823418078 0.929684028 0.812003357 1 0.968866223 1.111753036
0.833975011 0.76951539 0.876112565 1 1.39419635 1.205666038
0.97475716 1.026110624 1.460647737 1.214490457
YFL007W YFL007W::BLM3::bleomycin resistance 1 1.3353708 1.138183603
2.036697942 0.769467375 1 1.691979554 1.501711499 1.327681709 1
1.33362859 1.642895546 1.27240378 1.649093971 1 1.573208235
2.213960984 4.18621265 0.442985877 1 0.730920532 0.260323623
0.150869176 1 0.896858333 0.858435674 0.948837347 1.067229995
0.911890784 1 0.917568199 0.659920526 0.71727561 1.02269345
0.347265771 1 0.765869438 0.682146663 0.82852363 0.513585819
0.741273668 0.676857354
YDL150W "YDL150W::RPC53::RNA polymerase III (C) subunit, homologus to human BN51 protein" 1 1.661786144 1.480648299 1.519458966 1.534647027 1
1.495529423 1.484111153 1.622318366 1.704794369 1 1.478051366
1.524007032 1.64939852 1.250142239 0.806930757 0.775063794
1.234064134 0.790796909 1 1 1.232267977
1.223208711 1.159474501 1.629949438 1.137710809 1 0.8942329
0.723099959 0.732540916 1.012823324 0.591749091 1 0.623019039
0.520949543 0.592537926 0.44569628 0.810210886 0.644459265
YFL009W YFL009W::CDC4::Init. of DNA synthesis & spindle pole body separation; dispensable for both mitotic and meiotic spindle pole body dupl.; essential for mitotic but not premeiotic DNA synth.; wt levels of synaptonemal complexes and intragenic recombination 1 0.756807316 0.671553851
0.831180055 0.57536329 1 0.92146792 0.95425275 0.696934594
0.674504936 1 0.965883598 0.776535802 0.606987738 0.709736366 1
1.063083874 0.754143032 0.844831956 0.767682637 1 1.05917163
1.366639966 0.758783607 1 1.126571896 1.279654311 1.177769454
1.232896315 1.033588008 1 1.147442262 0.89353639 0.895299613
0.775542959 0.85407422 1 0.98510033 0.843648638 0.955593754
0.820850806 0.812192249 0.794190973
YDL152w YDL152w::YDL152W::molecular_function unknown 1 0.877519284
1.556854548 1.053231393 1 1.044813684 0.981626172 1.410405476
1.323141587 1 1.051396608 2.02625795 1 0.267971525
0.261067905 0.321263345 1 0.958893466 1.338929114 0.782707755 1
0.697059864 0.629865037 0.675134418 0.791590518 1
0.612601932 1.708103369 1 0.777724964 1.025820371
0.81692141
YFL010C YFL010C::WWM1::WW domain containing protein interacting with Metacaspase (MCA1) 1 1.081567812 1.212840287 0.71941552 0.686738133 1
0.879152946 1.136906203 0.915467438 1.026204568 1 1.172575888
1.348037396 1.859583021 0.839268003 1 1.058442558 1.591003797
1.507545245 1 1.197555099 1.28239197 1.683772645 1.308535112 1
0.889082735 1.077981832 1.453414287 1.078044367 0.774238138 1
1.011730877 1.237906767 1.261307028 1.446067526 0.881287822 1
0.778337253 0.859393214 1.129024641 0.460206224 0.963622572 1.056002518
YDL154W "YDL154W::MSH5::dispensable for DNA repair and meiotic intrachromosomal reciprocal recombination, required for full reciprocal recombination between homologs, and spore viability" 1 1.154356887
1.436693096 1.304183059 1 1.308434879 1.61095906 1.342101898 1
1.022227807 1.0627444 1.309427808 1.469978304 1 0.529908321
1.253235902 0.795463238 1 1.499364786 2.304299217 1.351751427 1

0.749875394 0.796467241 0.838891439 0.810546275 0.942175533 1
0.77811523 0.735107115 0.713196384 0.87698877 1.322202297 1
0.719549739 0.813431414 1.258753995 1.331163692 0.900141469
YFL012W YFL012W::YFL012W::molecular_function unknown 0.928390408
1.177699658 0.972214552 0.837914231
1.029896473 1 0.738899892 0.920600456 0.881427604 1
0.744658104 1.849637011 1.023191265 0.967018392 0.609433351
0.773136816 0.865812621 0.819082438 1
4.584761358 0.353381824 0.651966693 0.172646885
1.266152286
YDL156w YDL156w::YDL156W::molecular_function unknown 1 0.64905263
0.718284271 1.028319369 1 0.87285324 0.997758287 0.806755777
0.679327229 1 0.78336595 0.82888308 0.303877542 1.056952741 1
0.517746743 0.652849974 1 0.679446352 1.553865236
1.456970973 1 0.994301006 1.120779477 1.308637293 1.026341656
1.032191074 1 0.952118478 0.850508563 0.815052412 0.947507229
0.73822164 1 0.961411415 0.9225511 1.296035631 0.788770403
0.932581127 0.860738375
YFL026W YFL026W::STE2::alpha-factor pheromone receptor; seven-transmembrane
domain protein 1 1.291066845 1.01315102 1.013353801 1.151306404 1
1.062585199 1.028927947 1.11374773 1 1.100437234 1.003537217
0.925182993 0.999386949 1 0.776251472 0.609353463 0.783292694
0.707166024 1 0.759575815 0.361666926 0.543671323 0.938395917
0.873064649 0.846768935 0.802198874 0.908473012 0.999931199 1
0.845243284 1.074806338 2.191005929 1 0.949638186
0.934405607 1.022471849 0.75579924 1.290535596 0.923783274
YDL170W "YDL170W::UGA3::Transcriptional activator necessary for gamma-
aminobutyrate (GABA)-dependent induction of GABA genes (such as UGA1, UGA2,
UGA4)" 1 1.491310963 1.090912203 1.196688183 1.113487843 1
1.29044103 1.389599586 1.132106486 1.068214329 1 2.55674415
1.022539828 0.775866087 1.001405004 1 0.963883171 0.965606813
0.32125251 0.551184785 1 1.398155467 0.987987784 0.679024453
1.01549735 1 0.643063574 0.604443424 0.589331247 0.679684915
0.80621826 1 1.223962347 0.906342979 0.883832784 0.856599864
0.879059892 1 1.322804407 0.8082206 0.952089954 0.678088566
0.967047871 1.154072396
YFL028C YFL028C::CAF16::CCR4 associated factor 1 1.050139542
1.157577623 0.962566829 1.171849385 1 0.952895265 0.951031082
1.441968095 1.185279072 1 1.331324665 1.229184256 1.092230801
0.892576789 1 1.214079866 0.800595819 0.971635902 1.201424958 1
1.246765226 2.891589162 1.616986767 1.032628454 1 1.051043537
1.236805665 1.055462306 0.949239533 1.061388752 1 1.123000675
1.337147525 0.893723666 0.821758714 1.343761003 1 1.513666851
1.658408765 0.99457612 1.462609147 1.336517868 1.362470939
YDL172c YDL172c::YDL172C::molecular_function unknown 1 1.185761434
1.271514754 1.026255081 1.290651551 1 1.008124838 0.997722371
1.211912116 1.354741056 1 0.80741491 0.889614857 1.421441969
1.081740468 1 0.818956003 1.049834442 1.032413155 1
1.57520879 2.016176717 1.721668573 1.499129754 1 0.539085308
0.622593206 0.504457969 0.581921576 0.705407587 1 0.749879818
0.759942648 0.660259416 0.886811387 1.41825068 1 0.84094728
0.821048853 0.991450781 1.298097654 1.26693517 1.384361518
YFL030W YFL030W::YFL030W::molecular_function unknown 1 1.201966087
1.403008334 1.247671562 1.141102742 1 1.223748589 1.35622925
1.612204874 1.514470868 1 1.433644465 1.775482531 1.39831935 1
4.044158761 4.310890674 8.310608003 6.392433197 1 2.824630247
4.63140905 6.656888565 3.248856092 1 0.777120125 0.957864892

1.093317916 0.915879378 0.732671491 1 1.351816395 1.764088514
1.445405684 1.649360168 1 0.946639815 1.034737839 1.104393865
0.866368914 1.678222162 1.03761439
YDL174C YDL174C::DLD1::mitochondrial enzyme D-lactate ferricytochrome c
oxidoreductase 1 1.486871059 1.61660119 1.275185104 1
1.518044825 1.452483758 1.332267527 1.50633465 1 1.271039392
1.621084489 1.534612294 1.291617347 1
1 0.993899592 0.892718108 1.106149442 0.878104494
0.77440625 1 0.800688983 0.671083304 0.620081121 0.873564848
0.881695305 1 0.939301529 0.727442777 1.142394724 0.995724533
1.342676942 0.791564082
YFL032W YFL032W::YFL032W::molecular_function unknown 1 1.434291141
1.25730377 1.790507491 1.216298718 1 1.367995443 1.54839729
1.501118116 1.676948352 1 1.303567879 1.420297962 1.729081044
1.503655854 1 0.640041639 0.893922968 1.705795049 0.580381712 1
1.00971486 0.820064406 0.778329836 1 1.215131062 1.145752955
1.128700913 1.781676073 1.425675579 1 0.800987545 0.489068729
0.478255488 0.988820603 0.442748346 1 0.760448059 0.46225253
0.718087759 0.478584591 0.690984407 0.650588607
YDL176w YDL176w::YDL176W::molecular_function unknown 1 0.826955518
0.761192013 0.932421818 0.788835499 1 0.947375387 0.985650936
0.882430308 0.888890872 1 0.832970823 0.854838449 0.570786084
0.912330835 1 0.634529629 0.529331969 0.646298353 0.880458137 1
1.253389252 1.669859914 1.373377477 1.406793734 1 0.909327313
0.943995327 0.870657854 1.0418927 1 0.971298611 0.994204613
0.97815115 1.116064651 1.605298666 1 1.201209072 1.086169411
1.138234961 0.96507078 1.274865054 1.049873177
YFL034W YFL034W::YFL034W::molecular_function unknown 1 0.673131782
0.846176735 0.911613312 0.679529668 1 0.884585184 0.877862535
0.758200997 0.71896299 1 0.901101517 1.014434078 0.770193718
0.841747954 1 1.126484101 0.796829008 1.146946108 0.888406719 1
1.120330185 1.372079131 1.190827428 0.680238107 1 0.803987557
0.9823978 0.87064915 0.778331177 0.828504255 1 1.094412503
1.086677015 0.942285601 1.209453569 0.716026771 1 1.048944992
1.161237827 1.235515418 0.903475856 1.46256257 0.872121497
YDL178W "YDL178W::DLD2::D-lactate dehydrogenase, located in mitochondrial
matrix" 1 0.720461846 0.79420777 0.879551207 0.727856726 1
0.832655364 0.817456148 0.892512873 0.859486454 1 0.770886046
0.828871226 0.519554825 0.874173768 1 1.196829086 1.071954558
0.97984213 1 1.33774663 1.125139076 1.104388994 1.317462922 1
0.758083848 0.834447453 0.799890743 0.966041929 1.002363549 1
0.978917756 0.63620745 0.692851474 0.971531488 1.347058389 1
0.95035128 0.631379912 0.858647892 0.863762769 1.425568085 0.835345293
YDL180w YDL180w::YDL180W::molecular_function unknown 1 1.76052195
1.626201235 1.69182128 1.769156114 1 1.503442858 1
2.484710837 1.763786653
1 1.662807624 1.589503017 1.439423409 1.261838799
1.106338057 1 1.925793015 1.90472593 1.398192874 0.995127572
1.037282311 1 1.714451793 1.251429929 1.251770271 1.015720435
1.117020869 1.728481756
YPL247C YPL247C::YPL247C::molecular_function unknown 1 0.861411398
0.947121064 0.672502179 0.452516036 1 1.038257923 1.317309849
0.510807983 1 1.585796708 1.899034032 2.25238322 0.577450217 1
2.628985897 1.873001409 3.10203203 1.613538841 0.910230278
1.177618827 0.429417942 1 1.258757086 1.381341291 1.694065075
1.233598687 1.034025784 1 1.25609646 0.95766397 1.720691798

	1.073932584	0.737388909	1	1.239671489	0.822753699	1.117710116	
	0.407797751	1.249866185	0.966688872				
YPL249C	YPL249C::GYP5::GAP for Ypt protein	1		0.624276919	0.765100655		
	0.782045796	0.620282553	1	0.736016902	0.774417902	0.627770007	
	0.637518836	1	0.839456618	0.937321026	0.657656381	0.751594103	1
	1.305093825	1.043133272	1.197716988	1.301200166	1	1.205443567	
	1.631538989	2.588828211	1.26894755	1	0.917562864	1.359678535	
	1.336352003	0.95653776	0.912259794	1	1.243878273	1.289323644	
	1.736802238	1.587699509	0.89315707	1	1.474665043	1.403540432	
	1.399772001	0.770105722	1.30514709	0.80732532			
YPL251W	YPL251W::YPL251W::molecular_function unknown	1		1.025341776			
	0.928968104		0.437297312	1	0.848868913	0.518365312	
	0.562625946	1	1.299999615	0.71653253	0.795946409	0.484367392	1
	0.554494043	0.447862728	0.471690815	0.892579107	1	0.569367324	
	0.397247274	0.495255117	1	1.05933398	0.798035777	0.733336508	
	0.969718063	0.923467896	1	0.650122807	0.658613208	0.54065435	
	0.715514501	0.891088471	1	0.693752968	0.685458188	0.900486858	
	0.450118228	0.924380179	0.936042061				
YPL265W	YPL265W::DIP5::dicarboxylic amino acid permease	1		0.72422654			
	0.533031744	0.722331694	0.487004132	1	0.760414311	0.780191853	
	0.377119136	0.384770385	1	0.716949142	0.67591276	0.429431241	1
	0.846398126	1.274726479	1.537027527	0.623823142	1	0.695311783	
	0.693148368	1.01782083	0.826890076	1	0.821724509	1.148395789	
	1.929991859	1.607662004	0.877472429	1	0.512279143	1.12080721	
	1.309805388	0.746302121	0.554089225	1	0.8109451	1.165177563	
	2.003845171	0.804404128	0.937619752	0.745156034			
YPL267W	YPL267W::YPL267W::molecular_function unknown			0.607024492			
	0.906499132	0.784938517	1.140498848		0.945706904	1.111658202	
	1.289826077		0.555796347	0.561647746	0.850716031	1.492958202	1
	0.614329849		0.518659231	1.119063482	1	1.058273076	1.362676329
	1.309465707	1.799465619	1	0.891137516	0.957078427	0.922139267	
	0.705549899	1.074893565	1	1.120356642	1.253060068	1.875111537	
	1.670614561	1	0.94253836	1.448886422	0.592222587	1.545210403	
YPL269W	YPL269W::KAR9::cortical protein required for cytoplasmic microtubule orientation; localizes to the tip of shmoo projections and to the tip of budding cells in a cell-cycle dependent manner			0.914846205	0.952051877		
	1.247850999	0.927083669		1.027908044	1.407027362	1.079191636	
	1.123649002	0.962522498	0.726848027	1.125837327	1	0.801999317	
	0.667899225	0.588682933	1	0.842230324	1.002537601	1	
	1.139198699	0.972844871	1.160547492	1.027079539	1.432151875	1	
	0.886697884	0.796452379	1.016470896	1.081919659	0.843582374	1	
	1.035721542	0.724179459	1.065481105	0.615784013	1.128144286		
YPL271W	YPL271W::ATP15::nuclear gene for ATP synthase epsilon subunit					1	
	1.198188158	2.339965897		2.634093247	1	1.477697766	
	1.824569606	1.898542239	1	1.358362608	1.304701336	1.4999499	
	1.516432022	1	0.97159881		0.807388021	0.986191057	1
	1.981083054	3.314969978	3.088287073	1.658615796	1	1.147084552	
	1.095490394	0.639745024	0.741797262	1.007216555	1	1.084600667	
	1.486162311	1.165509938	1.127017116	2.23548003	1	0.829137191	
	1.133765073	0.814656748	1.465289649	1.563884656	1.162828628		
YPL273W	YPL273W::SAM4::AdoMet-homocysteine methyltransferase	1					
	1.552471254	1.425312479		1.187609906	1	1.402948706	1.03685297
	1.082115954	1.192616503	1	1.288349143	1.441605284	0.914090101	
	1.484867235	1					
	0.79774144	0.667290747	0.991129812		0.867882909	1	1.492444179
	1.461057084	1.692101344	1.327519894	1.348919328	1	0.900175602	
	0.824400393	0.663698129	0.69766481	0.482178932	3.159251427		

YOR191W YOR191W::RIS1::Role in silencing 1 1.761524351 1.671010045
1.711917546 1.86361847 1 1.690036283 1.414459084 1.424871351
1.277417351 1 1.73878749 1.799105102 1.956065919 1.827744309
0.832990802 1 0.485327033 1
1.068792839 1.032552752 1.064443557 1.193628359 1.221886407 1
1.02326802 0.618174502 1.041381713 1.016027944 0.53182931 1
0.835754871 0.762399171 0.923349375 0.68502914 0.796599408 0.971942653
YPL275W YPL275W::YPL275W::molecular_function unknown 1 0.861879667
0.509844625 1 0.92530847 0.678090049 1
0.762327007 0.700842011 0.642480276 0.820942307 1 0.64587402
1.384250498 0.828414083 1 1.046336756 1.7417881 1
1.014800136 1.367461543 1.088074751 1 0.875904864
1.073736409 1.26394437 2.032683698 1 0.786054315
2.356182127
YPR006C YPR006C::ICL2::2-methylisocitrate lyase 1 1.128849552
1.017364674 1.22731085 1 0.777000662 0.937916627 1.148360361
1.705237903 1 0.947241158 0.877258111 0.778594938 1.251339944 1
0.667021953 0.679665484 0.856424296 1 1.707283712 2.706219458
1.768418869 2.578594913 1 1.214586064 1.183244836 1.108542448
1.109596243 1 1.015633668 1.328143146 1.379746346 1.350142615
2.068280856 1 0.924214042 0.980574151 0.97829001 0.759117647
1.363235515 1.278411073
YOR193W YOR193W::YOR193W::molecular_function unknown 1 1.024028095
1.215902609 1.055598205 1.592911654 1 0.984818484 1.419629266
1.205302929 1 0.930425414 1.571619112 1.352107623 1
1.090518524 1.481469994 0.845223523 1.482626127 1 1.685325811
1.564647523 1.613726755 1.132088449 1 0.974621912 1.148516215
0.859935481 0.72793111 1.105244442 1 0.924315683 1.182605453
1.333590096 1.186925279 1.991041818 1 1.166101212 1.416585994
1.188633987 1.549884803 1.600499045 1.527963884
YOR195W YOR195W::SLK19::synthetic lethal KAR3 1 0.72741778
0.827360797 0.912349982 1.037657198 1 0.767822311 0.896078821
0.778650497 1 0.61956329 0.798314821 0.547340027 1.043823063
0.849743696 0.576262671 1
0.792147146 0.881142631 0.761551195 1.094063804 1 1.097228623
1.078091824 1.033693672 1.246441958 1.092936099 1 0.981752608
1.264220558 1.379197212 1.33587887 1.312333451 1.044619396
YOR197W YOR197W::MCA1::metacaspase 1 0.926285166 0.85274151
0.928120525 0.707386428 1 1.007084257 0.982733242 0.782597184
0.764306169 1 1.049195366 1.020283374 0.770872331 0.852815772 1
0.95001594 0.869434195 0.743181822 0.714842048 1 0.674722252
0.493531638 0.390978236 0.792592826 1 1.002715187 1.070089535
1.257858977 0.998725231 0.925868643 1 1.080496909 0.859769628
1.109491143 1.058572784 0.73115186 1 0.949060464 0.917795117
1.033830267 0.931120834 0.775112713 0.888758347
YOR199W YOR199W::YOR199W::molecular_function unknown 1 1.149312776
1.279080564 1.069334112 1.362586558 1 1.145545356
1.41056438 1 1.194453752 1.123338149 1.181540852 1.012298996 1
1.091280977 1.110598578 1.155461962 1 1.42150077 2.256154722
1.229267636 0.660559459 1 0.956746463 0.988660007 0.823828379
1.028498941 1.098185448 1 0.946901035 1.036757219 0.934358069
0.777537904 1.545476175 1 1.000976544 1.204596879 1.14109832
1.708787434 1.215316233 1.077017537
YFL036W YFL036W::RPO41::mitochondrial RNA polymerase 1 0.865488946
0.940910215 1.381720647 0.815889067 1 1.173582125 1.302926723
1.154345636 0.863122746 1 0.863732028 1.048112672 1.180041504
0.998295045 1 1.652823048 2.140238043 2.2634682 1.30170336 1

	0.671684249	0.718858243	0.450715747	0.516682382	1	1.144927229
	1.165830994	1.760979754	1.091350818	1.507395142	1	0.722174586
	0.725456038	0.604188178	1	0.945752871	0.774402023	0.594110169
	0.937383621	0.620226544	0.522747531			
YOR201C	YOR201C::PET56::Ribose methyltransferase for mitochondrial 21S rRNA					
1	0.907516549	1.000865927	1.035183054	1.062765385	1	1.049555017
	1.037443099	1.085222807	1	1.007811113	0.813390528	0.844949417
	0.888752013	1	0.843705867	0.770391863	0.681701432	1.176897737
	1.044319775	1.159880064	0.748596409	0.899681594	1	0.774670524
	0.857292855	0.855115159	0.825506768	0.89770995	1	0.938978522
	0.87640416	0.862741573	0.736682377	0.93284307	1	0.846317103
	0.686987499	0.894755971	0.702489438	1.133014142		
YFL050C	YFL050C::ALR2::aluminium resistance					
	0.962148965	0.722131293	1	1.245273585	1.285658567	
	0.992687088	1	1.225459011	0.68912516	1.186729912	1
	1.097768873	0.910312357	1.009860708	1	0.866795316	
	0.814107907	0.665016623	1	0.793300611	0.74845624	0.932578434
	0.879017081	1.046327476	1	0.688710271	0.663951842	0.723246581
	0.902270952	1	0.938520744	0.960990768	1.100159958	0.855924596
	0.983535354	0.693494204				
YDL194W	YDL194W::SNF3::glucose sensor					
1	1.641159641	1.175755439	1	1.521733784	1.6551008	1.352621548
	1.313323743	1	1.793139163	1.490425336	1.390408577	1.600974102
		0.737948577		0.459845977		0.482687502
	1.166099209	1.233178251	1.328943126	1.528344312	1.22072804	1
	0.962942427	0.72152144	0.987129409	0.898998983	0.612055947	1
	1.106976395	0.699917739	1.016848523	0.680645544	0.987077905	0.645334878
YOR215C	YOR215C::YOR215C::molecular_function unknown					
1	1.200633318	1.101129639	1.631603049	1	0.88112918	1.090308284
	1.424885638	1	0.754107313	1.525675555	2.154460723	1.328673143
	2.022003431	2.487969075		2.808063131	1	2.47450293
	4.454199774	3.069824142	1	1.060338702	1.49010835	1.019892427
	0.82566305	1.154540961	1	1.027532658	1.488052888	1.637854087
	1.592838735	2.187134792	1	1.242507934	1.77643964	1.511774635
	1.972423675	2.239439612	1.553357019			
YFL052W	YFL052W::YFL052W::molecular_function unknown					
1	1.296810802	0.92321346	1	1.275357866	1.298783415	
	1.109133595	1	1.135712259	1.100967417	1.340416674	1.000677831
	0.655668738	0.443495856	1.12941658	0.900784935	1	0.732401021
	3.36936702	0.499454748	1		0.989139705	1.127624852
	0.954882057	1		1.634297509	2.343218934	1
	0.901163035	0.636430939	1.321431257	0.491490923		0.656718
YDL196w	YDL196w::YDL196W::molecular_function unknown					
1	1.090192377	1.007359144		0.926206903	1.001724385	1.197781899
	1.007328167		0.948832385	1.104256579	0.843704655	1.088635757
	0.70362128	0.445425089		1	1.600304498	0.914596693
				0.987491852		
	1			1.571971621	0.711006668	
YOR217W	YOR217W::RFC1::RFC is a DNA binding protein and ATPase that acts as a processivity factor for DNA polymerases delta and epsilon and loads proliferating cell nuclear antigen (PCNA) on DNA					
1	0.937800019	0.964143185	1.132871721	1	1.041789802	0.842526505
	0.869451093	1	0.922137654	0.768935064	0.647152712	0.938633833
	0.685216311	0.34782137	0.515719939	0.641465953	1	0.749945268
	0.859993051	0.680856949	0.729737061		0.963224263	0.915798999
	0.892117874	1.046149841	1.005672471	1	1.01653057	1.038657994

	1.058132285	0.97793987	0.712231828	1	1.017029356	0.844807586	
	0.876581405	0.921807335	0.702359696				
YFL054C	YFL054C::YFL054C::molecular_function unknown					1	
	1.060654928	1.301461988	0.807080398	1	1.204313177	1.413032145	
	1.114350171	0.99703281	1	1.392024536	1.479327812	1.530014993	
	1.139490702	1	2.787112337	2.014396082	2.922704821	2.585808201	
	2.02222264	1.518559266	2.235287702	1.339899344	1	1.034443705	
	1.279191462	1.567364858	1.122171108	1.059678319	1	1.000972826	
	0.869544777	1.484942774	1.329683593	1.122796157	1	1.10069292	
	0.85857166	1.090626756	0.921346901				
YDL198C	YDL198C::YHM1::high copy suppressor of abf2 lacking the HMG1-like mitochondrial HM protein; putative mitochondrial carrier protein 1						
	1.829223981	0.857291971	0.734349772	1	1.025118297	0.981423772	
	0.942203087	0.76505354	1	2.781336925	2.30700738	0.766002526	
	0.406813258	1	1.408596649	0.873634523	0.494834441	0.59879724	
	1.774677172	1.395433158	0.815664058	0.5711489	1	1.138978156	
	0.98093125	0.982630635	1.002706653	0.768534846	1	0.980452769	
	1.168285158	0.79931255	0.517701097	1.026041378	1	1.759366883	
	1.651894815	1.22371647	1.328297728	1.282996531	1.295923537		
YOR219C	YOR219C::STE13::dipeptidyl aminopeptidase 1					0.774636378	
	0.859963368	1.078838646	0.949956809	1	1.03230682	1.181001398	
	0.801895348	0.748735242	1	1.107803525	1.115874538	0.713680436	
	0.974288468	1.316032456	0.830425515	1.290011295	0.860937156	1	
	1.170326376	1.229379971	1.173332329	0.94756315	1	1.038163126	
	1.141166431	1.075051696	0.962229478	0.939852145	1	1.152459455	
	0.970564483	1.347299097	1.164349521	0.594524373	1	1.102730033	
	1.032441348	1.076237103	0.745726139	1.046076107	0.998211347		
YFL056C	YFL056C::AAD6::high degree of similarity with the AAD of P. chrysosporium						
	1	0.990286953	0.839281533	0.953903902	0.669411306	1	
	0.979008402	0.999035642	0.987983297	1.047614319	1	3.599887283	
	4.542752686	1.788363946	1.015825821	1	3.414319473	3.589919459	
	4.770577481	2.750350448	1	3.366475027	5.364319968	3.891355679	
	1.729043329	1	2.3276664	4.728003878	8.191272671	1.691897102	
	1.045497113	1	4.151655735	7.682189482	12.4126079	13.75997574	
	2.561692183	1	5.105394935	5.890697435	6.097716353	0.716651484	
	1.151434954	1.217993012					
YDL200C	YDL200C::MGT1::6-O-methylguanine-DNA methylase 1					1.134887505	
	1.616897598	1.391489598	1.552483185	1	1.132846263	1.300424193	
	1.955277687	1	1.169235176	1.549346553	2.442462652	1.907983237	
	0.950506483	0.968681565	1	1.529979684	2.397758067		
	1.840944421	1.355969724	1	0.768808777	0.918968259	0.805880738	
	0.717735504	0.930590357	1	1.031625004	1.403712815	1.551809843	
	1.936799268	2.009229071	1	0.809241299	0.973092181	1.077280255	
	1.283635587						
YOR221C	YOR221C::MCT1::malonyl-CoA:ACP transferase					1	0.923337998
	0.799945431	0.887703595	0.770451681	1	0.920458293	0.939309444	
	0.884976842	0.792282849	1	0.842716341	0.845205082	0.693782479	
	0.894654617	1	0.962504152	0.495495063	0.727324391	1.043055997	
	1.207910269	1.006410476	0.982248589	0.921159422			
	1	1.266655832	1.703586605	1.550922357	1.237509368	1.264865733	
	1.124833733			-12.258736			
YOR221C	YOR221C::MCT1::malonyl-CoA:ACP transferase					1	1.703352808
	1.369940767	1.495814373	2.209110013	1	1.634733926	1.593884288	
	1.66009309	1	1.607848888	2.11039645	2.040726608		
				1	1.151307182	1.176192181	
	1.737471496	1.569687528	1.42522167	1	0.925531051	1.174126599	

1.013160464 0.906349645 0.677195301 1 0.999217382 1.15041716
 1.053169952 1.052505198 1.081614056 0.893136463
 YFL058W YFL058W::THI5::proposed biosynthetic enzyme involved in pyrimidine
 biosynthesis pathway above the hydroxymethyl-pyrimidine precursor leading to the
 thiaminemoiety 1 1.223046629 1 0.887853937
 1.008430801 1.415466256 1 0.934557849 1.054683991 1.688068155
 1.468823624 1 0.571865534 0.591092365 0.904629625 1.775840877 1
 1.704277965 7.437291627 7.247806543 3.477734886 1 0.700802396
 0.852462063 1.263605927 1 2.392868282
 2.976974947 1 1.020259852 1.019308861 1.757717917 0.978458333
 0.918529598
 YDL202w YDL202w::MRPL11::Mitochondrial ribosomal protein MRPL11 (YmL11)
 0.784154168

1

0.895126237 0.731736126 0.770833234 0.718204612 0.875588325 1
 1.021217321 1.024397099 0.814993245 0.885900271 1.238411114 1
 0.930254573 0.83172764 0.863586883 1.216818215 0.924658939
 YFL060C "YFL060C::SNO3::SNZ3 proximal ORF, stationary phase induced gene
 family" 1 0.899066808 0.901979018 0.92575953 1.044899044 1
 0.932363982 1.062788258 1.271469638 1.223593643 1 1.269989925
 3.091424953 7.78199908 4.58788384 1 1.011743475 0.871998498
 1.228842489 1.997584389 1 1.658861234 2.077689639 1.586175243
 1.53831176 1 0.86079761 0.686306863 0.884417415 0.918691144
 1.019288406 1 1.462219179 1
 0.959625593 0.24128922 2.53989136 1.692581164
 YDL204w YDL204w::YDL204W::molecular_function unknown 1 0.810841643
 1.827829853 2.641831646 1.966396222 1 1.448862248 2.776613275
 2.567585978 2.646680461 1 1.419998381 3.355376614 9.711622347
 2.417029906 1 13.3590968 30.23514482 7.352142925 1
 2.99459676 5.064727721 11.99531577 3.525712975 1 1.320672101
 2.710563457 2.537133351 1.026571897 0.965403302 1 1.070144718
 1.725389837 4.513838622 1.93910996 1.441437095 1 1.953177464
 2.070022401 1.739191399 1.300132813 3.371809255 1.157574951
 YFR006W YFR006W::YFR006W::molecular_function unknown 1 0.936929418
 1.06213401 1.101342134 1.120779306 1 1.050336971 1.076454878
 1.140299633 1.160485771 1 0.76748104 0.948913325 0.888049446
 0.871520369 1 1.385495632 0.821289375 1.12313084 0.913027102 1
 0.975374796 0.930082175 0.880426045 0.470047082 1 0.96078273
 0.917310459 1.082262809 1.041334038 0.959980571 1 1.136222785
 1.053320899 0.943101498 1.032928911 0.899129553 1 1.170860085
 1.124151441 1.029435757 1.081637307 1.300463622 1.03761439
 YDL218w YDL218w::YDL218W::molecular_function unknown 1 1.05230695
 0.91414075 0.806508021 1 0.907784811 1.299931878 1
 1.068582682 1.026854527 1.041901357 0.680720489 1 0.762475052
 1.862452028 1.497112645 1 0.709302343 3.544047442 2.228045161
 1.039127458 1 0.991090442 0.935778082 1.20934101 1.088181393
 0.980277736 1 0.823087249 1.067557505 1.42599001 1.150088025
 1.007668729 1 0.609655972 0.73195043 0.917837799 0.364427266
 0.851133217 0.749534149
 YFR008W YFR008W::YFR008W::molecular_function unknown 1
 1.016984753 0.970905507 0.930039097 1 1.009888389 0.934961433
 0.983088539 1.075867702 1 1.083523064 1.150554593 1.228946935
 0.980281254 1 1.116038938 1.065803342 1.10969006 1.387608039 1
 1.1391785 1.862028705 1.821365354 0.930618545 1 0.974774278
 0.947738861 0.796559993 0.606260469 1.321311696 1 1.301491876
 1.210903193 0.974326636 1.021731792 1.152919961 0.653358686
 0.634847225 0.565726851 0.999964678 1.198729219

YDL220C "YDL220C::CDC13::Regulator of telomere replication. Required for G2/M transition in mitosis, synaptonemal complexes, recombination, meiosis I, meiosis II, and spores. Dispensable for premeiotic DNA synthesis."

1.063831996 0.925859061 1.111437144 0.921209814 0.989164742
0.932526293 0.934225614 1.035637921 0.982619114 1.013146703
1.161080944 1 0.879161072 1.66132262 1.35596726 0.760375826 1
0.677844281 0.59373794 0.308329164 0.463591773 1 1.206967639
1.199682715 1.285688099 1.468587357 1.618430905 1 0.765588151
0.949834422 0.934164885 0.649064481 1 0.698111067 0.541876987
0.69438373 0.507724425 0.500988617 0.575284973

YFR010W YFR010W::UBP6::deubiquitinating enzyme (putative) 1
0.843017359 1.051698022 1.14387982 1.139839114 1 0.987982393
1.130219335 1.180106274 1.061627946 1 0.934632731 1.367311336
1.262908331 0.988855011 1 1.459169374 1.742265639 1.78727199
1.417308903 1 1.139131396 1.071114184 1.392152956 0.950654617 1
0.939262639 1.186222152 0.992438525 0.72384712 0.803675621 1
1.306568955 1.960098154 1.217330654 1.00514064 1.069750919 1
1.769264261 1.912880568 1.072152729 0.987256961 1.40183429 1.188221762

YDL222c YDL222c::YDL222C::molecular_function unknown 1 0.992613103
1.116983121 1.09124449 0.978135474 1 1.104698928 1.218192745
1.291483788 1.451362106 1 0.860011709 1.386263999 3.585499386
1.298626857 1 0.685929639 0.720825326 1.054465978 0.825784192 1
1.091939421 1.417301582 1.254659563 1 1.130317999 0.926415322
1.116991738 1.136677961 1.028141079 1 0.67634459 0.887778765
0.690074788 0.706515119 0.860664177 1 0.655930393 0.96183147
0.755798736 0.535792017 0.914151482

YDL224c YDL224c::WHI4::whi (Wee) mutants give small cell size 1
0.700136263 0.534304131 0.535614906 0.368698755 1 0.661027343
0.706216543 0.360724581 0.385512818 1 0.916438604 0.683715622
0.460240194 0.493536292 1 0.574791701 0.589928513 0.904046394
0.534251208 1 0.689532735 0.637055326 0.658090903 1
0.698507193 0.679856545 0.88282322 0.885603792 0.808616243 1
0.69537529 0.527026179 0.571613835 0.608995567 0.35489281 1
0.530822225 0.71362552 0.72465956 0.529566518 0.609611175 0.743404756

YPR008W YPR008W::HAA1::Homolog of Ace1 Activator 1 0.749876358
0.867657101 0.897146483 1 0.992478568 0.961196674 0.728104756
0.841618236 1 1.041103544 0.945713608 0.449989148 0.805749478 1
0.715746626 0.834036928 0.608971898 1 1.180722719
1.210431608 1 0.959673699 1.173994951 0.911407793 1.021690017
0.889498853 1 1.014915791 0.8005237 1.125166309 0.954781858
0.850442665 1 1.156312947 0.923088909 1.118935857 0.688871774
1.257790462 0.706628552

YPR010C YPR010C::RPA135::135 kDa subunit of RNA polymerase I 1
0.829479154 0.630459498 0.859536329 0.948439978 1 0.912535598
0.728040185 0.838466869 0.963822106 1 0.874518151 0.690503761
0.923626523 1.099461977 1 0.973883835 2.091547757 1.72900658
1.211205745 1 1.219194292 2.898616972 2.384640266 1.485728336 1
0.866283376 0.878879996 0.94261903 0.913705721 1 0.739612811
0.57750458 0.517505459 0.744730849 0.770624732 1 0.679723764
0.532701915 0.649167269 0.516859299 0.55492633 1.105037457

YPR012W YPR012W::YPR012W::molecular_function unknown 1 1.298842452
1.460200977 1.368429302 1 0.894952573 1.077312056 1.449314317
1.392315622 1 1.135517813 1.189949522 1.832321538 1.437134508 1
0.932900429 0.861192659 1.383205236 1.625762626 0.254952569
0.71230553 0.54155927 0.215252531 1 0.818492997 0.74784987
0.62996589 0.774699892 0.748418696 1 0.808760727

0.927181263 1.394334218 1 0.768759198 0.880765687 1.288871553
 0.25709929 1.314937825 1.397495866
 YPR014C YPR014C::YPR014C::molecular_function unknown 0.817574537
 0.895110963 0.843871267 0.814819917 1.002822752 1.067933872
 1.133708817 1.141733536 1.257625524 1.257021914
 0.413237909 0.377689834 0.492764953 0.514361844 1 1.052835796
 1.71824284 1.60801218 0.719170361 1 1.091037405 1.208582199
 1.073431768 1.089254353 1.132310885 1 0.770765469 0.777923776
 0.943759367 1.043479009 1 0.987603759 0.945929921 -0.114959347
 1.309633445
 YPR030W YPR030W::CSR2::chs5 spa2 rescue; overexpression rescues the
 lethality of chs5 spa2 at 37 degrees 1.026893347 0.791478502
 0.818418109 0.989642207 1.079040617
 0.920213795 1.249189986 1.01565527 0.733034357
 1 0.943355515 1.11641532 1.070838257
 1.122813789 1.038426155 0.867263982 0.8847779 0.878781059
 0.842422608 0.957003 1 0.98746713 1.042021635 1.055541717
 0.303478136 1.170371048 1.633914433
 YPR032W YPR032W::SRO7::Suppressor of rho3 1 0.715607486 0.772176728
 1.005596694 0.474907341 1 0.961007278 0.650826884 1
 0.985533403 0.93875578 0.585287946 1.095547279 1 0.575544216
 0.673082464 0.601672344 0.579755161 0.377958021 0.530655388
 0.614230707 1 0.977083358 0.988978588 1.173301801 0.946245005 1
 0.971976083 0.54276148 0.809770588 0.996223433 0.460768269 1
 0.739813864 0.564121255 0.941015691 0.378336685 0.721844263 0.673354851
 YPR034W YPR034W::ARP7::involved in transcriptional regulation 1
 0.779832153 0.923482914 0.974426383 0.519092597 1 0.884705927
 0.87002083 0.833751345 0.687402307 1 0.73793357 0.963308852
 0.616756644 1.019781443 1 0.625796553 0.506790431 0.443206205
 0.681414663 1.137391157 0.634030142 1.215176651 1.030603047 1
 0.780497567 0.774070178 1.102063843 1.008763962 1.014843318 1
 0.879402539 0.937942761 1.069370166 1.071022167 0.740380202 1
 0.707378554 0.615495802 1.134195408 0.547516088 0.749407487 0.724141067
 YPR036W YPR036W::VMA13::vacuolar ATPase V1 domain subunit H (54 kDa) 1
 1.063826229 0.787663249 1.208225044 0.902434961 1 1.162750172
 1.115880901 0.964496772 1.126707525 1 1.064899516 1.108148293
 0.930136712 1.058967421 1 1.289730184 1.321104289 1.140795682
 1.003829224 1 1.033540899 0.608431293 0.912182802 1.272508728 1
 0.926118901 1.028358759 1.241215929 1.047113434 1 1.140728653
 1.189281667 1.656923474 1.328110568 0.788562954 1 1.041182257
 1.056264191 1.096526483 0.59747489 0.929014183 0.973693878
 YPR038W YPR038W::YPR038W::molecular_function unknown 1 1.115878423
 1.107234259 0.905287422 1.061421852 1 0.938866244 0.834919028
 1.052447607 1.176919363 1 1.103994832 1.06827128 1.465298578
 1.1825865 1 0.511318648 0.647259273 0.728356913 1.015676986 1
 0.875240048 1.268856518 1.134339143 0.764153687 1
 1.436596149 1.313855785 1.400539333 1 1.07753175 1.349857355
 1.272634713 1.771283514 1.341589273 1 0.929027221 1.059622516
 1.255959159 0.51552267 1.088807939 1.154072396
 YOR223W YOR223W::YOR223W::molecular_function unknown 1 1.516458746
 1.560097911 1.412805686 1.651005481 1 1.507241175 1.393676894
 1.480297191 1.918199319 1 1.79273832 3.553555922 5.763061907
 3.526036331 1 1.253736254 1.254341712 1.450693259 1.558803896 1
 1.171305393 0.990139506 1 1.186557356 1.304254556
 1.068419991 1.009762101 1 0.872307361 0.821450463 1.015116162
 0.971522676 0.765894345 1 1.133554415 1.008043502 0.967795224
 0.834219878 1.06189595 0.924658939

YPR040W YPR040W::SDF1::SDF1 the first observed null phenotype was
Sporulation DeFiciency 1 0.824127273 0.746875807 0.833230684 0.676701691 1
0.861397282 0.828687727 0.79636713 0.82617373 1 0.91671805
0.935318354 0.899370196 0.933372297 1.233198744 0.954681788
1.269569024 1.452315736 1 1.057250852 0.866144169 1.175077356
1.204521221 0.974704673 0.838665084 0.941562074 1
0.994138748 1.178242782 1.10156411 0.975823491 1
1.053455658 1.013562945 0.163554958 0.803143189 1.105037457
YOR225W YOR225W::YOR225W::molecular_function unknown 1 1.562796024
2.080544449 1.158086198 2.522741811 1 1.230691872 1.243230454
2.122163776 1.9504556 1 5.319383592 4.175680677 2.536187545
2.041364726 1 7.818564874 3.52899421 2.057487007 3.327786939 1
10.13294075 12.83426401 4.162310192 1.324950772 1 5.010231596
6.506905044 3.864761917 0.729302551 0.947729844 1 4.545550069
7.863862066 4.724828398 3.097921572 2.635410094 1 4.887008229
8.26993875 1.562739201 2.086599306 1.546476095 3.030534634
YOR239W YOR239W::ABP140::actin filament binding protein 1
0.624004349 1.070263254 0.706122234 1.41702868 1 0.720989194
0.687852673 0.936823335 1.012082381 1 0.811140365 0.778513227
0.92989507 0.895119541 1 0.705982942 0.349416705 0.334892853
0.356630544 1 0.788578839 0.770378696 1.035577743 0.506956818 1
1.073304578 1.218630374 0.950166107 0.930715541 0.899895027 1
1.547783191 1.4437615 1.319797517 2.408517891 1.335869136 1
0.546829942 0.873892528 1.044369079 0.979786251 0.665579544 0.806449707
YOR241W YOR241W::MET7::METThionine requiring 1 0.775070217 0.791872343
0.945303575 1 0.863072973 0.891047896 0.841780991 0.803701579 1
0.758920915 0.71078676 0.557293659 0.907647887 1.235060152
0.832886003 1.141536255 1.091987447 1 0.655383406 0.768809015
0.650466389 0.743238054 1 0.89244354 0.835424057 0.891023776
1.128768517 1.0134468 1 0.945048582 0.701530762 0.519148847
0.841155804 0.640181301 1 0.722918337 0.718200227 0.832508614
0.991086704 0.716825182 0.922907714
YOR243C YOR243C::PUS7::Pseudouridine Synthase 1 1.142504256
1.081038971 1.041294193 1.16492827 1 1.034915195 1.029065459
1.150459201 0.972703417 1 0.938351243 0.806573133 0.849044344 1
0.857883802 0.550992602 0.410069932 0.507070581 1 1.179692734
0.786478508 1 0.884689529 0.760715934 0.820485348
0.997749323 1.085493299 1 1.040649269 0.624722883 0.539928301
0.86700937 0.867031806 1 0.716887854 0.639767427 0.810890143
0.998792558 0.501809961 0.816081552
YFR012W YFR012W::YFR012W::molecular_function unknown
1.072020844 1.044084224
1.224715285 1 0.745407078 1 0.744420886
0.265891651 0.772633681 1.110348251 1.15473999 1
0.625242469 1.090142089 0.60855402 1 0.778591144
1.043427684 0.550228126 1.07783301 0.610309951
YOR245C YOR245C::DGA1::Diacylglycerol Acyltransferase 1 1.025144475
0.985839842 1.018072561 1.00211771 1 1.013196853 0.961387454
1.081936929 0.989266328 1 1.020514404 1.174178172 1.252328117
1.342802444 1 1.823058209 1.662576109 1.98467161 1
1.318804461 1.311234556 1.672111354 1.054799156 1 0.923059341
1.059237966 1.190294395 0.960859631 1.001439436 1 1.052404572
1.075050638 0.841568599 1.084926439 0.98126749 1 1.066276868
1.073375187 1.036205628 1.270947225 0.957663614 1.14881872
YFR014C YFR014C::CMK1::Calmodulin-dependent protein kinase 1
0.826770143 1.213795111 1.070153723 1.080455715 1 0.999604028
1.1706969 1.248061001 0.950316836 1 0.908741241 1.188373796

1.475372483 0.871233534 1 1.593752145 0.692083495 1.66724392
1.613614396 1 1.714689682 2.897118248 2.150165156 1.303466841 1
1.199128919 1.606027216 1.606549381 1.069879692 1.090669051 1
1.267821114 1.203866925 1.345024476 1.076562854 1.251098752 1
1.53953291 1.25784732 1.170665442 1.157700794 1.852129846 1.119047469
YDL226C YDL226C::GCS1::Zn-finger-containing protein that functions as ADP-
ribosylation factor GTPase-activating protein and is involved in regulating
vesicle transport 1 0.73375325 0.70296517 0.641007834 0.495343887 1
0.774772147 0.757603055 0.631739078 1 0.770730973 0.800730631
0.732669524 0.635978764 1 1.086240397 0.837814067 1.175329418 1
1.571413962 1.188576011 1.295426964 1.200877215 1 0.965910541
0.985056098 0.944795132 0.878598376 0.94929088 1 0.893766716
1.131810083 1.057398029 0.826672917 0.824807414 1 0.998348837
1.047439076 0.905239071 0.725462715 0.772662409 0.940420177
YOR247W YOR247W::SRL1::Suppressor of Rad53 null Lethality 1
1.408191735 1.030431643 0.713341543 0.651970373 1 1.245269078
1.02118984 0.502022784 0.645862972 1 1.05805691 0.803164419
0.830968543 0.52935591 1 1.734056631 1.367393021 1.499335549
1.126702986 1 0.351575478 0.436697471 0.229221103 0.341502808 1
1.11705878 0.768627625 0.843724066 1.151267379 0.518340678 1
0.447077174 0.542755584 0.390654193 0.365177654 0.328944543 1
0.824243266 0.833321193 0.926827774 0.979938041 0.903787784 0.778429735
YFR016C YFR016C::YFR016C::molecular_function unknown 1 1.018998352
1.389448021 1.297819745 1.523043047 1 1.213010323 1.286224782
1 1.069369185 1.466478461 1.353703186 1 0.865845945
0.951317725 0.622571658 0.678709366 1.208794706 1
0.938042482 1.094777921 1.263428468 0.993862273 0.887606446 1
1.095010019 1.327416466 1.321962877 2.261967224 1.350137291 1
1.022698792 1.455650871 1.669420131 1.220279162 1.254531133 0.853733421
YDL228c YDL228c::YDL228C::molecular_function unknown 1 1.426775114
1.049178593 0.681733837 1.217663302 1 0.984921244 0.762181499
0.878136114 1.406527122 1 1.127993471 0.672502985 0.530419857
0.840922085 1 0.78252205 0.837469616 0.2370506 0.576014007 1
0.843188872 0.715797062 0.302958742 0.290324436 1 1.682764663
0.998833943 1.414225534 1.296159691 1.030888111 1 1.394651378
1.676222569 1.222205956 0.505814766 1.834921287 1 0.972955534
1.549911203 0.745738432 1.321198538 0.845270444 0.789812857
YOR249C YOR249C::APC5::subunit of the Anaphase Promoting Complex; all known
APC subunits co-immunoprecipitate with epitope-tagged Apc5 1 0.812898188
0.95801762 0.99912655 0.950371022 1 0.878394116 0.925369227
0.840644131 1 0.909097232 0.844116923 0.765667052 1.021933893 1
0.893891766 0.808240983 0.821520681 1.195228569 1 1.163252116
1.909420581 1.445157089 1 0.925805146 0.823171455 0.914866262
1.020503314 1.19150769 1 1.035675916 0.751204275 0.757654756
1.053264499 0.664356553 1 0.912401263 0.680718978 0.934690247
0.929289502 0.765637615 0.854609034
YFR030W YFR030W::MET10::subunit of assimilatory sulfite reductase 1
1.280409122 1.02590641 1.137388143 0.467102217 1 1.025121427
1.264379668 0.579836948 0.560356302 1 1.734577297 1.747788143
0.53276624 0.517978209 1 1.21641767 0.481563075 0.707578629
0.464624437 1 1.108956446 0.472359964 0.498525424 1
0.942711293 0.80687024 0.832850683 1.285985445 0.827539544 1
1.432918701 0.522625275 0.490758847 0.551614593 0.531898791 1
1.429515082 0.780709254 0.63998374 0.59918552 0.686489198
YDL242w YDL242w::YDL242W::molecular_function unknown 1.05398168
0.769840967 1.281395347 0.881072077 0.949210727 1.083004654
0.872274299 1.399738768 1.10002564 0.934852814 1.032833344 1

1.404800783 1.771812494 0.930267295 1 1.050596976
0.449577904 1 1.099997878 0.930239751 1.119333972 1.309208406
1.252860423 1 0.551337511 0.904174965 0.843343288 0.586931791 1
1.318741729 0.771449568 0.963980226 0.166712834 1.247687784 0.79331536
YOR263C YOR263C::YOR263C::molecular_function unknown 1 0.71554498
0.790431715 1.171141641 0.801393733 1 1.071977658 0.928596634
0.882709748 1 0.826331403 1.019016444 0.647509723 1.116114789 1
0.420153246 0.42317481 0.627381448 0.836012319 1 0.932671044
1.203677996 0.85946597 1 0.759453002 0.836728819 1.200420439
0.95321784 1.204692161 1 0.737777744 0.781337194 0.721414683
0.790989143 1 0.888697252 0.633873518 0.9886099 0.866863551
0.937035839 0.885255897
YFR031C YFR031C::SMC2::Chromosome segregation and condensation 1
1.556589037 1.593479315 1.759213872 1.661295504 1 1.476138442
1.546213439 1 1.30249624 1.498929767 1.676932163 1.46541049 1
2.503758464 2.47176647 1.934969252 1 1.230494864
1 0.871843816 0.985942194 0.977708744 0.970322227 1.029094047 1
0.862744494 0.929576184 1.239496647 1.031028413 0.618241256 1
1.01571193 1.062709773 1.292940299 1.021243209 0.856360259
YDL244w YDL244w::THI13::Product of gene unknown 1
1.303682315 1 1.234899169 1.231245602 1
1.314910618 1.52993903 0.994871565 1 1.80091455
0.415285187 1 1.222114807 0.874080819 0.993320875
1.081225665 0.825763014 1 0.762761106 1.03058035 1.180688109
1.396510614 1 0.530500481 0.727444361 0.504006899 0.78380474
0.639522577
YOR265W YOR265W::RBL2::binds to beta-tubulin and may participate in
microtubule morphogenesis 1 0.887497558 1.867426895 1.020865965
2.313877233 1 1.014489256 1.134771723 1.725023664 1.724752537 1
1.153243088 1.405657116 1.95481232 1.287800403 1 0.820572206
0.566816532 0.583941141 1.572489352 1 1.816124521 2.382656284
2.617359278 1.222555842 1 0.728126805 0.928603116 0.464371789
0.573740253 0.917535583 1 1.564907557 2.179243105 1.610311998
2.200790663 2.474268528 1 1.176897171 1.440952899 1.305419449
2.237566994 1.600929959 1.501695189
YFR033C YFR033C::QCR6::ubiquinol-cytochrome c oxidoreductase subunit 6 (17
kDa) 1 0.946558498 1.593420504 1.048450523 1.364553391 1 1.122379435
1.301641593 1.48734624 1.540821577 1 0.790536645 1.091670409
1.896153127 1.03255052 1 1.417172801 0.90820742 1.310030987
1.374894408 1 1.592844683 1.083628572 1.754932318 1.670610808 1
0.613414897 0.50351817 0.376644489 0.511222232 0.802613503 1
0.57623129 0.476840044 0.261547012 0.605252355 1.885469647 1
0.720922098 0.581175297 0.881664893 1.838174349 2.584200236 1.170709299
YDL246c YDL246c::YDL246C::molecular_function unknown 1 2.501222258
2.330371254 2.702313493 2.156619856 1 2.220316642 2.095257347
2.640171796 1 1.467288687 2.86013551 1
2.349815736 0.345757588
0.779481295 0.893709385 0.760775499 0.820996157 1
1 0.940838221 1.113552724 0.738011394 0.937457232
YFR035C YFR035C::YFR035C::molecular_function unknown 1 1.150001838
1.287001172 0.783247479 1.593565754 1 0.914332618 0.961387489
1.467332761 1.560607265 1 0.987698425 1.11067098 1.415729555
1.486487584 1 0.900231432 0.473074447 0.628536773 1.128884137 1
1.693377409 2.245017909 1.635656836 1.35170275 1.176640112
1.174431697 0.931520563 0.986037396 1.003758752 1 0.842051519
1.039457546 1.104404453 1.989108445 2.068727412 1 0.793014007
0.945935545 1.166743034 1.081783824 1.351693435 1.252142274

YDL248w "YDL248w::COS7::Protein with strong similarity to other
subtelomerically-encoded proteins such as Cos5p, Ybr302p, Cos3p, Cos1p, Cos4p,
Cos8p, Cos6p, Cos9p" 1 1.274148576 0.968248762 1.140807568 1.227703836 1
1.126909298 1.121871769 1.146317656 1 1.310992096 1.095719805
1.588358665 1.034972137 1 1.498048863 1.35467508 1.348820432 1
1.549179689 1.468980554 2.060792032 1.593189877 1 1.245965482
1.165508745 1.110140871 1.371646824 1 1.023169171 0.916330351
1.701986456 0.745865947 0.99250884 1 0.779433024 0.917275676
0.733912683 0.875177586 0.825939027 1.137435598
YFR037C "YFR037C::RSC8::Rsc8 is the eighth largest subunit of RSC, a
fifteen-protein chromatin remodeling complex and related to the Swi/snf
Complex." 1 0.702792702 0.872983031 0.918360529 0.743138121 1
0.882907003 0.9075953 1.054162159 1.019698032 1 0.71515518
0.803793442 0.828893753 0.903154585 1 0.820071419 0.720841595
0.944163054 0.992254825 1 1.564751144 1.874341128 1.685632427
1.582693991 1 0.945049382 0.898097271 0.55830914 0.826998149
0.952739307 1 0.767911312 0.893690412 1.064787212 0.847122491
0.94324603 1 0.910882085 0.87702093 1.064568698 0.977960092
1.018284447 0.954430189
YDR002W YDR002W::YRB1::Yeast Ran Binder #1; suppressor of FUS1; homolog of
mouse HTF9a and human RanBP1 1 0.856369552 0.974114546 0.718094695
1.510169407 1 0.733057455 0.696319446 1.067615648 1.082597333 1
0.796433782 0.826027393 1.294811567 1 0.901003521 0.658352547
0.492663 1.127554 1 2.058540071 1.56621594 1.506960933
1.160271491 1 1.116363208 1.355250894 0.992472346 1.086042133
1.168012979 1 1.164037821 1.853727132 1.497687805 1.152300502
2.050038126 1 1.151900131 1.235151203 0.902747988 1.400869239
1.177315423 1.434272122
YFR039C YFR039C::YFR039C::molecular_function unknown 1 1.107148096
0.981241293 0.855154308 1.190781263 1 0.941513036 0.868257252
1.251619211 1.082275196 1 1.122201061 0.932264973 0.7008853
1.046670776 1 1.562397062 1.036774111 1.00111799 1.196140065 1
1.135929755 1.180691335 1.001308479 0.930705106 1 1.149406024
1.187843137 0.982218741 0.937085847 0.913979199 1 0.980365824
1.262581946 1.188897478 0.901628382 1.407430783 1 1.115520838
1.172336415 1.190452633 1.256084342 1.092657564 0.978071994
YFR053C YFR053C::HXK1::Glucose phosphorylation 1 0.991066825
1.650664848 1.896678061 1.420509993 1 1.625466809 2.286204396
1.624716431 1.199871651 1 1.201649167 1.692742617 3.494116736
1.060402404 1 7.400433527 6.553070045 9.482848653 4.293510597 1
5.82373509 4.161803112 6.830580454 4.088785476 1 1.680944555
2.115934926 2.253693019 1.126878745 1.561238865 1 1.629493408
1.727072287 4.14653895 1.203564502 1.499167434 1 3.842469561
2.77419252 1.695310286 2.219742067 8.498046457 1.539347006
YDR004W "YDR004W::RAD57::Required for X-ray damage repair, meiotic
recombination, wild-type levels of sporulation and viable spores"
1.050287793 0.801727868 0.954896653 0.820376022 0.839034527
0.762277114 1.037064777 0.842736769 0.891655425 0.918492892
1.050455152 1
0.859323253 0.77938942 1.000053745 1.13055672 0.917579207
0.675987711 1.03812316 0.839334512 0.957886178 1.145851594 1
0.829968512 1.32181139 0.933921654 0.611374741 1.047228275 0.746907259
YDR018c YDR018c::YDR018C::molecular_function unknown 1
1.552944849 1 1.327812331 1 1.438592693
2.089191369 1.39436454 1.391379479 1 1.711493098 3.080537395
2.547258468 3.826779936 0.521546832 0.566937066 0.867464097
0.358754234 1.063655231 1.075028352 0.827999943 0.935820802 1

	1.483325714	2.155081162	2.192121883	1	1.063834545
	1.119076828	1.365591275	1.055126958		
YDR020c	YDR020c::YDR020C::molecular_function unknown				1.004730173
	0.936108426	0.871282396	0.969793127	0.884197518	
	1.26256756	0.933159155	0.758383097	0.642711314	1.403870241
	0.42703187	0.397890246	0.703825326	1	0.736258663
	0.70515899	0.54614388	0.795226485	0.853725499	0.875508162
	1.240106116	1	0.739953824	0.738322762	0.709695128
	0.877687368	1	0.600555354	0.568015176	0.774134959
	0.624532708				0.484982764
YPR054W	YPR054W::SMK1::involved in sporulation				1.210355097
	0.987355188	1.214306518	0.626540146	1.376597693	1.281811855
	0.79896292	0.820235213	1.461225999	1.252336944	0.699971007
	1.182618658	1	0.336586605	0.310240629	0.344748289
	0.387667616	0.629557323	0.577905532	0.647931881	1
	1.341901305	1.217542423	1	0.786144612	0.452159392
	0.927913987	0.348403477	1	0.627486104	0.473111565
	0.093458172	0.818949497	0.625195524		0.955106141
YPR056W	"YPR056W::TFB4::RNA polymerase transcription initiation TFIIB (factor b), 37 kDa subunit"				0.941934537
	1.26091206	0.938314171	0.846852552	1.132857925	1.030869653
	0.945215463	0.929733252	0.758399321	1.188492633	0.595658227
	0.409676585	0.642315885	1.280403361	1	0.898015829
	1.411321099	0.860470443	1	0.932295826	1.033247182
	0.791212674	0.943643079	1	0.891438468	1.116129662
	0.816253098	1.197559668	1	1.260678104	1.168822576
	1.256457612	1.034987604			0.657532029
YPR058W	YPR058W::YMC1::putative mitochondrial carrier protein 1				
	1.088700344	0.919098181	0.684527747	0.806781939	1
	0.764285143	0.844501034	0.790722623	1	1.250048428
	0.732473212	0.920465595	1	1.233845257	1.083175156
	0.807249283	1	1.657289465	0.967697511	0.888782849
	1.017294049	0.920918272	1.064241528	1.021294805	0.953127976
	0.869498934	1.311761336	1.169508778	1.055510662	1.128218013
	1.251386764	1.398966904	1.187122763	0.942622647	0.763166004
YOR267C	YOR267C::HRK1::Hygromycin Resistance Kinase 				1
	1.069550007	1.30063943	1.123877833	1	1.468097751
	0.987796502	0.785707702	1	1.732022384	1.500783316
	0.882268329	1	2.030448276	1.179474544	1.347533737
			1	1.206769452	1.137709202
	0.940942425	1	1.905600945	1.159157853	0.907223727
	0.792357892	1	2.286465217	1.43633434	1.141199027
	1.232781543	0.741653531			0.922743788
YOR269W	YOR269W::PAC1::Required for viability in the absence of the kinesin-related Cin8p mitotic motor.				1
	0.88822246	1	0.931543584	1.035155523	0.978718555
	1.013396045	0.850047279	0.793387281	0.820311269	1
	0.75241694	0.740395913	1	1.003047557	1.110106263
	0.976534421	1	0.973413103	0.965973037	1.0069593
	0.936490809	1	1.0058607	1.148622629	0.78061699
	1.25245721	1	1.217195604	1.16568566	1.187604333
	1.487106865	0.882629006			1.349940691
YOR271C	YOR271C::YOR271C::molecular_function unknown				1
	0.751565355	0.587989098	0.540813655	1	0.863363342
	0.589498942	0.637008091	1	0.666774506	0.579087764
	0.588010758	1	0.577117473	0.446636773	0.434749092
	0.583734947	0.400900997	0.409078775	0.663342178	1
					0.969585875

	0.848946906	1.209946695	1.18722366	1.087728235	1	0.894397798		
	0.636482795	0.665408023	0.555423158	0.666480382	1	0.727480516		
	0.497674861	0.673011383	0.686274858	0.527845981	1.059505073			
YOR273C	YOR273C::TPO4::Polyamine transport protein					1	1.156632246	
	1.117909373	1.025142737	0.661201486	1	1.212382856	1.281477541		
	0.704468769	0.531903208	1	1.76561857	1.571853152	1.102104913		
	0.667652441	1	0.998573037	0.955715232	1.120253958	0.659959522	1	
	1.383459858	1.123796124	1.140610886	0.590231446	1	0.993739632		
	0.86846806	0.839589817	0.936248529	1.109857463	1	1.008069316		
	0.698820893	0.705806714	0.7641459	0.895896843	1	0.925370746		
	0.797303232	0.855524798	1.043528488	1.082620094	0.765295387			
YOR287C	YOR287C::molecular_function unknown					1	1.012117947	
	1.192342504	1.024221746	1.310839478		0.840245239	0.843557383		
	1.240181266	1.395143334		0.747491846	0.576455783	0.773590693		
	1.251147939	1	0.406279302	0.43202252		0.690997093	1	
	0.953702143		1.017084298	1	0.623255254	0.65817005	0.550198136	
	0.585337515	0.892244509	1	0.806206884	1.293980164	0.970616784		
	1.884665787	1	0.622009806	0.682394651	0.916348678	1.373580104		
	0.888829681	1.154948061						
YFR055W	YFR055W::YFR055W::not yet annotated					1	0.863627435	0.687531439
	0.952703875	1.084125153	1	0.981717831	0.888036863	1.147646146		
	1.246715643	1	0.950627656	0.784207326	0.617476527	1.771964466	1	
	0.633864846	0.448038567	0.475888355	0.695471888	1	1.185566378		
	0.912232606	0.952204964	1.514174647	1	0.801100399	0.987873455		
	1.442239608	1.270610186	1.098909377	1	0.842029099	1.104460252		
	1.440150443	1.466229871	0.830278066	1	1.065301027	0.967174981		
	1.708618196	1.109359453	1.089312524	1.570869482				
YOR289W	YOR289W::YOR289W::molecular_function unknown					1	0.657040199	
	1.228786452	1.188400488	1.542729384	1	0.88278363	1.089891344		
	1.593267333	1.628335725	1	0.781590705	1.826978132	3.476880424		
	2.056534798	1	2.814679793	2.948830899	4.269678185	4.772173012	1	
	3.258724327	3.990257186	6.355345447	3.455095101	1	1.157837766		
	1.960393402	1.837536694	1.086961022	1.468392475	1	0.880716816		
	1.635235762	2.048906171	2.605070884	1.885928608	1	1.330842686		
	2.190619677	1.962550025	2.104336645	3.774168919	1.843188537			
YFR057W	YFR057W::YFR057W::molecular_function unknown					1	1.578924459	
	1.465620122	1.627088838	1.268963885	1	1.780494109	1.305104153		
	1.476208059	1.344116153	1	1.306029366	1.183337303	1.303744794		
	1.429124252	1	1.771601435		1.041707928			
			1.17778129	0.870699328	1.153792252	1.039362986	1	
	1.063318738	1.556980716	1.45650895	1.410962804	1.441345651	1		
	1.103678683	1.30349394	0.998831262	1.240321555		0.741653531		
YDR022c	YDR022c::CIS1::Involved in microtubule assembly						0.776942075	
	0.898527373	0.826309919	0.995611434		0.632000034	0.684292014		
	1.050709117	1.064323368		0.810184693	1.057717	1.429156276		
	1.062203102	1	2.2296559	2.587717259		3.120194874	1	
	2.019885086	3.618858712		2.081483253	1	1.080120033	1.400956528	
	1.096002542	0.845469461	1.32406319		0.506447392	1.274226284		
	1.086971086	1.31166674	1.549068839	1	1.569804708	2.475877917		
	1.541706898	1.540015747	2.303595817	1.178589866				
YOR291W	YOR291W::YOR291W::molecular_function unknown					1	1.472325744	
	1.474116465		1.045190745	1	1.808355526	1.088759954		
	1.00535771	1	1.589009112	1.52957073	0.939581565	1.424371715	1	
	1.412568223						1	
	0.916628369	1.00503401	0.906693198	0.918713414	1.072683163	1		
	1.24671589	1.10568598	0.780916914	1.014160785	0.947623403	1		
	1.061468672	0.841329655	0.962560935	0.984698074	0.760921664	0.892260903		

YGL002W YGL002W::ERP6::Emp24p/Erv25p related protein 6 1 1.324035468
1.386531815 1.024926275 1.705218193 1 1.059065273 1.089083966
1.717481191 1.318200133 1 1.31328492 1.158876566 1.666057268
1.319955399 1 0.926390644 0.556008499 0.829228494 1.187619783 1
2.334233023 2.397566028 3.293861842 2.055505899 1 0.928592697
0.498516343 0.872048627 0.930993298 1 0.874485566 0.98851209
1.019383733 0.761955951 1.395879312 1 1.095868165 1.036710202
0.870883016 1.215788627 1.231878831 1.509575756
YDR024w YDR024w::FYV1::Function required for Yeast Viability on toxin
exposure 1 0.943779867 0.791570337 0.694560132 0.889397651 1
0.740004099 0.695965442 0.871512369 1 0.824995733 0.73432024
0.87241406 0.799986478 1 1.175154414 1.123713818 1.441333869
1.307917386 1 1.260792842 1.305274735 1.211692813 1.330072413 1
0.980199309 1.142527796 1.165815677 1.123170941 1 0.785417627
0.951444347 0.57075015 0.518090231 0.759763441 1 0.777410451
1.246373867 0.820175776 0.899923622 0.831390199 1.230251695
YOR293W YOR293W::RPS10A::Homology to rat S10 1 1.058001718
1.247190769 0.750724104 1.476530057 1 0.986057692 0.90511114
1.453896968 1.032910419 1 0.772142093 0.881762699 0.691025734
0.92376451 1 0.980358316 0.328853808 0.205017716 0.89175962 1
1.179331487 0.940917588 0.593705325 0.989374837 1 0.897029991
0.751152071 0.523324946 0.693940459 1.140157393 1 1.275007829
1.727745667 0.805556969 0.829994622 2.248168087 1 1.474540816
1.83385772 1.201738832 2.865781207 1.351761782 1.302052878
YGL004C YGL004C::YGL004C::molecular_function unknown 1 1.026220817
1.130850668 0.938160787 1.06059387 1 0.975314592 1.186286801
1.16344268 1.058936969 1 0.926819006 1.271001704 1.382038127
1.271427912 1 1.651220577 1.061925036 1.123806903 1.546734205 1
1.997432351 1.517786843 1.944250268 1.155156997 1 1.000925215
1.193475434 1.143342798 0.956624771 1.147145458 1 1.124713556
1.200938484 1.229105338 1.171617247 1 1.393230062
1.214445133 0.73700359 1.123518029 0.889634012
YDR026c YDR026c::YDR026C::molecular_function unknown 1 0.629074364
0.829837743 0.829461933 0.783746723 1 0.715323575
0.84118234 1 0.829346643 0.832166047 0.586527143 0.900853353 1
0.564563706 0.749488843 1.07491309 1 1.395804959 1.230478008
1.875476103 1.025376343 1 0.900967943 0.942791625 0.798543037
0.586486596 1.088956284 1 0.94555172 1.070507347 1.042499638
1.122027909 0.978841774 1 1.009094409 1.243823852 1.100591926
0.844354516 1.044753147 0.90539525
YOR295W YOR295W::UAF30::Topoisomerase 1 and RAD52 epistasis group
Interactions 0.876676359 0.957745961 0.893398682
0.779708824 0.900673232 1.322330074 0.653452539 0.635687929
0.671925436 1.198282514 1 0.686210427 0.547670835 0.71333604 1
1.009942515 1.13023649 1.271661046 0.702887306 1 0.891362742
0.91391849 0.912740252 0.819957264 0.998686488 1 0.840413291
1.429256298 1.719681867 1 0.808309088 0.879639977
0.963812406 1.375630849 1.118171805
YGL006W YGL006W::PMC1::May be involved in depleting cytosol of Ca²⁺ ions 1
1.336394637 1.158500562 1.622031157 0.961282652 1 1.496371695
1.64944451 1.231653541 1.026845354 1 1.280137196 1.545448732
1.011289774 1.506040194 1 1.359092452 1.294677313 0.936312905
0.818409412 0.932594636 0.640905699 0.523998581 1.094469289
1.0142819 0.4847775 0.76836819
2.044168072 1 0.529550924 0.364759155 0.489877688
YGL006W YGL006W::PMC1::May be involved in depleting cytosol of Ca²⁺ ions

1

1.144758691 1.296514276 1.450331567 1.089130445 1.132422543 1
1.170620171 0.951040453 1.036254107 1.054563923 0.711165269 1
1.131678973 1.057689162 1.153450763 0.893304217 1.04884435 0.973693878
YDR028C YDR028C::REG1::The reg1 locus encodes a gene which is involved in
RNA processing and is a negative regulator of glucose-repressible genes. 1
0.68008247 0.744267331 0.972880901 0.622133503 1 0.932798203
0.945343551 0.790046293 0.62505902 1 1.06602724 1.039800909
1 1.173043525 0.87488325 0.819217988 1 1.109004771
0.864194903 1.095984698 1.180662013 1 0.997446874 0.869586187
0.99813822 0.993255848 1.159166099 1 0.971707884 0.797593899
1.139992581 0.848591709 0.613744777 1 0.747873805 0.614245727
0.690567325 0.436479665 0.663802416
YOR297C YOR297C::TIM18::mitochondrial inner membrane translocase 1
1.485618907 1.497098936 0.878874346 1.38133033 1 1.022184474
0.927333825 1.302511793 0.913511512 1 1.189019076 0.960228696
1.219309228 0.837941241 1 0.804480062 0.462229885 0.528077656
0.833328785 0.563456825 0.513693802 0.448986329
1.327286529 1.36955672 0.856756438 1.134379308 1.142505173 1
0.658453163 1.024402361 0.670330586 0.667895952 0.898173062 1
0.813888212 0.945408889 0.718918232 1.368464917 1.080103564 1.431645232
YGL020C YGL020C::SWF3::Spore Wall Formation 1 1.057034146 1.100589674
0.866788465 1.314484208 1 0.868850941 0.949713632 1.487562503
1.291699995 1 0.769749861 0.911290329 1.329976976 1.087038293 1
0.930226786 0.722769602 0.813007149 1.0753782 1 1.369799524
1.664202344 1.559293029 0.84467083 1 0.922565328 1.058743205
0.907780614 0.906281983 0.917542983 1 0.984941218 1.127157619
1.105911649 0.862176999 0.989236775 1 1.170145421 1.275108694
1.042848017 1.313143722 1.032237295 1.323067897
YDR042C YDR042C::molecular_function unknown
0.988493991 1.028694339 1.291260117 0.921542483
1.11264535 0.867327932 1.453696055 1.056329127 1
0.862173645 1.572189189 1 1.401787074 3.000008625
2.33754331 1 0.899630404 0.97238107 0.699569665 0.886879371
1.115320622 0.667293382 1.123314971 0.939046602 0.901539994
1.6447692 1 1.125520301 1.140411791 1.335913841 0.175337643
1.927287166 0.868618994
YGL022W YGL022W::STT3::Required for protein glycosylation 1
0.935243911 0.641939707 0.94989216 0.371440729 1 1.013610974
1.031113768 0.620955891 0.719100028 1 0.941121988 0.814916119
0.555281775 0.823862397 1 1.387204818 1.074779684 1.459951233
0.618193353 1 0.651240176 0.540099941 0.370809309 0.463396802 1
1.067210528 0.953414304 1.266057097 1.466303463 0.914870583 1
0.681412074 0.588869972 0.65995303 0.60372762 0.339412246 1
0.914561475 0.662244226 1.013644801 0.609118093 0.803358313 0.62957364
YDR044W "YDR044W::HEM13::Oxygen-repressed, sixth step in heme biosynthetic
pathway" 1 1.680305222 1.205069665 1.016401009 0.959482222 1
1.35876659 1.301806181 1.082428732 0.990550258 1 1.2617203
0.72603366 1.966493103 0.772393229 1 0.978233167 0.653813154
0.670439252 0.973620195 1 0.772210957 0.358866166 0.612942398
0.733336019 1 0.835307051 0.454243437 0.663963978 2.773564381
2.126942615 1 0.915854407 0.384885406 0.604623918 0.915378614
1.647677288 1 0.486354611 0.204056812 0.493572815 0.880283158
0.530210364 1.468421488
YGL024W YGL024W::molecular_function unknown 1 1.198741601
1.248160772 1.079195209 1.010678048 1 1.431952636 1.262918357
1.149755112 1 1.447305462 1.405602553 1.273750964 1.16700437 1

	0.76140897	0.874065888	1	0.217105486		0.116098746
	0.911867567	0.816395709	0.890097188	1.378707259	0.852572926	
	0.856396023	0.645023745	0.656346438	0.89322661		0.87834135
	1.070843605	0.956436804	0.72238979			
YGL026C	YGL026C::TRP5::tryptophan synthetase		1		0.966660372	
	0.708926186	0.824816916	0.334881753	1	1.066156829	1.003682888
	0.570817913	0.559805835	1	1.398953614	1.293236187	0.75277454
	0.533169186	1	2.099163524	1.638475211	1.658064137	0.627496834
	1.053869986	0.617882295	0.45782973	0.534975254	1	1.07136015
	0.937311598	1.442033336	1.176074265	0.750591901	1	1.084671361
	1.051224841	1.307512574	1.065289815	0.629463091	1	1.01962706
	1.119581011	1.156337096	0.646409119	0.602433844	0.815205939	
YDR046C	YDR046C::BAP3::branched-chain amino acid permease		1			
	1.228997433	0.843358334	0.873480881	0.512590253	1	0.992213144
	0.965822882	0.600312658	0.673453062	1	1.375303	0.939796054
	1.073224874	0.709985733	1	0.488077089	0.145346625	0.329126125
	0.268178162	1	1.314722856	0.878253382	0.878418929	0.909540912
	0.758938589	0.639678688	0.619329813	1.106262286	1.059257298	1
	0.991254673	0.567323864	0.945117109	1.039586492	0.641266727	1
	0.661224803	0.503289098	0.851009394	0.473868594	0.292252179	0.639205537
YGL028C	YGL028C::SCW11::Soluble Cell Wall protein		1		0.836990821	
	0.528953221	0.974805853	0.621888585	1	0.827842552	0.85977429
	0.703464008	0.810142278	1	0.862010973	0.583355551	0.389800783
	0.662233825	1	0.634746235	0.569474976	0.713589622	0.555621664
	0.474374125	0.309273278	0.387537601	0.861605343	1	0.917863569
	0.827212272	0.686175877	0.93268996	0.88080734	1	0.564054063
	0.5375246	0.715575178	0.186261	0.374253708	1	0.808912738
	0.725759322	0.89703687	0.803769412	0.833762915	0.760917271	
YDR048C	YDR048C::YDR048C::molecular_function_unknown		1		1.072871072	
	0.888606404	1.247499343	1.03354853	1	0.893767475	1
	0.957415493	1.069142322	2.083579281	0.200846505		0.970675109
			1	0.799530457	0.921678185	
	1.010708094	0.824090879	1.145589681	1	0.942620478	0.939430621
	1.15156798	1.222952842	0.972624895	1	0.835548431	0.841050376
	1.164418767	0.333866724	0.974451751	0.867743381		
YDR050C	YDR050C::TPI1::induced under stress conditions		1		1.534443069	
	1.136985054	0.947134125	1.398974969	1	0.889061494	0.817719386
	1.201732229	1.301211517	1	1.055526036	1.059237442	1.684156998
	0.705964839	1	1.642829284	1.872035828	1.149942421	0.785194448
	1.709014458	2.200510181	1.784597547	0.732971832	1	1.430962909
	1.18327825	2.055150064	1.28882238	1.407803673	1	1.216254323
	1.627674329	1.661169902		0.812539264	1	1.911098432
	1.479346612	1.139907336	1.689322476	1.422889		1.685490534
YDR052C	YDR052C::DBF4::Required for Cdc7 kinase activity		1			
	0.700056508	0.806049799		0.840578727	1	0.826843835
	0.776387334	0.769151585	1	0.731434663	0.770562833	0.522025461
	0.89982704	1	0.913890139		0.730117465	1.062884457
	0.488251423	0.549002665	1	0.798378392	0.853637786	0.884092844
	0.939402027	1.049562364		0.680334908	1.29856678	0.800855688
	1	0.646053836		0.677659741	0.254617408	0.866867768
YOR311C	YOR311C::HSD1::ER membrane protein		1		1.104591982	0.934976667
	0.765791863	0.850093264	1	0.84250724	0.80890733	0.929853691
	0.785721968	1	1.167205859	0.908637004	0.79340693	0.778923203
	0.894132303	0.627607786	0.698467466	0.866753355	1	1.191914049
	0.790922263	0.820238408	0.656356686	1	1.127981761	0.90783131
	1.199311816	0.931233061	1	0.859513629	0.906558921	0.711196533

0.584425951 0.622392944 1 0.793291415 0.883647769 0.827599094
 0.722917086 0.799463935 0.939544512
 YOR313C YOR313C::SPS4::sporulation-specific protein 0.842200327
 0.997604553 0.743567114 1.013232882 0.687693527 0.740309495
 0.824137532 0.877230413 0.671537002 0.848289019 2.49722564
 0.785149164 1 1.199710165 1.349290679 1.052288792 1.586539837 1
 2.166335359 1.844991581 2.087158446 1.6719587 1 1.184407476
 1.319234155 1.151044539 0.935775305 1.250136479 1 1.046681643
 1.233572817 1.238930049 0.975499909 1.441289986 1 0.868868932
 1.116713765 0.805397822 0.934206415 0.96853627 1.300301653
 YOR315W YOR315W::YOR315W::molecular_function_unknown 1 0.817103311
 0.661954784 0.863344371 1 0.858637418 0.836923773 0.796648496
 0.586464495 1 0.791402659 0.617350705 1.182841505 0.774912387
 1.685526666 0.87040797 1.138747584 1 1
 0.945039782 0.847647672 1.13074896 1.094770156 1 0.956137421
 0.741638361 0.854557386 0.764195426 0.789165159 1 1.107650904
 0.914854158 0.782972755 0.924602649 0.778257976 0.732897299
 YOR317W YOR317W::FAA1::cellular_lipid_metabolism_and_protein_N-myristolation
 1 0.982789246 0.874551123 1.093387359 0.720506084 1 1.44433986
 1.315060605 0.787457084 1 0.940441172 1.098254721 0.688441001
 0.964922843 1 1.201266189 0.515582598 0.956353708 0.604724603 1
 1.627327845 0.811543485 0.976762932 1.079749516 1 0.897776771
 0.820975086 1.050912836 1.042843711 0.955177887 1 0.966661112
 0.565196252 0.64015871 0.897540578 0.636109332 1 0.73511652
 0.594530848 0.867616055 0.65629605 0.956873258 0.602429332
 YOR319W YOR319W::HSH49::Human_SAP_Homolog_49._A_yeast_homolog_of_a_human
 spliceosome_associated_protein_(SAP)_called_SAP_49. 1 0.958684446
 0.79448078 0.895857526 1.128135369 1 0.778535058 0.793157889
 1.177584785 1.023035882 1 0.742340868 0.717985419 1.542453607
 0.9447405 1 0.706844483 0.98556174 0.544740605 0.892167565 1
 1.83034982 1.965138016 1.595076493 2.501553812 1 0.977296814
 0.829335019 0.767399583 0.784528418 0.947794754 1 1.000787841
 1.260042028 1.097377817 1.064867525 1.554838539 1 1.085925486
 1.081899716 1.066552891 0.963488456 1.218409083 1.235505476
 YGL030W YGL030W::RPL30::Homology_to_rat_and_mouse_L30 1 1.217061957
 1.280304745 0.710924088 1.204678773 1 0.960960934 0.883353555
 1.136723206 1.068198886 1 0.884576418 0.807226297 0.81432737
 0.795578278 1 0.541238345 0.222621089 0.139222779 0.31622359 1
 1.587263306 0.920679156 0.431531384 0.876701233 1 1.192503836
 1.144621609 0.939458289 1.101583697 1.097180976 1 0.916530065
 1.07229691 0.780241752 0.535706167 1.151628941 1 0.964436952
 1.017081294 0.915286394 1.451338022 1.098810175 1.087524994
 YOR321W YOR321W::PMT3::Transfers_mannose_residues_from_dolichyl_phosphate-D-
 mannose_to_specific_serine/threonine_residues_of_proteins_in_the_secretory
 pathway 1 1.002455124 0.834955316 0.901483744 0.660888541 1
 0.992110788 0.959022905 0.761528935 0.717579818 1 0.958222629
 0.83879956 0.881450589 1.000400602 1 1.015457989 0.752983817
 0.82282765 0.873579775 1 1.259314868 1.110928684 1.031925726
 0.937590713 1 1.055438671 1.001896234 1.304827855 1.242110268
 1.315236276 1 0.836940822 0.901499864 1.117264587 1.121258159
 0.390466052 1 0.604702969 0.684049427 0.667526917 0.445709749 0.521468
 0.742529143
 YGL044C YGL044C::RNA15::Protein_with_a_role_in_mRNA_stability_and/or_poly(A)
 tail_length 1 0.743795242 0.948182453 0.878480013 1.101241052 1
 0.904032194 0.812362019 1.057411096 1.11502314 1 0.831882434
 0.827256017 0.937758892 1.168033092 1 0.620293065 0.653924828
 0.718038567 1.273952438 1 1.492470597 2.163820649 2.055369908

1.322980111	1	0.885857797	0.945390911	0.766959125	0.788331945
0.991458543	1	1.073431633	1.135639785	1.348430061	1.088295273
1.189308313	1	0.983256132	0.918904481	1.079295701	1.021441264
1.237096055		0.922907714			
YDR066c	YDR066c::YDR066C::molecular_function	unknown	1	0.939279036	
0.98870851	0.99648581	1.314604947	1	0.907469499	0.80863356
1.342856409	1.375765905	1	0.902190002	1.037407286	1.458836793
1.186606434	1	1.064240429	1.432289248	1.031542894	1
1.086678344	1.678621368	1.74658348	1.470149078		0.954094225
0.961819006	0.803209187	0.808608862	1.108057769	1	0.746887673
1.146158535	1.051853649	0.975722582	1.344375415	1	1.022241516
1.216390034	0.997952891	0.398525717	1.394768142	1.303804103	
YOR335C	YOR335C::ALA1::Cytoplasmic	alanyl-tRNA synthetase gene	1		
0.999697202	0.712385551	0.980528193	0.69159314	1	1.024109446
1.092522094	0.749400485	0.734795445	1	1.096436201	0.754865032
0.354523813	0.86981285	1	0.918359686	0.577048819	0.503133073
0.413412647	1	0.63789749	0.294234264	0.163065975	0.458728099
0.927121185	0.669656835	0.765680262	1.122358947	0.797614372	1
0.762354745	0.370584573	0.486602794	0.45427471	0.39756177	1
0.853516471	0.614456015	0.643102521	0.589569844	0.502642233	0.536757491
YGL046W	YGL046W::YGL046W::molecular_function	unknown	1	2.055919425	
2.059016052	1.894293057	2.120421602	1	1.458714285	2.037205113
1.849609916	1	1.581532488	1.574650629	1.868011084	1.670488212
0.957706805	0.811971632	0.705794355	0.585877373	1	0.452335818
0.714921614		1	1.03003835	0.911863031	0.904234972
1.033364987	1	0.999438896	0.979827811	0.874573059	0.728719207
1.1114443		1.006740511		1.34726228	0.995258953
1.371227171					
YDR068W	YDR068W::DOS2::Product of gene	unknown	1	0.583470477	
0.693287031	0.641285324	0.797066128	1	0.57947364	0.605377647
0.74421179	1	0.780549673	0.914243911	0.873798293	0.730714167
	0.862034688	0.987970503	1	1.799946262	2.993610853
1.832810363	1	0.903536831	1.190641584	0.613406649	0.599179182
1.040440828	1	1.263460748	1.66786906	1.551104466	1.600686056
2.322867658	1	1.236002644	1.557957998	1.193899025	1.279648441
2.034017173		1.225873579			
YOR337W	YOR337W::TEA1::Mutants are defective in Ty1	Enhancer-mediated			
Activation	1	0.773595497	0.617737643	0.790846569	0.561478493
0.761431829	0.794632615	0.717894693	0.806204792	1	1.149714976
0.554006486	0.420159667	0.778899887	1	0.577809011	0.33821849
0.466704447	1	1.569286916	1.915859182	0.596673278	0.525348975
0.701522952	0.613943361	0.79733317	0.995858016	0.871266377	1
0.962418149	0.647146545	0.767477507	1.348123877	0.64044831	1
0.617635836	0.526117972	1.120454056	0.612307569	0.607980273	
YGL048C	YGL048C::RPT6::member of the 26 S	proteasome	1	0.825838002	
0.90689943	1.009795957	1.092184652	1	0.914984662	0.877810987
1.101461259	1.044052933	1	0.892910751	1.075125048	1.103901898
0.875800195	1	1.01290049	0.981263255	1.047984908	1.263030808
1.548617144		1.985065165	1.900609084	1	1.133194676
1.673686522	0.925258394	0.986090586	1	1.182835017	1.934252958
1.708695457	0.845628218	0.999851995	1	1.398613862	1.708823299
1.234487732	1.006237029	1.306244949	1.439525903		
YDR070c	YDR070c::YDR070C::molecular_function	unknown	1	1.239952244	
2.389963956		3.950959716	1	1.391432522	2.153118625
4.748101034	1	1.320699471	2.927159454	15.85522212	5.181507449
3.881676921		17.70971429	13.41366527	1	1.537153341
16.78671079	4.147504953	1	1.003981275	1.254361031	1.023831232

	1.09404395	1.17198153	1	0.973423792	1.398682316	1.027308319
	1.19000177	1		1.131282016	1.062912868	2.781223271
	1.099783781					
YOR339C	YOR339C::UBC11::homolog of ubiquitin carrier protein E2-C					
	0.959172554	0.847280612	1.02981247	0.752827155		0.780919537
	0.862229899	0.850637186	0.924313386		0.915074692	0.936079535
	0.856615375	1	1.225880378	0.864064896	1.429674941	1.080987722
	0.803363308			1	1.171024299	1.012401566
	1.109673335	1.031198444	1	0.734733972	0.768701685	0.80664604
	0.663105062	0.616971326	1	1.031285043	1.345866919	1.126286551
	1.399057606	1.037651123				
YGL050W	YGL050W::molecular_function unknown 1 0.864685922					
	1.162414147	0.831475805	1.184689935	1	0.770130526	0.756815166
	1.082823499	1.121215648	1	0.705059237	0.79528863	0.866069381
	0.899670052	1	0.426057424	0.368788987	0.581894307	1.139942048
	1.750269098	2.353663865	2.592724044	1.815286917	1	0.88275691
	0.658038165	0.919432602	1.010826098	1	0.850744842	0.981851989
	0.953047848	1.083799467		1	1.052879033	1.060718189
	1.106542882		1.09190311			
YDR072c	YDR072c::IPT1::necessary for synthesis of mannose-(inositol-P)2-ceramide (M(IP)2C) 1 0.895753419 0.641909803 0.862670333 0.571591959 1					
	0.922739566	0.765771473	0.677035162	0.766354796	1	0.783115654
	0.687801198		0.691718088	1	1.13994826	1.085566381
	0.975995084	1	0.753400828	0.637955168	0.503360188	0.854105725
	1.207708899	1.289762952	1.212016085	2.08347691	1.480613288	1
	0.522819316	0.307162217	0.549636679	0.698424524	0.357008859	1
	0.620572051	0.473112481	0.690331349	0.464230265	0.795745757	0.504359402
YOR341W	YOR341W::RPA190::alpha (190 kDa) subunit of RNA polymerase I 1					
	0.982586631	0.653775892	1.080773579	0.391413591	1	1.165331673
	1.202093206	0.640886653	0.514560045	1	1.173189489	0.895753019
	0.205538168	0.978155377	1	0.584008681		0.641652524
	0.348331743	0.298720287	0.336907397	0.48689846	1	0.893486579
	0.799418252	1.08684048	1.481420412	0.846344782	1	0.879993013
	0.489226068	0.684975373	0.888129817	0.479436576	1	0.532610401
	0.539278793	1.069718698	0.578038144	0.538979773	0.879126451	
YGL052W	YGL052W::molecular_function unknown 0.828656124					
	1.006715116	0.773757001	0.939810219		0.797869727	1.034675813
	1.165982394	1.095298988		0.899401462	1.129641713	1.51446154
	0.966262132	1	1.134655868	0.751073679	0.937766235	1.30722373
	1.689761676	2.58187068	2.26096123	0.788975022	1	1.28240498
	1.310932419	1.134031958		1.326330479	1	1.11832559
	1.739305777		0.862433488	0.794628984	1.035392133	0.183437314
	1.194075418	1.196102433				
YDR074W	YDR074W::TPS2::Trehalose-6-phosphate phosphatase 1					
	1.173464788	1.296099661		0.920156443	1	1.632004511
	0.622920385	1	2.052062732	2.628009367	1.335064745	1.59211729
	2.235761135		2.758947271	0.811935109	1	1.882211671
	1.259170134	0.95038869	1	1.244111715	1.609008569	1.756189314
	1.035557744	0.992479544	1	1.562557841	0.858452779	2.158787395
	1.037247085	0.563826933	1	2.035002904	1.04731035	1.089873929
	0.761030427	1.877014398	0.688240476			
YGL054C	YGL054C::ERV14::ER-derived vesicles 1 1.349271859 1.128190189					
	0.865128582	1.517057136	1	0.893876227	0.996947355	1.451942746
	1.220605687	1	0.832730238	0.962379328	1.11368243	1.053292636
	1.156533367	0.885736019	0.939350279	1.322235631	1	1.647250909
	1.438396673	2.002415065	1.414671739	1	1.318040882	1.337109962
	1.182286732	1.289810139	1.141138062	1	0.796910649	1.155227277

	0.680201914	0.672772985	1.235308943	1	1.135527062	1.158045568
	1.085890821	2.003913821	1.325616645	1.392242189		
YGL068W	YGL068W::YGL068W::molecular_function unknown				1	0.980203823
	1.146170645	1.118682494	1.083584512	1	0.892924218	1.029324528
	1.485576549	1.481028047	1	0.776759144	0.872371436	1.231982982
	0.985309728	1	1.116766257	0.921287967	0.834948818	1.063891448
	1.455864585	1.522271686	1.338523833	1.199492105	1	1.347753132
	1.451349491	1.092544244	1.045126931	1.146426583	1	1.428689134
	1.842565735	0.923686019	0.621766204	1.281622858	1	1.253152941
	1.603931314	0.783089238	1.679187695	1.37305348	1.197853659	
YDR076W	"YDR076W::RAD55::Required for X-ray damage repair, full sporulation and viable spores"				1.183266838	1.016964482
	0.961318068	0.921542483	1.028391559	1.047694229	0.974157361	
	1.300613999	1.197303596	1	0.632446259	0.668795504	0.696013616
	0.831751465	1	1.130050693	1.817352224	1.68005339	
	1.023711134	1.001396342	1.09014175	1.058754067	1.199917439	1
	0.652044797	0.640488695	0.985162754	1.57209365	1.298802356	1
	0.57036118	0.575995713	0.895356947	0.103513177	0.832450161	0.875624
YGL070C	YGL070C::RPB9::RNA polymerase II subunit				1	1.146514644
	1.192453042	1.002403654	1.316449868	1	0.892924218	0.941359329
	1.377880142	1.281089275	1	0.922311437	1.044317082	1.000113165
	1.085947023	1	0.77342811	0.594112746	0.867396011	1
	0.895371725	0.814301936	0.819927367	0.880584423	1	1.180201577
	1.120701228	0.911459239	0.987737463	1.040554005	1	0.870708089
	1.113253613	0.705705665	0.856442829	1.082838544	1	0.913340915
	0.986805313	0.819112144	1.234838242	1.096785843	1.564740036	
YDR090C	YDR090C::YDR090C::molecular_function unknown				1	1.013615768
	0.706644715	0.761215163	1	0.802786085	0.807326928	0.656087432
	0.761155465	1	0.986899327	0.864183225	0.650965828	0.734720217
	1.120570126	0.97940586	0.861467466	1	1.210718494	0.769008808
	0.707003508	0.98574117	1	1.25228749	0.977497666	1.288979891
	1.136639874	1.046696298	1	1.148472774	1.047843315	1.135554599
	0.892142924	0.995626779	1	1.286837662	1.063969178	0.863009585
	0.819648214	1.005036079	1.053375628			
YGL072C	YGL072C::YGL072C::molecular_function unknown				1	1.146696388
	1.261774227	0.967955577	1.200792617	1	0.94268054	0.986884235
	1.245656795	1.244589958	1	1.229303011	1.352109106	2.247351634
	1.131634275	1	1.669726142	0.966514473	1.617962148	1.556184528
	1.43612825	3.223673767	2.243469784	1.303444461	1	1.182087833
	1.121618269	1.260033826	0.91508745	0.886935654	1	1.089211243
	1.380937613	1.165406026	1.124588089	1.108575282	1	0.922039337
	1.018944789	0.823749329	0.887397727	0.701556972	1.323943457	
YDR092W	YDR092W::UBC13::ubiquitin-conjugating enzyme					0.694445881
	0.947496596	0.730149335	1.130709167	0.629578537	0.761178746	
	1.046977005	0.864438153	1.140218873	1.599766805	1.010316595	1
	1.376935461	1.053113536	1.248216223	1.296509256	1	1.542149789
	1.686329728	1.844301915		1.218866701	1.461596842	0.985067874
	0.746557332	0.807599951	1	1.235630645	2.590184727	2.488195208
	1.990244714	2.008121202	1	1.15470426	1.823391922	1.26346773
	0.725571376	1.178470306	1.294172311			
YDR094W	YDR094W::YDR094W::molecular_function unknown				1	1.395649094
	1.551226701	0.94158996	1.194272353	1	1.17653748	1.067364091
	1.302341307	1.390601488	1	1.622065749	1.341952906	2.326525577
	1.197026537	1	1.244143077	0.659794065	1.105224442	0.873352418
	1.096420789	1.907901229	1.143047748	0.591249194	1	1.049171299
	0.910164414	0.891984214	0.83832304	0.640329725	1	1.032278777

1.424100532 1.343664053 0.981043886 1.469244913 1 0.948231333
1.663913199 1.11025986 1.309288569 1.171095566 1.086649433
YDR096W YDR096W::GIS1::putative zinc finger protein; repressor of PHR1
transcription 1 0.889930427 0.957024843 1.112242069 0.677982185 1
1.053051746 1.350927015 0.666566569 0.57273053 1 1.284927891
1.162700945 1.285506681 0.798724123 1 1.157701779 1.97438006
0.717258579 1 0.635899601 1.036433805 0.742583578 0.43380267 1
1.055565377 1.038119685 0.889341398 0.746864226 1 1.002136008
0.739979236 1.26518049 0.848033038 0.754002706 1 1.150555792
0.801113009 1.032513685 0.487016522 1.507732062 0.710131055
YOR343C YOR343C::YOR343C::molecular_function unknown 1.122933745
0.993049272 0.889882801 1.099341015 1.06323377
1.148577085 0.981384461 1.11481196 1 0.355670171
0.350715342 1.797972857 0.444444987 1 1.011946345
0.804641369 1 1.03934224 1
0.635017135 0.686242237 1.392979653 0.794256925
0.961361093 0.463988489 1.107019671
YOR345C YOR345C::YOR345C::molecular_function unknown 1
1.149338435 1.390857565 0.916859571 1 1.2269412 1.301266966
1.168004033 0.910837749 1 1.181718691 0.975236163 0.754694104
1.4180102 1 0.610873218 0.602849714
0.566396844 1 0.745618712 0.60883322 0.652519586 0.899732748
0.959520586 1 0.505873009 1
1.104589073 0.938111036 1.634789994
YOR359W YOR359W::VTS1::<u>vt</u>i1-2 <u>s</u>uppressor 1 1.167836338
0.911876512 0.842546658 1 1.197122378 0.936240376
0.966512301 1 0.71001845 0.754047303 0.688189613 0.869873875
0.923925244 0.91667191 1
0.715761719 0.565700599 0.641098175 0.834133488 0.777330484 1
0.581604006 0.744488615 0.462888514 0.826527079 0.869492426
0.448829032 0.818881603 1.012452977 1.148410057 0.617625197 0.963186421
YOR361C YOR361C::PRT1::translation initiation factor eIF3 subunit 1
0.958579229 0.762125087 1.07948702 0.667555384 1 1.037502292
0.892515955 0.780723909 0.761478008 1 0.832619259 0.642510265
0.461816041 0.828064677 1 0.609614504 0.500160655 0.540858742
0.418013297 1 0.71481054 0.489540482 0.416919819 0.739165281 1
0.840013982 0.71827117 0.755431934 0.862996246 0.852451614 1
0.799220696 0.566409664 0.524752901 0.545686169 0.519215923 1
0.868365742 0.710186017 0.815894294 0.689927086 0.63309707 1.042868171
YOR363C YOR363C::PIP2::activator of peroxisome proliferation 1
0.847985788 0.745087368 0.694815665 1 0.975114126 0.897238767
0.731277007 0.676726649 1 0.959477661 0.954064973 0.544350922
1.074083337 1.413757654 1.283555814 1.012220066 1
0.997660247 1 0.956587061 1.187179434 1.042499531
1.239410039 1 0.916375756 0.810296381 1.27637472 1.198332765
0.766569247 1 0.843025826 1.123307001 1.222254199 0.702608592
0.983712026 4.276547462
YOR365C YOR365C::YOR365C::molecular_function unknown 1 0.842431743
0.861296721 1.052568415 1.143581518 1 0.862832848 0.893252787
1.161773484 0.991169994 1 0.886658966 0.774866611 0.921498025
0.940152843 1 0.738467231 0.872531963 0.277071752
0.621729758 0.353318537 1 0.915027215 0.975941312 0.888045278
0.782769573 1.063563796 1 0.900407105 1.049893746 1.072355098
1.579139326 1 0.80317464 1.151554067 0.156781974 1.14817886
1.551605689
YDR098C "YDR098C::GRX3::Member of a glutaredoxin subfamily in Sc together
with GRX4 & GRX5. Sign. sequence diff. with the other glutaredoxin subfamily,

formed by the previously described GRX1 & GRX2 glutaredoxins (Luikenhuis MBC 9:1081, 1998)" 1 0.87658018 0.933236828 0.934622469 0.903527331 1
0.875586025 0.823591843 1.038289118 0.984894486 1 0.855845881
1.076969561 1.034223858 1.093079817 1 0.966964898 0.819914786
0.481640212 1 0.95605165 0.559140002 0.580460003 0.93753917
1.094469289 1.094356799 0.974964564 0.967615915 1.137720818 1
0.911088872 1.243220939 1.186850607 1.11983152 1.024461441 1
1.00080093 0.939634341 0.945305571 0.674206088 0.888287466 0.909773366

YOR367W "YOR367W::SCP1::homolog of chicken calponin, thus the name S. cerevisiae CalPonin" 1 1.054917973 1.206026719 1.14199475 1.54220282 1
0.988632679 1.016941388 1.493058443 1.318374718 1 0.998102635
1.279589908 1.619212362 1.248299748 1 1.207916838 0.960697453
1.193297746 1.183045425 1 1.618631813 2.213878945 2.799324401
1.714531284 1 0.994246246 1.175915689 0.862684935 0.796948206
0.987077758 1 0.906795512 1.182446645 1.141989354 1.088512503
1.28738204 1 1.381807319 1.198910277 1.097902472 0.939195874
1.369572906 1.373854061

YDR100W YDR100W::YDR100W::molecular_function unknown 1 1.116094304
1.191906541 0.910210638 1.264493632 1 0.86237873 0.975094872
1.234039651 1.255618146 1 1.051529304 1.141070263 1.84912201
0.933142191 1 1.664899932 2.70591748 1.792589107 1.590358214 1
1.977803967 2.586883901 3.525367991 1.670098529 1 1.148151783
1.282983983 1.021856739 0.972803303 0.900072903 1 0.805356635
1.229810607 1.087373904 0.970110641 1.257448551 1 0.990977275
1.089592449 0.927654003 1.156640138 1.436394034 1.328321573

YOR369C YOR369C::RPS12::Homology to rat S12 1 1.169771156 1.083062014
0.777962594 1.156448585 1 0.927221332 0.833485451 1.463053658
1.144873523 1 0.855729291 0.782508993 0.699567821 0.875194693 1
0.992501582 1.343752748 0.203660563 0.656492678 1 1.787241592
1.05515695 0.366607551 0.586761163 1 1.491391034 1.159202493
1.481388818 1.414361415 1.766579153 1 1.26971798 1.124647531
0.651461917 0.437169129 0.969251734 1 1.717183547 1.553585962
1.207257066 2.069838868 1.661837845 1.264401061

YDR114C YDR114C::YDR114C::molecular_function unknown 0.758472788
0.89738857 0.865444992 0.884009004 0.727647541 0.787539902
1.022196435 0.71493977 0.931848658 1.135846155 0.931997549 1
0.775531119 1.308162623 0.700306109 1.014795441 1 1.345016835
1.12194003 2.216273055 1.437808963 0.915291306 0.875301328
0.904241751 0.780491782 0.889890967 1 1.408843836 1.423784788
1.156981193 1.440936745 0.846525625 0.907332196 0.806000145
1.084667527 1.065634415

YOR383C "YOR383C::FIT3::FIT1, FIT2, and FIT3 code for mannoproteins that are incorporated into the cell wall via glycosylphosphatidylinositol anchors." 1
1.150494572 0.96828636 0.75504925 0.651184276 1 1.051157557
1.007829339 0.94079136 0.772743718 1 2.078590287 1.764252437
2.367288928 0.732460011 1 3.094578432 3.712367443 4.544398497
2.333220887 1 2.074595832 2.263632317 2.014024683 1.510506523 1
1.712304919 2.550391603 4.573358451 2.309596127 1.644237957 1
2.48806567 9.396240566 14.59273989 34.14874626 7.585119839 1
3.143132946 5.319517649 7.369739155 1.71611779 1.338829134

YDR116C YDR116C::YDR116C::molecular_function unknown 1 0.793716521
0.86340608 0.970486853 0.884595305 1 0.836129998 0.919322046
1.03703804 1 0.851842215 0.8485648 0.930915643 1
1.216826617 0.562371588 1.07097228 1 1.161163805 1.348776389
1.564969642 1.467312134 1 1.105015478 1.111926557 0.960362415
0.937809675 1.035591064 1 1.014116245 0.929543055 0.858903289

0.70390011 0.838703828 1 1.262254925 1.035358518 0.835526284
 1.014989031 1.222821171 0.971942653
 YOR385W YOR385W::YOR385W::molecular_function unknown 1 0.747467703
 0.674293349 0.815815657 0.696831826 1 0.672012853 0.68256051
 0.696547846 1 0.876210543 0.884017847 0.862163845 1
 1.034698538 0.467533046 0.811645846 1.404139463 1 1.31013606
 1.670852539 1.210683564 1.439346192 1 1.157437499 1.048140525
 1.16051818 1.167516463 1.253773593 1 0.93047044 0.986576699
 0.743348433 0.923716302 1 1.215207829 1.332983885 0.898489979
 1.05354487 1.280855567 1.063883189
 YDR118W YDR118W::APC4::subunit of the Anaphase Promoting Complex; all known
 APC subunits co-immunoprecipitate with epitope-tagged Apc4p 1.108158271
 1.11148638 1.137154437 1.098403197 1.21557085 1.076414381
 1.131532883 1.072996512 1.200809462 1.119064553 0.861233129
 1.14933311 1 1.356638799 1.246802881 1.34628857 1
 1.085132772 1.175669817 0.993687584 0.957476614 1 1.035357301
 1.161017216 1.244160173 0.963559879 1.186834727 1 1.059090532
 0.952688131 1.163496353 0.855890056 0.824905639 1 0.982341833
 1.064563341 0.977165247 1.137029546 1.03936572
 YDR120C "YDR120C::TRM1::N2,N2-dimethylguanosine-specific tRNA
 methyltransferase" 1 0.741545862 0.54287386 0.595502265 1
 0.66901014 0.614305894 0.741215311 1 0.677526837 0.392007903
 0.238513567 0.897215439 1 0.454537207 0.290182917 0.387173684 1
 0.525196185 0.362683896 0.658748449 1 0.840286556 0.625306391
 0.723594181 0.943434881 0.999944825 1 0.746243909 0.406984605
 0.436476168 0.918740586 0.620451338 1 0.569072972 0.356356244
 0.685473021 0.674314433 0.372807788 0.633076143
 YDR122W YDR122W::KIN1::Serine/threonine protein kinase 1
 1.022737631 1.249610967 0.713883468 1 1.140980956 1.345754929
 0.775381539 1 1.479703918 1.609589394 0.895303373 1.121987377 1
 0.712866477 1.342506096 0.748000629 1 0.808948177
 1.095939839 1 1.037316928 1.284944281 1.545781705 1.039710943
 0.980707149 1 1.15956422 0.937187439 1.566851933 1.066972067
 0.62152679 1 1.238610897 1.051763224 1.206879847 0.733820544
 1.090332904 0.931663945
 YDR124W YDR124W::YDR124W::molecular_function unknown 1
 1.081623196 1.204437237 1.142734086 1 1.033299298 1.069383788
 1.174722878 1.084399926 1 1.23374111 1.400079425 1.422143534
 1.137687527 1 1.087588498 1.707745829 1.357373048 1
 1.101631042 2.103157731 1.780219246 1.466428083 1 1.081497777
 1.167657435 1.245474031 1.046115692 1 1.079577708 1.330296631
 1.564226692 1.217212576 1.691110787 1 0.98328142 1.25347429
 1.164051519 0.310693388 1.429782634 0.889634012
 YDR138W YDR138W::HPR1::Hyperrecombination protein that suppresses
 intrachromosomal excision recombination 1 1.127717825 1.017175932
 0.901454443 1 1.002540042 1.13282511 0.739824987 1
 1.154196361 1.156651294 0.698906472 1.052201396 1 1.828293658
 1.486959763 1.371890368 1 1.168578555 1.736027158 1.893512902
 1.27218683 1 0.91751017 0.710655399 1.086106429 0.956665257
 1.104292931 1 1.040086027 0.686534481 0.672442842 0.718094135
 0.557460526 1 0.98437854 0.940029172 0.892956813 0.830040694
 0.790688469
 YDR140W YDR140W::FYV9::Function required for Yeast Viability on toxin
 exposure 1 1.025717122 0.818824298 1.217274133 1 0.753930761
 0.759482446 1.198671079 1.172759282 1 0.851659227 0.938970687
 1.270231389 0.964670445 1 0.972206812 0.818735833 0.924473112
 1.306850855 1 1.423100815 2.273322199 1.770314666 1.409908578 1

1.085787136 1.041364939 0.749748988 0.753552233 0.810921438 1
0.908493365 1.386585857 1.182318715 1.196379958 1.80775506 1
1.215051847 1.361576695 1.088730555 1.073035834 1.184595205 1.191724213
YOR387C YOR387C::YOR387C::molecular_function unknown 0.747391201
0.872334557 0.751394102 0.949599958 0.763969347 0.853442825
0.994937845 0.80777346 0.912809745 1.501607271 0.890880016 1
1.34074192 0.649283831 0.513620576 0.475088596 1 1.66879798
1.12343993 1.058340328 0.504689549 1 1.357491233 1.441217963
1.312045908 1.456573997 1.457788916 1 0.986509269 1.33295789
1.175796681 0.966598912 1.670834558 1 1.233329048 1.641033845
1.541301717 1.400151218 1.78231286 1.257396055
YOR389W YOR389W::YOR389W::molecular_function unknown 1 0.617854341
0.550490141 0.579376791 0.477225848 1 0.69998934 0.700186949
0.723952765 1 1.066936185 0.801905625 0.668442712 0.945794256 1
1.288357363 0.413268337 1.031295073 1.153192989 1 1.641768324
1.110735387 1.207678817 1.666448264 1 1.151962726 1.482549177
1.933872588 1.611812946 1.207939593 1 1.09176753 1.189734135
1.554360341 1.472432257 0.667475413 1 0.971222893 1.035774257
1.054734659 0.625953562 0.867987574 1.50432208
YOR391C YOR391C::YOR391C::molecular_function unknown
1.291697231 1.463044602
1 0.552035233 0.853908551 2.40053671 2.65199219 1 1.030716504
3.307793502 2.344886621 1.925027862
0.658327958 1 0.742120355
0.231223509
YOR393W YOR393W::ERR1::enolase homolog 1.414748823 0.941802511
0.947069665 0.55115957 1.237363962 0.64791521 0.683942335
1.391299381 1.433206555 1.280748285 0.641237767 1 1.297666898
1.870418209 0.70068902 1 0.822755983 0.299562441 0.205788133
0.532001161 1 0.76426463 0.698189412 1.041085039 1.082706475 1
2.350793174 1.652508468 1.842473891 2.073377385 1.165133455 1
0.689797476 0.306408237 0.991915046 0.081635976 0.650716681 0.935166396
YPL013C YPL013C::YPL013C::molecular_function unknown 1 0.692541139
1.32700314 0.795151941 1.347223732 1 0.761913534 1.033023054
1.48131536 1.35951447 1 0.862924535 1.160574166 1.593325238
1.048238222 1 1.058472518 0.658253947 0.619022068 1.299296442 1
1.884386861 2.802141588 1.768431123 0.871205531 1 0.734450027
0.783897552 0.816111059 1.210870075 0.877086512 1 1.084713351
0.758061008 1 0.927368297 1.317621868 0.7794775
0.853992526 0.495758056
YPL013C YPL013C::YPL013C::molecular_function unknown
0.854263542 0.81118778 0.914236197
0.752314384 0.844058143 0.799299162 0.77633826 0.303874213
1 1.075308607 1.275716964
0.878464738 0.652221855 1.100106108 1 1.818065606 1.12447343
1.650729463 2.024964744 1 1.133988096 1.708500651 1.144062779
1.727859796 1.729914805 1.685576158
YPL015C YPL015C::HST2::Homolog of SIR2 1 1.274947319 0.90945494
0.77256086 0.492176718 1 1.048494519 1.022157075 0.592945866
0.629880372 1 1.265313783 1.264556402 1.115915345 0.645250439 1
1.497852183 1.005927479 0.662949245 1 1.194816005 0.774475528
0.644823565 0.947072393 1 1.008853574 1.05638214 1.343917933
0.934561223 1 0.923730061 0.852872076 1.084903613 0.920633238
0.604502074 1 0.734333218 0.600637429 0.783089172 0.405750411
0.570019404 1.016599476
YDR142C YDR142C::PEX7::May serve as intraperoxisomal receptor for type 2
peroxisomal proteins (such as thiolase) 0.957941282 1.076183002

0.891840772 0.995218448 0.916050579 0.930135989 0.941659748
0.980178844 1.05031295 1.231668587 0.988778881 1 0.760516606
0.613892947 0.686913769 0.946988016 1 1.200481443 1.185928706
1.142987761 1 0.965986282 0.976653592 0.881047145 0.934582526
0.954483093 1 0.914593846 1.003725825 0.827093654 0.811677952
1.114470358 1 1.206790671 1.115474567 1.098103335 0.820538704
1.405240427 0.917653933
YPL017C YPL017C::YPL017C::molecular_function unknown 1 1.121474255
1.023260437 0.811441951 0.658320406 1 0.924246301 0.980629942
0.846504246 0.921491845 1 1.040831954 1.185170473 1.363933911
0.870027133 1 1.298442942 1.186724591 1.921277085 1.434442715 1
1.109220762 1.942517628 1.444544195 1.261873531
0.919138153 1 1.943779949 2.010680198 2.138307747
1.656034113 1.012421885 5.998024316
YPL017C YPL017C::YPL017C::molecular_function unknown 1.033049777
0.795001834 0.923167785 0.897149444 0.836967111 0.84268725
0.977591483 0.698060923 0.701266358 0.851884582
1 1.134796792
1.245403174 1.208738896 1.128946515 1 0.660117291 0.726095749
0.919951893 1.045095211 0.624618867 1 0.849150293 0.750665692
1.115806494 0.405553414 0.69971784 1.939507085
YDR144C YDR144C::MKC7::protease involved in protein processing that shares
functions with Yap3 and Kex2 0.859438343 0.952051877 0.833018775
0.785133124 0.79423759 0.860033098 0.938085846 0.811561995
0.771604463 0.915982918 0.839030382 0.820392782 1 0.705319801
1.760318481 1.250739822 0.856227795 1 0.596745015 0.724250218
0.636722995 1 1.05225032 1.072799217 1.272937533 1.072106438 1
0.867205797 0.700785411 0.810618177 0.84450467 0.697035577 1
0.679337772 0.75126585 0.702145966 0.51956731 0.759510711 1.032360714
YPL019C YPL019C::VTC3::Phosphate metabolism; transcription is regulated by
PHO system 1 0.996742596 0.70839795 1.255569622 0.709995006 1
1.098170308 1.00978809 0.90699567 0.798886584 1 0.778496616
0.889283134 0.424856311 0.926905399 1 0.955720065 0.697570502
0.797757884 0.576155306 1 0.566981799 0.649232774 0.399080557 1
0.908478051 0.816508066 0.959295889 1.08210419 1.059311054 1
0.976416498 0.554565782 0.82800194 0.768159225 0.469997699 1
0.955486178 0.782844614 0.950077921 0.637018255 0.635591012 0.662847393
YDR146C YDR146C::SWI5::transcriptional activator 0.83850644
0.911054414 1.065593148 1.013232882 1.046069019 1.02808554
0.758283898 1.030815383 1.093679419 0.709319554 0.889900981 1
0.854859155 0.667693687 0.661428919 0.287853216 1 0.607233052
0.769187765 0.76029369 0.313518392 1.031699926 1.055699906
0.8941385 1.058754067 1.169297587 1 0.760624921 0.470889153
0.514382354 0.793901588 1.056954036 1 0.749887814 0.552995874
1.092300117 0.692312243 1.433925831 0.738151027
YPL021W YPL021W::ECM23::ExtraCellular Mutant; similar to SRD1. Negative
regulator of pseudohyphal growth. 1 1
1 0.364840662
0.255476489 1 1.16951114 0.95849551
1 1.017745428 2.134244217 3.573053158 1.714364659 1
1.554659111 1.904776134 1.89171409
YPL023C YPL023C::MET12::Gene encodes mthfr which catalyzes step before
methionine synthesis. 1 0.756761965 0.708590071 0.754477996 0.447371846 1
0.934133709 1.009957977 0.584424281 0.621035866 1 1.025222494
0.990116691 0.733677723 1 1.080955686 0.784637896
0.549018034 1 1.971700756 1.310720861 1.363946939 1.540660437 1
0.854217284 0.992639016 1.346250842 1.149610429 1.058867441 1

0.858948787 0.597995967 0.744282329 0.796859054 0.521369444 1
 1.070856462 1.100212587 1.45970628 1.032543933 1.550242983 0.823962171
 YDR148C YDR148C::KGD2::dihydrolipoyl transsuccinylase component of alpha-
 ketoglutarate dehydrogenase complex in mitochondria 1 0.86354028
 0.900179725 1.141626095 0.831674286 1 1.100105128 1.246998098
 1.028598749 1 0.823357843 1.027673553 1.244043834 1.039377 1
 1.906035271 1.419128145 2.226723107 1.535783279 1 1.542198767
 1.023637276 1.424914249 2.162073508 1 0.969518093 0.798059639
 0.938605307 1.09431793 1.022508916 1 0.915895493 0.525558536
 0.653586432 0.620571803 0.539455023 1 0.86795748 0.611347839
 0.67327006 0.776011296 1.428212909 0.854609034
 YDR162C "YDR162C::NBP2::interacts with Nap1, which is involved in histone
 assembly" 1 1.552910532 1.161533903 1.331063 1.121540607 1
 1.094948758 0.974304434 1.406920492 1.437370858 1 1.092081812
 0.683045901 0.977472824 1.439787761
 1 0.93012831 1.039282524 1.137672657
 1.179671927 1 1.090683817 0.901781633 1.236529491 1.316436392
 1.218984266 1 0.778011374 0.907598646 0.953815129 1.003594116
 0.588248243 0.911524592
 YDR164C YDR164C::SEC1::Hydrophilic protein involved at the late stage of
 secretion 1 0.773518021 0.803985028 1.089320428 0.839112542 1
 0.970059074 1.0595092 0.887946828 0.815187798 1 0.842727221
 0.899217153 0.65753878 1.094033534 1 1.282826575 1.382971383
 0.901281282 1 1.532368544 1.241844766 0.768848629 1.150463275 1
 0.876650747 1.001882284 0.930496965 0.907196557 0.981580966 1
 0.99060661 0.926764728 0.847045672 1.229891182 0.778813341 1
 1.029899133 0.953979604 1.115829358 0.918595962 0.887016676 0.655842387
 YDR166C YDR166C::SEC5::107 kDa component of the Exocyst complex; required
 for exocytosis. 1 1.148276272 1.130513211 1.29594421 1.24484396 1
 1.257656929 1.199971271 1.133952975 0.966873929 1 1.095046816
 1.213728415 0.928334361 1.381379246
 1 0.949224019 0.984108431 1.001002666 1.002282888
 1.007680184 1 1.080757964 1.012526238 0.75126394 0.965409782
 0.838100532 1 1.082658993 0.926644429 1.111762603 1.00677635
 0.918646519 0.865116491
 YDR166C YDR166C::SEC5::107 kDa component of the Exocyst complex; required
 for exocytosis.
 1 0.742452206 0.943805018 1.058355033 0.982482234 1
 1.152681323 0.781295944 0.888525934 1.167104228 1 1.287497627
 1.254147835 0.802869166 1.410270263 3.808088756
 YDR168W YDR168W::CDC37::cell cycle protein necessary for passage through
 START 1 0.715729164 0.980056458 1.302228704 0.801124043 1 0.972062844
 0.898843813 1.048771445 0.929655618 1 0.91702552 1.381199439
 1.421168399 1.33691567 1 0.919169848 1.392966547 2.387602168
 0.762462681 1 0.6055142 0.744780804 0.596886135 0.399208108 1
 1.183977762 1.507043347 1.137135159 1.876944687 1.538665225 1
 0.833706233 0.395061483 0.687264642 1.3525796 0.27480041 1
 0.423491775 0.323421242 0.385145553 0.20501774 0.59456599 0.359005837
 YDR170C YDR170C::SEC7::Involved in protein transport at multiple stages of
 the secretory pathway 1 1.409860193 1.255970207 1.426277786 1
 1 1.40527083
 0.707581825 0.613907463
 0.738800934 1.017154901 1 1.14302673 0.980358807 1.52827845
 0.964489187 0.787031036
 YDR170C YDR170C::SEC7::Involved in protein transport at multiple stages of
 the secretory pathway

		1	0.934899653	0.987074526	1.101414233	1.150942601	
	0.928455287	1	1.077180961	0.79278812	0.703895639	0.950713223	
	0.462918491	1	0.944913163	0.955601997	1.027469426	0.855099354	
	0.817198952		0.664598619				
YDR172W	YDR172W::SUP35::altered form creates [PSI] prion						1
	1.472224039	1.234786823	1.472041636		1	1.303257764	1.396040613
	1.222492699		1	1.28831333	1.433979239	1.177193656	1.717430823
						1	
	0.979790591		0.877170803	1.223348927	1		0.79189387
	1.181760287		1	0.967497389	0.904146563	1.006009194	0.77440795
	0.942585146		1.021853256				
YFL035CA	YFL035CA	1	0.887908992	1.076259585	0.981242904	1.369954756	1
	0.870488862	0.863860454	1.384229368	1.344881377	1	0.565826105	
	0.72420989	0.842679456	0.93884727	1	0.296369965	0.371036631	
	0.433195325	0.722179082	1	0.582659112	1.017303007	1.048514805	
	0.711303267	1	0.735956259	0.787060896	0.514396227	0.746593619	
	0.863332705	1	0.658578305	1.431090755	0.656091047	1.136992372	
	2.082669316	1	0.752753457	1.107118091	0.94512938	1.81059892	
	1.040375477		1.300301653				
YMR158WA	YMR158WA::YMR158W-A::molecular_function unknown				1		1.294202028
		1	1.590291368	1.608450195	1.522449689	1	
	1.513544032	2.328439167	1.729966497	1.784104516		0.572390349	
	0.638504932	0.852117547	0.676647127	1	0.975095836		1
	0.995344494	1.02296431	0.914021104	0.905628088	1.060486626	1	
	1.176174341	1.307805079	0.949797092	1.378820281	0.946652584	1	
	1.267214484	1.171808985	1.220746222	1.166293127	1.052045404	1.197853659	
YAL035CA	YAL035CA::YAL035C-A::molecular_function unknown				1		1.250299846
	1.293877473	1.253187664	1.283737776	1	1.255215494	1.171239781	
	1.285851385	1.121784545	1	1.204272611	1.106596664	1.147886466	
	1.107651899	1	0.707827234	0.381963826	0.485738405	0.71394292	1
	1.197626627	1.055839612	0.769298331	0.770987147	1	0.714693664	
	0.615571784	0.560108056	0.611466036	0.809715572	1	1.149399207	
	1.112829136	0.854577318	2.281554886	1	1.183527807	1.647252598	
	1.255746634	1.632000297	1.580057313	1.086649433			
YKL096W	"YKL096W::CWP1::cell wall protein, involved in O and N glycosylation, acceptor of B1-6 glucan."				1	1.128099954	1.210371335
		1	1.128099954	1.210371335	1.092243589		
	1.025368139	1	1.39358793	1.697808425	0.950993625	1.187100489	1
	0.84539397	0.962078935	2.00599178	0.81707324	1	2.26355905	
	1.504681978	2.959509482		1	0.882883449	0.803610109	1.30389166
	0.82065197	1	1.081718707	0.805986376	0.920712623	0.872048627	
	1.263438622	1	1.391993209	1.035457495	1.14345326	0.476647244	
	0.294924719	1	1.067626612	0.744945933	0.365558072	0.72100049	
	1.271302231		0.791564082				
YAL068C	YAL068C::YAL068C::molecular_function unknown				1		2.278262374
	2.028668613	1.736541053	2.108726257	1	1.945524369	1.653795666	
	1.809463592		1	1.820472133	1.699650293	2.413921348	1.617426123
		0.371187569		1	0.653757428	0.630841714	1
	1.070213219	1.258066865	1.053882175	0.976991677	1.007289217	1	
	1.030463702	1.307801407	1.556649528	0.973803401	1.462772666	1	
	1.028463281	1.489917026	1.313000012	1.125065698	1.272401377	1.337077805	
YKL097WA	YKL097WA	1	2.008967379	1.911347826	1.051377808	2.453460149	1
	1.273084607	1.270170017	1.500391833		1	1.346959007	1.134918064
	1.87857132	1.177882897	1	0.781901454	0.482535965	0.821706028	
	1.105551233	1	0.527527569	0.955753897	0.850942189	0.594542639	1
	2.42516108	1.540720637	0.699284544	1.681027255	1.337853014	1	

0.978702783 0.639329746 1.827052065 1 1.062885464 0.930871062
 1.809624015 1.361484677 1.320441006
 YKL099C YKL099C::UTP11::part of small (ribosomal) subunit (SSU) processosome
 (contains U3 snoRNA) 1 1.040584579 1.049931538 1.124832789 1.580653465 1
 0.870600328 0.825416538 1.234287957 1.494830375 1 0.561554536
 0.516784327 0.558318161 1.211663205 1 0.537250107 0.365373093
 1 0.648888037 1 0.48813722 0.471073127
 0.37361587 0.455193179 0.633623721 1 0.995591354 0.960351958
 1.057890336 1.373080547 1.558559806 1 0.664937304 0.731505764
 0.782446274 1.614682817 0.40597525 0.827464674
 YKL101W YKL101W::HSL1::Histone Synthetic Lethal
 Negative regulator of
 Swe1 kinase 1 1.035973441 1.0434891 1.239766932 1.26598408 1
 1.027959205 1 0.865703727 0.978929625 1.480189727
 1.190410383 0.746434219 0.415827879 0.778955919 1
 0.884374718 0.973972175 1.089372945 1 1.058121063 0.865666932
 0.918376307 0.821078721 1.0453909 1 1.22690878 0.955192259
 1.465081872 1.228281507 0.67807023 1 0.909653167 1.072640766
 1.002995739 0.968618004 0.830436655 1.483307061
 YKL103C YKL103C::LAP4::vacuolar aminopeptidase ysc1 1 0.820373295
 1.160214814 1.500299418 1.029885175 1 1.271463431 1.812324408
 1.269165988 1 5.378193748 7.988222022 4.67581734 2.17725798 1
 10.03661539 10.03243583 9.336890224 3.322536381 1 5.490371679
 3.578319687 3.430757849 1.995221186 1 4.523701938 11.43571427
 14.20138098 2.413343848 1.476099502 1 6.409216697 12.9499252
 34.53715065 19.89241223 2.391259171 1 8.085493725 11.39105295
 12.26809123 1.526369302 3.203445404 1.359844049
 YKL105C YKL105C::YKL105C::molecular_function unknown 1 1.219746655
 1.870687548 1 1.432503843 1.843920171 1.637099294 1
 1.189529131 1.404562287 1.491242127 1.570421546
 1 1.418021043 1.185271326 1.030695182
 0.880827643 1.089760339 1.152004758 0.73264965 1.207502172
 0.972665552 0.584409837 1 1.08904568 0.920021074 1.005851947
 0.888372291 0.979777215 1.61377508
 YKL119C "YKL119C::VPH2::Required for the biogenesis of a functional vacuolar
 ATPase (V-ATPase), but not part of the final enzyme complex." 1
 1.103248276 1.302848456 0.951903891 1.795898072 1 0.957677864
 0.87004004 1.281937393 1.393957329 1 0.883605113 0.892187298
 1.131910107 1 0.779153832 0.564230122 0.701934724 1.042956659
 0.523875136 0.812944687 0.435940726 1 1.006403031 1.230059185
 0.968971395 0.812332232 1.004704957 1 1.139482561 1.59005246
 1.479858797 1.166139122 1.524166798 1 1.446272129 1.9242946
 1.349024133 1.604383462 1.594531941 1.476302055
 YKL121W YKL121W::YKL121W::molecular_function unknown 1 1.273442338
 1.343056962 1.622498332 1.455361202 1 1.53637429 1.581318986
 1.221516245 1 1.384120408 1.570925453 1.228522963 1.34675895 1
 1.630858685 1 1.609733735 1 1
 1.088054392 1.157432166 0.970741558 0.840485313 1.01995321 1
 0.862506096 0.619984848 1.040131879 0.934872691 0.603158544 1
 1.182136184 0.943822596 1.01482338 1.056408562 1.127988269 0.892260903
 YKL123W YKL123W::YKL123W::molecular_function unknown 1 1.531814523
 2.069775923 1.452120094 2.263745592 1 1.415326166 1.355223972
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 1.182480708 1.08311161 1.188278403 1.30505705 0.410950934
 0.720133029 0.74146369 0.394629648 1 1.042418629 1.11510325
 0.881518218 0.722195453 1.047654098 1 0.885493028 1.185412788
 1.390567909 1.175673178 1.710702971 1 1.156708588 1.323141227
 1.283602745 2.017861293 1.851257832 1.354590372

YKL125W YKL125W::RRN3::Required for transcription of rDNA by RNA Polymerase
 I 1 0.764005254 0.8123375 0.978055177 1.038057357 1 0.825158446
 0.803701198 0.887513553 1.159427629 1 0.569634609 0.696109198
 0.707497572 1.030710448 1 0.774344198 0.589766171 0.853935624
 0.957158968 1 0.71328197 0.778556555 0.759179186 0.900727333 1
 0.660344359 0.881526223 0.857390062 0.828263777 0.87684568 1
 0.827243741 1.225778145 1.001088836 1.100301228 0.880039962 1
 0.684093576 0.875438359 0.861181138 1.08891452 0.562416975 0.830091564
 YPL037C YPL037C::EGD1::beta subunit of the nascent-polypeptide-associated
 complex (NAC); homologous to human BTF3b; GAL4 enhancer protein 1
 1.853778368 2.232500807 1.530625606 2.660473947 1 1.649223066
 1.456814878 2.606352174 2.095832725 1 1.60176465 1.573500177
 1.887633903 1.750289712 1 0.676910193 0.493986876 0.451804627
 0.896062337 1 1.389529693 1.613502836 1.353126464 1.065013613 1
 1.014075211 0.97562406 0.729043703 0.849720205 0.815344231 1
 1.075873996 1.606077364 1.00566505 0.76823178 1.717567509 1
 1.092634989 1.230214407 0.972043031 1.57409717 0.979939168
 YPL039W YPL039W::YPL039W::molecular_function unknown 1 0.969813033
 1.040115817 1.130988194 1.211692244 1 1.012387921 1.359230072
 1.34817766 1 0.916413163 0.852093726 1.067285536 1.579685215 1
 0.726448376 1.126407768 1.272914314 1 1.301633894 1.613011222
 1.100788415 1 0.932058561 0.927285966 1.04050328 1.137249572
 1.082321341 1 0.84257349 0.811904587 0.823268492 1.036450068
 1.619271416 1 0.913093819 0.730663198 1.127013542 0.732502772
 1.082239075 0.927285829
 YPL041C YPL041C::YPL041C::molecular_function unknown 1 1.536567107
 1.180916289 1.019542835 1.205354499 1 0.963981219 0.950463776
 1.332899163 1.274490899 1 1.306243599 1.024956839 1.534901021
 1.116696854 1 0.993741651 1.144501019 1.13878304
 0.394652597 0.297446257 0.719655926 0.236995206 1 1.095130045
 1.038204166 0.965748036 1.336782365 0.860641133 1 0.82228636
 1.000314748 1.137210813 0.918447467 1.333561673 1 1.222359959
 1.084665713 1.162068071 0.914708053 1.115545019
 YPL043W YPL043W::NOP4::RNA recognition motif-containing protein 1
 0.670615418 0.635882257 0.835145141 0.709979026 1 0.730257355
 0.695818349 0.817353767 0.910215537 1 0.449373372 0.337702787
 0.296280634 1.030339283 1 0.191205585 0.295794552 0.362524222 1
 0.42864214 0.41328089 0.565989809 1 0.652443905 0.555964966
 0.552441002 0.765858227 0.855083511 1 0.83846569 0.643541509
 0.5681806 1.044578889 0.77830026 1 0.572440053 0.588200284
 0.716071323 0.882829863 0.385529426 0.628698027
 YPL043W YPL043W::NOP4::RNA recognition motif-containing protein 1
 0.547666934 0.512293548 0.678822524 0.645459643 1 0.58679907
 0.515693604 0.574458525 0.812746866 1 0.385941663 0.280377742
 0.228383395 0.807665719 1 0.258682023 0.152971785 0.266574815 1
 0.28746519 0.293097587 0.306908741 0.470862258 1 0.601832381
 0.468587525 0.530880093 0.663634484 0.744565868 1 0.569080897
 0.408638536 0.368567035 0.902360604 0.92689469 1 0.489447944
 0.495874961 0.81494892 0.839254898 0.505979435 0.840599021
 YPL045W YPL045W::VPS16::vacuolar sorting protein 1 0.780988717
 0.838779194 0.976637603 0.973834636 1 0.935580809 0.956376101
 0.73973137 1 0.81172735 0.876196979 0.829299759 1.030691015 1
 1.091202816 1.134708442 1.042173423 0.813503142 1 1.382447571
 1.98969169 1.299923476 1.0792683 0.905019953 0.986669897
 1.005428478 1.043947315 1 1.092920565 0.949051114 0.956858551
 1.366653992 1.22783467 1 1.193142237 1.103037796 1.207952936
 0.957807441 1.136240229 1.101535006

YPL047W YPL047W::YPL047W::molecular_function unknown 1 1.153619053
1.135731703 0.949063425 1.236351664 1 1.04372523 0.969420456
1.279795881 1.368809201 1 1.072812041 0.971841678 1.296612378
1.237558982 1 0.98356143 0.519197676 0.605100144 1.111065658 1
1.662003997 0.639675323 1.696491833 1.384388383 1 1.029272096
1.213114031 1.268754787 1.289732764 1.362779193 1 0.921599317
1.197874026 1.181616706 1.017838957 1.189625165 1 0.934312808
0.857970772 1.03359118 0.588198377 1.090532288 1.465794598
YDR186C YDR186C::YDR186C::molecular_function unknown 1 1.635854771
1.646792581 1.730874788 1.95348476 1 1.476761575 1.233462249
1.464183962 1 1.364316596 1.562408969 1.768546407 1.364930226 1
1.274692057 1.215081467 1.175393157 1.148229472 1 0.935413647
1.972304394 1.214870995 1 1.266961903 1.244471131
1.270132509 1.140608774 1 1.234196117 0.878294464 1.406247733
1.027558016 0.883461984 1 0.750350787 0.796508249 0.734910419
1.041532297 0.770863904 1.053375628
YPL061W YPL061W::ALD6::Utilizes NADP+ as the preferred coenzyme. Activated
by Mg2+. 1 1.098882184 0.929793231 1.157892809 0.687226498 1
1.236442603 1.366286676 0.696703407 0.671451014 1 0.884076611
0.850335786 0.754486948 0.613701381 1 3.369407216 6.295951189
2.412448728 1 1.540278383 1.101012735 1.93543953 2.637140587 1
0.693491582 0.640810102 1.14428884 0.760911369 0.697985549 1
0.50497478 0.493503739 0.881383738 0.501312287 0.332066074 1
0.745995895 0.708790893 1.968557621 0.841078851 1.200285146 0.776678509
YDR188W "YDR188W::CCT6::cytoplasmic chaperonin of the Cct ring complex
(previously called TCP1 or TRiC), distantly related to Tcp1p and to Hsp60" 1
1.030683251 0.896923271 0.999749245 0.684810417 1 1.102838121
1.061307515 0.907256416 1 0.952579055 0.904909234 0.868405027
0.807994295 1 1.171318103 1.022635652 1.035967258 1.011807084 1
0.766990079 0.726312469 0.614059488 0.774913195 1 0.978901009
0.853422348 1.009019534 1.067441368 1.019280218 1 0.833198658
0.658993431 0.764134244 0.713035874 0.593871987 1 0.775147262
0.631930375 0.9494798 0.768460175 0.659098716 0.851982143
YPL063W YPL063W::YPL063W::not yet annotated 1 0.928752417 0.965777791
1.002081616 0.707007897 1 1.032897335 1.107763208 0.878553463
0.759812174 1 0.972539683 0.824632365 0.78076248 0.758291777 1
0.892057264 0.829808308 0.627119502 0.764987646 1 1.104372947
0.666254173 1.021496651 1.121546679 1 0.953769992 0.91784997
0.887011865 0.915866549 0.851425034 1 0.852617931 0.721193953
0.736827025 0.637264605 0.689349443 1 0.872602694 0.816681914
0.917652044 0.770996437 0.779334751 1.186470537
YPL065W "YPL065W::VPS28::soluble, hydrophilic protein involved in transport
of precursors for soluble vacuolar hydrolases from the late endosome to the
vacuole" 1 0.904081036 1.235305232 1.073517649 1.571727727 1
0.996560102 0.868845382 1.486292461 1.209450189 1 0.977487513
0.998532007 1.271899874 1.316847253 0.839505841 0.658189132
0.589596464 0.870564289 1 1.322642681 1.266450984 2.781024411
1.450348904 1 0.971190914 1.1813515 0.686212178 0.614106689
1.056203064 1 0.852803792 1.44665972 1.521904968 1.422773552
2.192699705 1 1.240533886 1.296103794 1.348694125 1.27703131
2.199191113 1.513078311
YDR190C "YDR190C::RVB1::RUVB-like protein, TIP49a Homologue" 1
0.787311385 0.740693411 0.922877171 0.890956594 1 0.81406116
0.745416753 1.0717602 0.920576832 1 0.606320717 0.653091223
0.476745062 0.862555816 1 1.040422679 0.463976837 0.690839577
1.1969457 1 0.755984584 0.495646567 0.704779952 0.891559442 1
0.969937507 0.986465617 1.100257883 1.054813326 1.254371608 1

1.072313563 0.789202218 1.133924136 0.947890558 0.742612654 1
1.00438019 0.682572845 0.907283727 0.883787651 0.644911632 0.769673503
YPL067C YPL067C::YPL067C::molecular_function unknown 1.480007001
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0.947360665 0.904489004 1.217688309 1.216374525 1.328659501
0.770464343 1 0.77738815 0.577875488 0.837999747 1
1.320751926 1.424861886 1 1.066899352 0.920026862
1.190841422 1.244802875 0.910982333 1 0.672421191 0.535728602
0.665894123 0.639849087 0.558569906 1 0.705840736 0.569090356
0.975462188 0.25150232 1.009009258 0.800320314
YDR192C YDR192C::NUP42::interacts specifically with the HIV-1 Rev protein
effector domain;
 Ulp1 Interacting Protein 1 1 0.968894887
0.896131396 0.916068581 0.928834689 1 1.004985895 1.003335306
0.874918062 1 0.919133934 1.01392786 1.016997504 0.961512465 1
0.766633738 0.911683953 1 1.091617424 1.008930052
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1.030457761 1 1.04903803 1.112652516 1.271213372 0.929316751
1.165270459 1 1.130483221 1.392805582 0.933523708 1.2940543
1.069998437 1.008718805
YDR194C YDR194C::MSS116::Mitochondrial RNA helicase of the DEAD box family
1 0.599601194 0.621181973 1.046422631 0.888208504 1 0.798745627
0.932305319 0.705604336 0.766010025 1 0.631387008 0.558959922
0.487196168 0.664505416 1 0.831436939 0.645487015 0.7578625
1.03303509 1 0.773168274 0.975641434 0.932282865 0.848133792 1
0.874127434 0.862201031 0.896145844 1.202732363 1 1.146887258
0.845234157 0.720367506 0.713729266 0.511512169 1 1.001087497
0.910851754 1.035832247 0.645334878
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1.603413766 1.750146942 2.890363872 1.147293924 0.884477248
0.749661876 0.700988255 1.079351636 1 1.208832131 1.521955901
1.423032595 1.23154904 1.746933333 1 1.36296676 1.324768158
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YAR002CA YAR002CA::ERP1::Emp24p/Erv25p related protein 1 1.997752471
2.121083923 1.930985665 2.162792439 1 2.080106601 1.728407644
1 1.564901901 1.610347371 1.662236144 2.138901732 1
1 0.772731843 1 1.299951995 0.929053629
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0.954302723 0.845661288 1.205232912 1 0.881664307 0.996477459
0.878488861 0.896462973 0.716955448
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0.905683967 2.026124023 1.144849511 1.102410567
YMR251WA YMR251WA::HOR7::hyperosmolarity-responsive gene 1 1.440775133
1.884805808 2.055542581 1 1.567306586 1.943166316 1.924320989 1
1.584386676 1.77948152 2.417303742 1.877743757 1 1.333529918
1.567316314 2.115370365 2.186665727 1 1.400627451 1.575040009
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 1.986334586 3.531368318 1.618153195
 YDR212W YDR212W::TCP1::tailless complex polypeptide 1 1 1.17254836
 1.04058414 1.353638406 1.11846903 1 1.272779475
 1.136925185 1 1.209797681 1.11281947 0.93983511 1
 1.065339129 0.991961809 1.461814476 0.689186873 0.715660144
 1 0.821189161 0.868222078 1.046458307 0.971963207
 0.84590898 1 0.892606108 0.887344739 1.156037606
 1.089081534 0.785434741
 YDR214W YDR214W::AHA1::Activator of Heat Shock Protein 90 ATPase 1
 0.856298222 1.132102006 1.171731479 0.95253338 1 0.981269177
 1.213613663 1.184330958 1.125806934 1 0.922429396 1.230074528
 2.089041179 0.854404802 1 1.70391941 1.682652706 3.041460514
 3.27239602 1 1.523863755 1.764607085 3.181557114 2.868053453
 1.156944029 0.803761091 0.854486702 1 0.570785297
 0.428265053 1 1.229849692 0.79170235 0.402105669 0.64106793
 0.517701807 0.83184279
 YDR216W YDR216W::ADR1::Positive transcriptional regulator of ADH2 and
 peroxisomal protein genes 1 1.526620281 1.81987494 1.170688514
 2.268899542 1 1.228375701 1.192720069 1.73512595 1.588426831 1
 1.025851166 1.338846645 1.371204106 1.128126327 1 0.619740151
 0.359335293 0.246911861 0.87034652 1 1.568952878 1.522295194
 0.756144889 0.723026181 1 0.763236249 0.688083046 0.435078733
 0.522102909 1.000376225 1 1.177580957 1.948635027 1.046610471
 0.937119973 1.789445308 1 1.405139893 1.785529353 2.751742414
 1.480213641 1.31606289
 YKL127W "YKL127W::PGM1::phosphoglucomutase, minor isoform" 1
 1.013690095 0.836548985 0.975429745 0.664328953 1 1.084346145
 1.010212349 0.742811052 0.737303826 1 1.005027977 0.943663757
 0.744685678 0.837172739 1 1.336154851 0.857275875 1.06890511
 0.744850462 1 1.091761864 0.641256659 0.511068044 0.473432261 1
 1.316853447 1.249351791 1.422826748 1.478749117 1.006713257 1
 1.090352911 0.882390631 1.628625421 0.842178621 0.441760048 1
 1.141676098 0.821615463 0.498879254 0.833137339 0.607687526 0.726767905
 YKL129C YKL129C::MYO3::myosin I 1 1.066244684 1.138183512 1.186505943
 1 1.053873773 1.142124403 1.055231956 1 0.998047912
 1.231535993 0.983093412 1.184894085 1 1.005897478 0.843880299
 0.887554582 1.104058993 1 1.203743781 1.102615247 0.849055521
 0.509249761 1 0.900350424 1.195278766 0.927009258 0.984749806
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 0.803289282 1 1.083840444 1.140041948 1.36364849 1.154475414
 0.972818213
 YKL143W YKL143W::LTV1::Protein required for viability at low temperature 1
 0.70432755 0.665345453 0.81879472 0.872354369 1 0.550747608
 0.576996395 0.875990649 1.233197122 1 0.49211367 0.283517992
 0.286358399 1.009559705 1 0.293226796 0.195616847 0.419297136 1
 0.496264867 0.326148111 0.141951003 0.405611529 1 0.619279614
 0.456267116 0.463656815 0.65907305 0.7083957 1 0.75048155
 0.571443829 0.495438337 1.221509191 0.955104823 0.822663798
 0.681925773 0.978044182 1.615481486 0.471748021 0.80995221
 YKL145W YKL145W::RPT1::Required for degradation of ubiquitinated substrates
 and for anaphase chromosome separation 1 0.86351585 0.953009731
 1.276078263 1.04774462 1 0.987141063 1.082211892 1.003333693 1
 0.963533858 1.319747592 1.0658903 1.037235723 1 0.994400824
 1.102396265 1.183808715 1.427573496 1 1.26242809 0.866478989
 1.326499574 1.314860771 1 1.165200814 1.308878878 1.652340994
 0.957158474 1.429232785 1 1.195560199 1.509456274 2.429172777

	1.433458993	0.46484263	1	1.610519086	1.404012805	1.657085655		
	1.05976387	0.915424953	1.373854061					
YKL147C	YKL147C::YKL147C::molecular_function unknown						1	1.01959595
	1.315750906	1.273981901	0.97327165	1	1.385425879	1.505540147		
	0.999363625	1.433052265	1	1.502719681	1.389934959	1.137322136		
	1.238296607	1	1.013101415		0.688156498	0.486767003	1	
	0.955771746	1.125880694		0.635235906	1	0.99510338	1.203265098	
	0.928398588	1.300852116	1.063467383	1	1.000314709	0.496422736		
	0.71860789	1.018984841	0.240891192	1	0.634498991	0.479567338		
	0.943720874	0.684227353	0.539665292	0.674230463				
YKL149C	YKL149C::DBR1::RNA lariat debranching enzyme						1	0.892967994
	0.938879165	1.029527624	1.366214644	1	0.955019198		1.117879607	
	1.263740771	1	0.787274263	0.833305808	1.116468622	1.071119112	1	
	0.639387073	0.612674427	0.861892434		1	0.779122306	2.129056741	
	1.799431399	0.785928785	1	1.049153393	1.100302051	0.973696217		
	0.886720348	1.114037031	1	0.875844476	0.859913081	0.904486434		
	0.859793134	0.951513141		1.159001498	1.184097066	1.01036756		
	1.259397287	1.062315384	2.337040378					
YKL151C	YKL151C::YKL151C::molecular_function unknown						1	0.947284181
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	1.648714357	2.024594878	1	1.207826971	2.12282356	4.317299075		
	2.233342454	1	1.927539598	2.594164486	3.637993723	4.944716085	1	
	2.61144869	3.598406969	6.772955994	4.017599633	1	1.066801682		
	1.385565689	1.768021943	1.034075822	1.132354108	1	1.17849083		
	1.648287475	2.460432162	2.49252377	1.201055707	1	1.113798756		
	1.266538902	1.395671936	1.187337568	1.339756865				
YKL153W	YKL153W::YKL153W::molecular_function unknown						1	1.410011861
	1.576759207	0.980040978	2.128859568	1	1.016099536	1.107344981		
	1.600130809	1.534229813	1	1.027857945	1.274553326	2.2256486		
	1.083331739	1	0.971403867	0.932436598	1.343791833	1.383304392	1	
	2.32659952	3.629404225	6.405163063	1.641737999	1	1.360484251		
	1.200454845	1.45079709	1.315639566	1.765154475	1	1.552334152		
	1.87373286	1.482216461	1.300890183	1.420881559	1	1.433709139		
	1.687633925	0.747918637	1.612314511	1.289476245	1.760004232			
YKL167C	YKL167C::MRP49::16 kDa mitochondrial ribosomal large subunit protein							
	1	1.013262468	1.560910726	1.116678671	2.043400206	1	1.154703181	
	1.13285688	1.491128601	1.620605791	1	1.118632977	1.180263924		
	1.856425576	1.09241451	1	1.208821187	0.867718169	0.812525116		
	1.412438005	1	1.358842662	2.103965525		1.226724106	1	
	1.189490828	1.438945834	0.678614453	0.749475282	1.03424688	1		
	1.160315743	1.895288663	1.338908505	0.991358623	1.977150221	1		
	1.312006891	1.59331227	1.044830108	1.902711984	1.86676534	1.570869482		
YKL169C	YKL169C::YKL169C::molecular_function unknown						1	0.883187134
	1.438737617	1.160264053	1.894550069	1	1.017630049		1	
	0.947666927	1.134601452	1.705195186	1.079356917	1	1.1443214		
	0.92923591	0.818115995	1.495293278	1	1.578035113	2.548796066		
	2.493696865	1.203831358	1	1.149174105	1.240932452	0.662532471		
	0.726128199	1.145235641	1	1.259092854	1.570753539	1.227382564		
	1.023213221	1.556100944	1	1.42322768	1.623746488	0.841807958		
	2.071383784	1.841900924						
YPL069C	YPL069C::BTS1::Required for membrane attachment of YPT1 and SEC4						1	
	1.014709729	1.148227431	0.9742354	1.423120876	1	0.968502802		
	0.891275584	1.244425692	1.106653468	1	0.956100379	0.91793162		
	1.108281168	0.978063424	1	1.205327358	0.321966988	0.532931586		
	0.653425427	1	1.005332415		1.144122378	1	1.016268017	
	0.983666232	0.846219228	0.775768116	0.952546724	1	1.011464609		

	0.996960455	0.943782143	0.901043235	1.009423141	1	1.060088726
	0.983832878	0.782950602	1.047660891	0.906270811		
YPL071C	YPL071C::YPL071C::molecular_function unknown				1	0.829085137
	1.178844631	0.880726517	1.53359407	1	0.778738422	0.809965559
	1.374878725	1.273235585	1	0.973869531	1.217138491	1.519387736
	1.224932568	1	1.254076461	0.874567114	1.010901082	1.598874531
	1.966596528	3.016270988	2.944500477	1.922365921		0.981484476
	1.262790153	0.776940688	0.672871176	1.323353992	1	1.137682437
	1.882490809		2.355337414	4.198635767	1	1.270203529
	1.280456628	1.164267594	1.673312106	1.830054085		
YPL085W	YPL085W::SEC16::multidomain vesicle coat protein that interacts with Sec23p					
	1	1.769231669	1.578587352	1.518824109	1.677438191	1
	1.369164116	1.596236594	1.626303027	1.762102183	1	1.540978909
	1.209978198	1.470653858	1.454770685			0.857497072
			1	0.889793539	0.807038026	0.738619897
	0.74167953	1.014172612	1	1.152671335	1.224028744	1.122078972
	1.20290511	2.10002093	1	0.888938633	1.253467761	0.820167564
	1.100854708					
YPL087W	YPL087W::YDC1::Yeast dihydro-ceramidase					
	1			1	1.230923399	
	1.109607132	1.186666782	1.237533699	1	1.254224431	1.20282401
	1.300592582	1.101031202	1	1.231477636	1.443076379	1.798890857
	1.053166157	1	2.989976287	2.737675543	2.87592356	2.469279031
	2.125565486	1.701776484	2.520608343	1.879977358	1	1.43268185
	1.770390603	1.878452805	1.202181309	1.122521939	1	1.140092823
	1.458149016	1.664587031	1.053443388	1.16223046	1	1.406105584
	1.970313339	1.141970484	1.396595502	1.935100627	1.921994622	
YPL089C	YPL089C::RLM1::serum response factor-like protein that may function downstream of MPK1 (SLT2) MAP-kinase pathway					
	1			1	0.916949408	0.902802299
	1.001379761	0.714935591	1	1.065679117	1.106111919	0.90905868
	0.835799172	1	0.943025786	1.006211032	0.888206865	1.026329798
	0.918972351		1.246728674	0.654984542	1	0.50997877
	0.670614873	1	0.692542142	0.69227494	0.795625446	0.722581773
	0.983724128	1	0.753111802	0.551284578	0.560988663	0.740776697
	0.645624963	1	0.83486376	0.836806886	1.004872279	0.787149584
	0.736151347					
YPL091W	YPL091W::GLR1::converts oxidized glutathione and NADPH into two glutathiones and NADP+					
	1	1.045192688	0.990243467	1.083773352	1.040547754	1
	1.083692428	1.04190862	1.002262151	0.983954999	1	1.700804439
	2.004096208	1.789207023	1.856117942	1	2.679638382	3.472796443
	3.153182704	1.25607392	1	1.580840515	1.154666465	1.305043107
	1.418601387	1	1.476849007	2.191577701	3.224148311	1.682014344
	1.057277709	1	1.868108363	2.70969133	3.269950066	2.144742424
	1.855725269		1.266947751	1.78327875	1.38365098	0.869400376
	0.988200329	1.460540817				
YDR218C	YDR218C::SPR28::Septin-related protein expressed during sporulation					
	1	1.522228459	1.446520559	1.251778951	1	1.117111083
	1.267479958		1.254242461	1	1.089051402	1.061741523
	1.345452776	1		1.019915567		
		1.010600344	0.951727064	0.900716614	0.910942165	
	1.046428817	1.057646787	1	0.527963203	0.455557026	0.608038085
	0.547998169		0.711882332			
YPL093W	YPL093W::NOG1::Nucleolar G-protein 1; LPG15w (working nomenclature)					
	1	1.656557988	1.180793394	2.294212094	1.584472231	1
	1.338075436	1	1.03664344			
				1	0.629802544	0.385872322
	0.638065779	0.973993215	0.752340038	1	0.450291993	0.487180608

	0.324648855	0.707680823	0.615930392	1	0.419985966	0.492866794		
	0.811689925	0.973242425	0.383357828	0.823086558				
YPL095C	YPL095C::YPL095C::molecular_function	unknown		1		0.79010434		
	0.755126856	0.828767849		1	1.1203294	1.01024282	1.091739686	
	0.988652711	1	1.752466797	1.661403804	0.935691021	0.981460027	1	
	1.096639112	1.009463994	0.511871459	0.590578725	1	1.406118997		
	0.752946871	0.722323927	0.924903966	1	1.118542397	1.173617965		
	1.130875568	1.040244741	1.16197122	1	0.880150496	1.138388115		
	1.332195122	1.189435195	1.076008131	1		0.994574404	1.10176627	
	1.046019249	1.239224867	2.229338707					
YDR220C	YDR220C::YDR220C::molecular_function	unknown		1		1.254388513		
	1.561787011	1.755869905	1.798451447	1	1.642158841	1.340801558		
	1.732824031	1	1.428115717	1.484038752	1.304960995	1.408987872		
		1	0.620053086			1		
	1.060774416		1.136046279		0.571655247	0.631636486		
	0.872206656	0.718645599	0.928930893	1	0.997370306	0.848176893		
	0.653136001		0.584041204					
YPL109C	YPL109C::YPL109C::molecular_function	unknown		1		1.027256088		
	1.060107991	1.341918989	1.129973374	1	1.242530093	1.20149787		
	1.310191023	1.098039308	1	1.307171276	1.445630463	1.403840349		
	1.608708329	1		1.9092068	1.090289388	1	1.580045323	
	1.811707455	1.34408836		0.970071877	1.085152797	1.198246625		
	0.894899244	0.961656355	1	0.999625542	0.757284629	1.15532718		
	1.285560001	1	1.564609622	1.057914868	1.180004202	1.677270287		
YDR234W	YDR234W::LYS4::homoaconitase			1	0.978075181	0.715837065		
	0.66994678	0.434240988	1	0.913108826	0.756913999	0.52155389	1	
	0.71076876	0.355469006	0.229418559	0.644174227	1	0.448762364		
	0.528936244	1.133364233	0.827206825	1	0.455753429	0.524806585		
	1.127964941	1.188848585		0.762362328	0.455598499	0.698135251		
	1.826641565	1.225753049	1	0.345906857	0.093243851	0.181267655		
	0.342588111	0.49610828	1	0.228941695	0.136582564	0.418780308		
	0.603688578	0.281377277	0.613812402					
YPL111W	YPL111W::CAR1::arginase			1	1.092901628	0.956186097	0.679214208	
	0.809390791	1	1.083989003	1.007870857	0.803719676	0.719734158	1	
	1.656842173	0.994118443	0.821974624	0.894961312	1	1.026386469		
	0.551298807	0.548018014	0.581534673	1	1.566064816	0.807653471		
	1.090557984	1	1.314403358	1.059118654	1.546434784	0.960993726		
	0.781446879	1	0.784340208	0.684135801	1.030005029	0.643205638		
	0.659361153	1	1.025853846	0.664766614	1.01127712	0.439535885		
	0.690009608	0.964937646						
YDR250C	YDR250C::YDR250C::molecular_function	unknown		1		1.175219621		
	1.117697966	1.529514258	1.28388697	1	1.296704408	1.402762943		
	0.989935227	0.991078755	1	1.18031463	1.200304314	0.989196292		
	1.231067345	1	0.975001579		1.181269247	0.305011748		
			0.527262596	0.693982361		0.793246884	1	
	0.586496845				0.7101725	0.489331682		
YDR252W	YDR252W::BTT1::beta subunit of the nascent-polypeptide-associated complex (NAC); homologous to human BTF3b; Negative effect on expression of several genes transcribed by RNA polymerase II			1	1.21440006	1.1453586		
	1.425098021	1	1.166147278	1.087325204	0.990982722	1.169294188	1	
	1.020482663	1.013625044	1.006162539	1.052474824	1	1.094872983		
	0.721833661	1.068301592	0.860995286	1	1.198041968	1.051363343		
	1.100817474	1.011400057	1	0.917312467	0.859210744	0.8065162		
	0.978655998	1.024773135	1	0.943960225	0.787469074	0.982067212		
	0.895241286	1.036454767	1	1.040463723	0.947130357	1.093465416		
	1.74470631	1.017151883	1.033236274					

YDR254W YDR254W::CHL4::Protein necessary for stability of ARS-CEN plasmids;
suggested to be required for kinetochore function 1 1.204861095
1.402896903 1.148725793 1.556397908 1 1.183336292 1.157780654
1.351977427 1.323309824 1 1.157338478 1.208338423 2.024866977
1.160495785 1 0.941050485 0.678331306 1.219315174 1.048178959 1
1.017522896 2.65484201 1.887262518 0.642537611 1 1.027535023
0.944530141 0.875303779 0.974485402 0.957342399 1 0.877274052
0.783826821 0.960707279 0.804326089 0.893035337 1 1.144155269
0.972721867 0.978258261 1.241070634 1.475920597 2.252980512
YDR256C YDR256C::CTA1::catalase A 1 0.964788303 0.881857605
0.897641439 0.796553465 1 0.929442259 0.948826664 0.866461428
1.011261324 1 0.835800161 0.743872744 0.937141143 0.853058293 1
0.770187966 0.748442112 0.989939662 0.948408521 1 0.838612962
2.165360466 1.370107524 0.677863551 1 1.022380494 0.998924434
1.005649407 1.07668937 1.196864916 1 0.782087466 0.726076122
0.834687266 0.887337956 1 0.817067778 0.621323005
0.861107632 0.879898261 1.981537122
YDR258C YDR258C::HSP78::Similar to E. coli ClpB protein; involved in folding
of some mitochondrial proteins 1 0.982659645 1.487358423 1.383791703
1.021406868 1 1.305420091 1.474205284 0.956804303 1
2.081982297 2.193968054 1.294878624 0.965358905 1 2.983136505
2.732686129 2.43585999 2.508837249 1.258464493 1.105918616
0.609405651 0.919715381 1 2.267177782 2.921378489 1.787398465
1.021594111 1.310521712 1 4.105607574 1.449318843 1.703911111
0.813896323 0.59553696 1 3.643381722 1.689274623 0.856818259
0.832241665 1.416701508 0.884380232
YDR267C YDR267C::YDR267C::molecular_function unknown 1 1.000417996
1.074160208 0.918641911 0.971378078 1 0.888090322 0.840582132
1.463858433 1.247415478 1 0.900769731 0.978459527 0.895354166
1.046052464 1 0.485173944 0.369532674 0.48587887 0.732266491 1
1.187588381 1.566356316 1.332248282 0.733819615 1 1.15614794
1.165508771 1.028287729 1.01892 1.090522922 1 1.029169134
1.349454569 0.80997843 0.760589972 0.858119142 1 1.090185285
1.029910101 0.922189458 0.896049048 0.947331693 1.872084122
YDR268W YDR268W::MSW1::mitochondrial tryptophanyl-tRNA synthetase 1
0.940062945 1.016093836 0.969530859 1.351073285 1 0.918277195
0.992168894 1.19818774 1.240107588 1 0.921688599 1.013953997
1.173112496 1.145284503 1 1.292878287 1.114553135 1.125701696
1.228849894 1 1.050778328 1.762697259 1.627352042 0.811506298 1
0.961090296 1.087773385 0.965578942 0.87006441 0.942886693 1
1.483964046 1.580206325 1.783163921 1.232610639 1.132505487 1
1.147735974 1.424272977 1.099917459 1.254507972 1.008857787 1.618153195
YKL171W YKL171W::YKL171W::not yet annotated 1 1.05991197 1.098851568
1.116148807 1.194267329 1 1.148074184 1.305643098 0.958515421
0.922128463 1 1.083005174 1.256203858 1.038762073 1.223843236 1
0.836557295 1.328894884 0.832778357 1 1.557940295 1.691738635
1.906734779 1 1.101536231 1.408691213 1.058743771 1.045841308
1.201649913 1 1.037848875 0.5783626 1.130373827 0.772988193 1
0.917818076 0.696538527 0.693072122 0.654912761 0.745690342
YKL173W YKL173W::SNU114::involved in splicing 1 0.886705234
0.876180926 1.124727753 0.839195345 1 1.116171953 1.139837775
0.772551423 0.758317075 1 0.904309194 0.904657839 0.402719454
0.926157934 1 0.636407797 0.724899075 0.569023845 1
0.774421412 0.759727847 0.535379945 0.690259413 1 0.828733533
1.133274826 1.074363867 1 0.880435937 1.061021573 1.212070337
0.792904755 0.89197669 0.928731606 1.0531179 0.985012108
0.894086029 1.027106933

YKL175W YKL175W::ZRT3 1 0.961050574 0.671559016 0.965790723
 2.418745156 1 0.896363761 0.825795877 0.779437328 1.957292557 1
 1.048275463 0.831645134 0.630418721 1.418689018 2.330512816
 1.6719233 1.29861856 0.782545139 1 0.745566299 0.386365695
 0.263652181 0.605701949 1 1.230181699 1.066868088 1.346363443
 1.22786779 0.849127516 1 1.270939939 0.855166735 1.014629149
 0.831295538 0.560246567 1 0.917283021 0.797604098 0.904342827
 0.739441342 0.572173013 0.728519183
 YKL177W YKL177W::YKL177W::molecular_function unknown 0.868057314
 0.914470824 0.969432564 1.041623026 1.061037035 0.916886123
 0.71493977 1.033012348 0.923186645 0.974459699
 0.688022721 0.95384079 1 0.879480371
 1.027838669 1.04564974 1.040376857 1.016049605 1 0.916177087
 0.960063207 0.857222559 0.991690728 0.752856805 1 0.626573167
 0.554102283 0.539181495 0.677193633 0.578055889 0.400160157
 YKL191W "YKL191W::DPH2::Diphtheria toxin resistance protein, required for
 diphthamide biosynthesis" 1 0.762173453 0.496102099 0.499850611
 0.328547278 1 0.665526221 0.59413345 0.378405842 0.45713443 1
 0.609304987 0.336878751 0.218901437 0.457398725 1.074046305
 0.733234979 0.741299245 0.796298116 1 0.606599612 0.3710738
 0.203192073 0.550877376 1 0.944956972 0.484027763 0.500882633
 1.058300357 1 0.56233846 0.262571797 0.256146343 0.464723229
 0.475726005 1 0.409789633 0.215307547 0.529826498 0.614843293
 0.353943081 0.678608579
 YKL193C YKL193C::SDS22::Interacts with and may be a positive regulator of
 GLC7 which encodes type1 protein phosphatase 1 0.835409488 1.21361175
 1.080332006 1.631200797 1 1.127694079 1.196853434 1.00698331
 1.253564101 1 1.177866482 1.326248361 1.786023267 1.161814254 1
 2.531601984 1.329588128 2.142636132 1.544788759 1 1.875076979
 2.660591097 2.295288863 1.646983037 1 1.184279751 1.898133467
 1.449833874 1.055489363 1.343881408 1 1.179890622 1.454034528
 1.553874702 1.201959719 1.156630113 1 1.361200091 1.304654287
 1.349463345 1.158262836 1.46749791 0.819584055
 YKL195W YKL195W::YKL195W::molecular_function unknown 1 0.68100903
 1.125265573 1.188223729 1.155915591 1 1.008219242 1.189973882
 1.20354197 1.071566727 1 0.886595327 1.298195651 1.441508933
 0.977478415 1 1.602114375 1.771232432 1.58424225 1.515214446 1
 1.830015796 2.141939883 2.11259322 1.554252728 1 1.058001355
 1.798489949 1.773597011 0.920495756 1 2.026291163 1.965627396
 1.830757969 0.890924328 1.119272775 1 1.378424777 1.208627757
 0.787305776 0.923715372 0.973368646 1.129554927
 YKL197C YKL197C::PEX1::member of the AAA-protein family 1 1.170633332
 1.366326058 1.206141108 1.561118765 1 1.229380974 1.163664205
 1.447482745 1.312667365 1 1.176100813 1.388357822 1.667306839
 1.457433116 1 1.30924383 1.028188391 1.157369646 1.486259777 1
 1.452007726 1.789932731 1.827215674 1.285516532 1 1.103381366
 1.144798463 0.822277523 0.843014907 1.119549775 1 1.12086003
 1.391017793 1.433303525 0.967696782 1.256651249 1 1.2155863
 1.628867026 1.112583172 1.862419183 1.282963794 1.666312469
 YKL199C YKL199C::YKT9::Protein of unknown function 1 1.038679178
 1.002536774 1.049680078 0.85720317 1 1.070406015 1.285802018
 0.834228225 0.803466878 1 1.156808984 1.092645111 0.820556759
 0.917198445 1 0.941139367 0.570498247 0.780250806 0.831611336 1
 0.934524686 1.106302315 0.770649923 0.561377672 1 1.109920156
 1.102084766 0.969151462 1.340291552 1.108658441 1 0.931636782
 0.785563256 0.82226955 0.98657365 0.741861555 1 0.719144071
 0.659318575 0.943224115 0.918660442 0.920314582 1.661058689

YKL201C YKL201C::MNN4::Required for the transfer of mannosylphosphate to
 cell wall mannans. 1 0.801147116 0.943424554 0.968754725 1.148919185 1
 0.938219711 0.94689218 0.81408725 1.023231719 1 0.750121597
 0.965687852 1.057816589 0.974911664 1 1.044721984 0.745200813
 1.072193737 1.11211435 1 1.163259854 1.436373788 1.361308282
 0.945172463 1 0.99741111 1.062324162 0.960198543 0.828016668
 1.086400451 1 0.759113573 1.249600388 1.075759412 0.93993076
 1.011326365 1 0.875621812 1.214939444 1.041465642 0.915278672
 1.211076604
 YPL113C YPL113C::YPL113C::molecular_function unknown 1 0.760257686
 0.687016651 0.73909786 1 0.936385533 0.780976064 0.975906609
 0.763279466 1 0.740143673 0.69282706 0.700820814 0.653056569 1
 0.622672982 0.41593595 0.636289053 0.949610228 0.314325102
 0.554886241 0.53378279 1 1.131559815 1.146153505 1.369041727
 1.107799264 0.869676686 1 1.18902293 1.337228385 1.246498188
 1.136647257 1.017748708 1 1.039081916 1.175149302 0.786546334
 0.785720679 0.911500081 0.999962573
 YPL115C YPL115C::BEM3::Gtpase-activating protein activity toward the
 essential bud-site assembly GTPase Cdc42 1.036743663 0.962301243
 1.416690937 1.238395771 1.277317976 1.476225388 0.995059963
 0.95900611 1.245417847 0.987907694 0.495471978 1.173807812 1
 0.545073228 0.496208573 0.507172972 0.573599021 1 0.937995902
 0.655547739 0.984242325 1 0.996236345 0.962829219 1.070289301
 1.05793719 0.844578092 1 1.089545858 0.81850621 0.894923858
 0.749953699 0.524781239 1 1.109823173 0.920521194 1.056363913
 0.783884344 1.043741576 0.747782872
 YPL117C YPL117C::IDI1::catalyzes activation step in isoprenoid biosynthetic
 pathway 1 0.78418534 0.951419904 0.800568006 0.986450607 1
 0.767101536 0.744788873 1.163714515 0.914678294 1 0.630766203
 0.718957729 0.716318425 0.90016466 1 0.592041128 0.297396304
 0.256420458 0.67193822 1 0.965654825 0.496662462 0.672343411
 1.188486379 1 0.696272038 0.559067391 0.486765747 0.643346426
 0.835704333 1 0.80675251 0.691026565 0.561352912 0.751063316
 1.524969059 1 0.719493815 0.559923026 0.844846778 1.149511816
 0.964495438 0.876499665
 YPL119C YPL119C::DBP1::putative ATP-dependent RNA helicase; Dead box protein
 1 1.6250406 1.389013855 1.566851471 1.182847876 1
 1.309853378 1.381147513 1.381905157 1 1.282599137 1.497296862
 1.498818094 1.492238503 1 0.993168243 0.927520741 0.880550043 1
 1.072168523 1.554452342 0.962056916 0.86535773 1 0.961365268
 0.799353203 0.934124383 0.755775465 0.950406875 1 1.237044488
 1.082900562 1.106817361 1.094439585 1 0.897782148 1.067792894
 0.836380674 0.959809484 0.896854949 1.165455518
 YPL133C YPL133C::RDS2::Regulator of drug sensitivity 1 0.812828345
 0.815716747 1.061292544 1.007557791 1 1.025817304 0.996858441
 1.129507187 0.941593881 1 0.908695996 0.876382361 0.57340447
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 0.899642628 1.309484966 1.156348728 1.289794106 1 1.03003835
 1.112377398 0.985232081 0.982689184 1.25671479 1 0.941953959
 0.857116881 1.345419779 1 0.594997447 1.067413237
 0.593450492 1.290100158 0.938668951
 YPL135W YPL135W::ISU1::Iron-sulfur cluster nifU-like protein 1
 2.243200683 1.785575435 1.266962217 1.351621652 1 1.500598734
 1.476399076 1.326800467 1.344941755 1 3.02300462 1.735629349
 1.611535872 1.236681396 1 1.896697856 1.014728793 1.262680236
 1.245983857 1 1.867982939 1.027753982 1.223010559 1.262757487 1
 1.369626277 1.425063983 1.858980265 1.213393367 1.038916849 1

1.215836532 1.75156423 1.337277789 1.192870907 0.875216803 1
1.05975741 1.3930438 1.236051414 0.839821128 0.777277374 1.413257103
YPL137C YPL137C::YPL137C::molecular_function unknown 1 1.169087259
0.960852096 1.604837518 0.929515364 1 1.30012216 1.462862904
0.983956211 0.980602779 1 1.218988513 1.044850161 0.727919977
1.294749256 1 0.738397504 0.708578552 1 1.405281839
0.756973513 1 1.069547691 0.919819937 1.064293722 1.146911955
1.045064179 1 0.871788513 0.769964846 0.90350906 0.91867583 1
0.905781864 0.932693732 1.121794899 1.110338392 1.221150731 0.675981741
YPL139C YPL139C::UME1::Negative regulator of meiosis. Unscheduled Meiotic
gene Expression. 1 0.992404238 0.762741348 0.869480851 0.592473505 1
0.849559612 0.85567085 0.638307695 0.750739465 1 0.888753448
0.771460276 0.687319626 0.617490873 1 1.165747056 1.141590404
0.872202204 1 0.971808294 1.237710582 0.71851036 0.676319939 1
0.953477374 1.062479947 0.979140305 1.097929611 0.952917955 1
0.83713049 0.756799332 0.815768714 0.756969685 0.746623533 1
1.204583548 0.853942214 0.850032109 1.314215378 0.782807851
YPL141C YPL141C::YPL141C::molecular_function unknown 1 0.663644363
0.697070272 0.834901904 0.658769335 1 0.759887753 0.835069012
0.688423941 0.566801454 1 0.801934674 0.709023055 0.373517794
0.630911231 1 0.817851487 0.526129514 0.822736459 0.882234745 1
0.960013656 1.571313714 1.011754127 0.644411074 1 0.945047731
0.957751549 0.909511657 1.021825095 0.805866272 1 0.91353876
0.638991987 0.796511481 0.974676366 1.193802435 1 0.962844456
0.908987218 1.084555282 0.836108726 1.189067175 0.690867314
YPL143W YPL143W::RPL33A::Homology to rat L35a 1 1.122319997
1.519206462 0.817476745 1.895043113 1 0.939767685 1.008998556
1.608722516 1.310250378 1 1.008788345 0.818489797 0.986095655
0.948121829 1 0.947992903 0.353797373 0.290325898 0.573224662 1
1.25371161 0.877706062 0.576016659 0.805825655 1 0.837422968
0.738428314 0.609902308 0.783750579 0.897158238 1 1.082143616
1.696260145 1.026568729 0.899504416 1.986047657 1 1.135025629
1.682972895 1.106640056 1.784396332 1.115459596 1.584003829
YKL215C YKL215C::YKL215C::molecular_function unknown 1 0.919544558
1.021791092 1.292253232 0.960294195 1 1.235086147 1.247304764
1.054080138 0.996200087 1 0.992339248 1.194403481 0.992777634
1.104464651 1 1.209806554 0.759375517 0.931905244 1.21543197 1
1.264265772 1.934514756 1.390296811 1.144573146 0.934692766
0.758410425 0.63145375 1
1.432844078
YKL215C YKL215C::YKL215C::molecular_function unknown
1 1.13741572
1.280187796 1.287698195 1.358424348 1 1.023863007 0.643484816
1.024589862 1.183460806 0.450632511 1 0.726177785 0.703066977
0.847475715 0.70074631 0.691222609 0.610309951
YKL217W "YKL217W::JEN1::Repressed by glucose, induced by lactic acid; in
high copy, weakly suppresses cpr3 null mutant phenotype on lactate medium at 37
degrees" 1 0.99689556 0.980476134 1.128930254 1 1.222459519
1.121679818 0.993649526 1.103088178 1 1.212263034 1.128897636
1.151738103 1.079734665 1 1.063021943 0.512761918 1.648958054
1.035805826 1 1.253280042 2.763502184 1.81361775 0.66205958 1
0.899150111 0.977687106 0.863858494 0.901852765 1.042574122 1
0.659724128 0.934612454 0.997726535 0.910508911 0.817611678 1
0.851280588 1.127610427 0.936971942 1.121501558 0.99532143
YKL219W "YKL219W::COS9::Protein with similarity to subtelomerically-encoded
proteins such as Cos5p, Ybr302p, Cos3p, Cos1p, Cos4p, Cos8p, Cos6p, Cos9p" 1

1.129294683	0.996058085	1.050380274	1.07007283	1	1.171284673
1.117798555	0.898934865	1.064544833	1	1.097608427	1.032458563
1.093227071	0.931956894	1	1.356830869	0.808796071	1.626438343
1.399640603	1	0.932026923	1.951531038	1.857797654	0.893379948 1
1.175763076	1.130837523	1.450684365	1.510410967	1.559560468	1
0.833396322	0.63940859	0.911630591	0.566405914	0.311706489	1
1.100789673	0.68595749	0.858402104	0.816770307	0.6354346	1.700461836
YKL221W	YKL221W::MCH2::monocarboxylate permease homologue				1
1.027325762	1.130192826	1.190743712	1	0.962685615	1.302853904
1.289748367	1.362178174	1	0.968664137	1.038391867	1.43888063
1.233375772	1	1.261276913	1.248570997	1.753494436	1.921234569 1
1.11220777	1.64547572	0.868852881	0.820099543	1	0.871747451
0.939040033	1.097244716	1.106330351	1.117548912	1	0.921694443
1.013201205	1.024477444	1.293658803	1.199639775	1	0.908482691
1.327676815	1.438470469	1.594950869	1.289323886	0.959683866	
YKL223W	YKL223W::YKL223W::molecular_function unknown				0.967791598
0.933830752	0.983968475	0.847787151	1.020643698	1.198334719	
1.030834436	1.217962534	1.305699389	0.898627247	1.141501182	
0.608688249	0.73269198	0.590003258	1	0.772579682	
1	1.08784561	0.975261164	1.169000156	1.266262441	1.057849087 1
1.037255804	0.861653724	0.901980147	0.780988972	0.858980137	1
0.849391318	0.749950548	0.884739114	1.019237888	0.613350514	0.704001714
YKL225W	YKL225W::YKL225W::molecular_function unknown				1 1.687931145
1.480243953	1.186963299	1	1.534280624	1	
1.542101525	1.49539972	1.759375858	1.147856076	1	
			1	1.112277924	1.07546104 1.007319414
1.331088934	1.121862151	1	0.999767162	0.858482373	0.949081246
0.838573308	1	0.785279866	0.944225779	0.851790091	1.252437571
0.838045934	0.576160585				
YKR014C	YKR014C::YPT52::rab5-like GTPase involved in vacuolar protein sorting and endocytosis				0.87790763 1.141095607 0.932533754 1.420483995
0.932260537	0.969871324	1.232231409	1.320801697	0.747491846	
1.202624192	1.250365681	1.129753349	1	1.629019991	1.067079802
1.307696753	1.541210094	1	1.737631823	1.815457952	1.976301266
1.25257402	1	1.224522458	1.778121409	1.32071112	1.28283688
1.332471766	1	1.268617714	1.31217845	1.018661778	0.839425523
1.177825494	1	1.089365626	1.441612627	0.982843477	1.515107327
1.112967246	1.101535006				
YKR016W	YKR016W::YKR016W::molecular_function unknown				1 0.713097789
1.044445955	1.092409344	1.086545572	1	0.903662667	1.22971483
0.910802626	0.892067343	1	0.856351768	0.995201678	0.815624629
0.97368877	1	2.047228523	0.899320942	1.645447056	1.416898032 1
1.642879827	1.579858318	1.426080374	1	1.105757041	1.152905228
1.094269411	1.063807992	1.200842194	1	0.879494957	0.816627948
0.995761656	0.836175976	0.614622921	1	0.781315965	0.714684253
0.867773006	0.782192539	0.960064454	2.393080427		
YKR018C	YKR018C::YKR018C::molecular_function unknown				1 0.724836972
0.852368382	1.060866278	0.734971931	1	0.913595734	1.174793313
0.742512236	1.049567864	1	0.919889471	1.016471206	0.902641794 1
1.507990807	1.156483516	1.757089193	0.766735699	1	1.170005681
0.867259076	0.863536585	0.862118923	1	0.930622072	1.031229187
1.502781662	1.409561399	1.290961773	1	0.983148102	0.967249098
1.550886506	1.632362149	0.739713023	1	0.624116279	0.739334201
0.928545537	0.661915043	0.702576082	1.292420981		
YKR020W	YKR020W::VPS67::whiskey (whi) mutant				1 0.841180217
1.108269768	0.959983624	1.385860088	1	0.854891071	0.866214293
1.297031921	1.227093509	1	1.011601184	1.022069766	1.330105126

1.22878366	1	1.01985827	0.632098974	1.251540247	1	
2.611757723	3.147883967	1.504684132	1.052242632	1.306049046		
0.952737437	0.798913321	0.985578133	1	1.45521771	2.376832362	
1.745511799	1.448163341	2.283810887	1	1.254434194	1.24051287	
1.145943977	1.525870376	1.234554148	1.25827172			
YPL157W	YPL157W::YPL157W::molecular_function	unknown	1	0.86134087		
0.859881183	0.950284079	0.902240335	1	0.797320326	0.839669327	
1.105696007	1.189538681	1	0.629198724	0.658610806	0.609854613	
0.893060547	1	0.581252026	0.463650041	0.916431394	1	
1.157859594	1.239995064	0.587649286	0.871741798	1	0.890707834	
0.943472489	0.955838168	0.95140969	1.040965956	1	0.789068716	
0.847465329	0.774916366	0.936378835	1.406306363	1	0.779167641	
0.749121493	0.882470666	0.844808658	0.879377163	1.044619396		
YPL159C	YPL159C::YPL159C::molecular_function	unknown	1	1.306840292		
1.229902514	1.29726455	2.188854308	1	1.295424754	1.291640248	
1.2848221	1.632725857	1	0.998131191	1.074139606	1.369151717	
1.541063418	1	1.049658807	0.908287901	0.819047412	1.220740256	1
1.246647734	1.108183315	1.189720454	2.143293177	1.107023203		
1.199282478	0.947685812	1.375981901	1	0.690754598	0.734031444	
1.17492697	1.418008976	1	1.042821319	1.109900409		
1.572012928	0.973693878					
YPL161C	YPL161C::BEM4::Involved in polarity establishment and bud emergence; interacts with the Rho1p small GTP-binding protein			1.026893347		
0.961605576	0.849745064		0.956635564	0.821474223		
0.88855077						
	1	0.955186941	0.988476796	0.873652988	1.026844424	
0.993485452	1	0.985411886		0.794786767	1	
1.069114271	0.878262522	0.950402578	0.744775301	2.90094228		
YPL163C	YPL163C::SVS1::involved in vanadate resistance			1	0.800803721	
0.720160992	0.626565969	0.647716914	1	0.748378836	0.738259645	
0.554614529	0.670136685	1	0.660214924	0.519706878	0.590827713	
0.767435321	1	0.682769757	0.234081156	0.527261306	1	
0.314698813	0.267819274	0.152174161	0.889258568	1	0.920428836	
0.79805409	0.917940715	0.825389223	0.982909374	1	0.814887138	
0.948853403	0.738818209	0.804590742	0.709236829	1	0.952304294	
0.636561576	1.447939445	0.786309284	1.193921582	0.829215951		
YPL165C	YPL165C::SET6	1	1.256147718	1.341505227	1.454040654	
1.298355799	1	1.233526737	1.553842109	0.997751267	1	
1.379211688	1.558181612	1.422644628	1.079987718	0.864635183		
	1	0.735260272		1	1.298567246	1.273341201
1.255419489	1.061167612	1.239691919	1	1.040709127	1.27382627	
1.164101174	0.923258408	1.166731757	1	1.336450257	1.350634266	
1.102640873	1.343526637	1.349550306	1.119923134			
YPL167C	"YPL167C::REV3::DNA polymerase zeta, which is unique in its ability to bypass thymine dimers during replication, is composed of Rev3p and Rev7p."				1	
1.410676672	1.517719393	1.539567454	1.437317402	1	1.429912761	
1.352032779	1	0.93742662	1.401846874	1.135757972	1.51808038	1
				1	0.958806017	
1.051222754	1.221611681	1.160601985	1.018267688	1	0.892912127	
1.157823975	1.238671631	0.936957953	1	0.865221665	0.952697469	
1.048707799	0.96977527	0.966453994	1.888721025			
YPL181W	YPL181W::RXT1::Hypothetical ORF			1	0.741307062	0.83760601
0.948480068	0.988404258	1	0.994449996	1.060109947	0.974529039	
1.26122153	1	0.72960275	0.926763118	1.055318006	1.287179806	1
0.71375114	1.007732405	1.226345791	1		1.800491258	1
0.960297708	1.114640799		0.755775443	1.110838415	1	1.12381376

1.195082329 1.177991973 1.471147478 1 1.249920856 1.133388363
1.271918879 1.241931462 1.01484825
YPL183C YPL183C::YPL183C::molecular_function unknown 1 0.945491872
0.771820929 1.0557149 0.828174374 1 0.849793086 0.894713597
1.003573239 0.908550216 1 0.604578869 0.543175664 0.400694127
0.903051613 1 0.39305909 0.414334829 0.552998143 1
0.738339193 0.649042792 0.686058395 1 0.730334254 0.649588611
0.782658723 1.061301737 0.858443823 1 0.647621191 0.512709947
0.480345322 0.650260358 0.589753775 1 0.743607066 0.760670894
1.066928177 0.96761401 0.707036439 0.774927232
YPL185W YPL185W::YPL185W::molecular_function unknown 1 1.494695509
1.665019838 1.784190162 1.707856821 1 1.402721998 2.041966858
2.005482312 1.958155138 1 1.247241017 1.873500371 3.263126611
2.008734926 1 1.693623907 3.189361874 2.957655578 1
2.843412742 3.365820006 6.79616135 2.291680169 1 0.875262987
1.025558162 0.854877871 1 1.037814624
1.320083794 0.660176322 1.307306659
YPL187W YPL187W::MF(ALPHA)1::mating_factor_alpha 1 1.27926853
1.361429627 1.117295982 1.466158573 1 1.066962859 1.079034167
1.60950416 1.43200087 1 1.087146896 1.047999235 1.090301411
1.070176218 1 0.608413309 1.981381022 1 2.05018316
1 1.000109955 1.098170427 1.433130239 1.252052629
1.184994101 1 1.899532707 3.238906303
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0.935470377 1 1.096170762 0.887363931 0.873962487 1.507882297 1
1.485887093 1.670646788 2.342307242 1.570423458 1 1.021557352
1.138898336 0.945809926 0.757938995 1.357601983 1 1.133294148
1.502915945 1.206326173 1.361363184 1 1.283026442 1.413900934
1.178780343 1.885973025 1.769009459
YKR024C YKR024C::DBP7::Dead-box_protein 1 0.81660527 0.665701253
1.031345218 0.752206829 1 0.756857125 0.784846199 1.178240571
0.923300958 1 0.366354234 0.359941307 0.327999586 1.282344355 1
0.213975863 0.192435083 0.262310488
0.831701373 0.707085833 0.949972692 0.939274026 1 0.828700167
0.874927255 0.855789569 1.453851661 0.972973543 1 0.654630823
0.659716072 0.941920609 1.047937377 0.575647368 1.25827172
YKR038C YKR038C::KAE1::Kinase-Associated_Endopeptidase 1 1
0.758184526 0.808281556 0.678120793 1 0.830755138 0.841490946
0.894015991 0.755146915 1 0.766271474 0.673986149 0.61590854
0.881814666 1 0.859268941 0.707084266 0.651045017 1.114140426 1
1.216190364 0.948817174 0.975508761 1.122630713 1 0.951240772
0.855915627 1.0936448 1.028521227 0.956686481 1 0.933088477
0.67651771 0.795825945 0.809557478 0.684450815 1 0.834581077
0.651010577 0.822282902 0.818154891 0.638547278 0.749534149
YHR075C YHR075C::PPE1::carboxyl_methyl_esterase 1 1.158247211
1.435853179 1.078334145 1.485816461 1 1.126146871 1.162017593
1.604237314 1.315707117 1 1.12776047 1.510575821 2.498708179
1.333650809 1 1.582459608 1.395797091 1.477658085 2.316755001 1
1.456386087 2.242169503 2.330138994 1.153472314 1 0.95071352
0.84407009 0.999905749 1.188882967 0.978768367 1 1.544917881
1.092069503 1.052333531 0.777856894 1 0.778948771 0.715228623
0.847418058 0.777909189 0.838539421
YKR040C YKR040C::YKR040C::molecular_function unknown 1 1.413071118
1.432815483 1.145275827 1.562585512 1 1.062724202 1.060099428

1.402844659	1	1.163611379	1.156784108	1.618919484	1.143654778	1
1.138039252	1.073266411	1.366170303	0.954016438	1	1.093568294	
2.574526332	1.523005918	0.758396259	1	0.70552243	0.649085281	
0.689630326	0.718246426	1	1.142138329	1.407183481	1.015606435	
1.212891526	1.130425302	1	0.672569129	0.970591863	0.909329667	
1.506299488	0.942525755	1.006967579				
YHR077C	YHR077C::NMD2::Protein involved in decay of mRNA containing nonsense codons					
codons	1	0.653892051	0.752094063	0.836472292	0.774566218	1
0.776092993	0.805111227	0.783630764	0.755945368	1	0.742502461	
0.747940253	0.616384394	0.866743972	1	0.806050696	0.890283948	
0.787544427	0.800545753	1	0.718133349	1.218359705	0.878363207	
0.617995269	1	0.822565857	0.584968496	0.5712821	0.888130048	
0.823127908	1	0.901372291	0.693546165	0.319281051	0.694615415	
0.991488319	1	0.910356167	0.672044278	0.814379606	1.172915964	
0.444995767	0.727643518					
YKR042W	"YKR042W::UTH1::Youth, involved in determining yeast longevity" 1					
1.144916737	0.834840482	0.884612004	0.737396593	1	1.014489256	
1.122316408	0.622964336	0.8203683	1	1.188150014	0.825714942	
0.665339386	0.63240549	1	0.849267413	0.668428489	1.022217941	
0.3761459	1	0.253150901	0.142182111	1	0.916902109	
0.676813476	1.094761213	1.264470439	0.437880259	1	0.570539194	
0.589317039	0.594644143	0.870569291	0.507863781	1	0.650928874	
0.644753825	0.899409268	0.663448701	0.619706639	0.507861905		
YKR044W	YKR044W::UIP5::Ulp1 Interacting Protein 5 1 0.855823072					
0.803796256	0.810674742	0.691724098	1	0.821076134	0.738981622	
0.856835692	0.890701932	1	0.777803996	0.595455867	0.605805424	
0.972944862	1	0.783718863	0.543875281	0.737894926	0.784754613	1
1.04905992	0.720418997	0.714936941	0.591710744	1	0.958134004	
0.931317692	1.192163387	1.34169166	1.0305574	1	0.837174662	
0.800074489	0.779908952	0.952590571	0.664887416	1	0.611200347	
0.681409402	0.738775872	0.828186287	0.493254552	0.84847964		
YHR080C	YHR080C::YHR080C::molecular_function unknown 1 0.991384141					
1.073363628	1.130675933	1.043729046	1	1.208943708	1.10140567	
1.178824372	1.029036219	1	1.169459342	1.166803393	1.211295055	
1.162711032	1	1.483486291	1.465112093	1.150407901	1	
1.02277257	1.042860892	0.748224578	0.571927058	1	1.251504486	
1.023582867	1.987543909	1.689325726	1.554877568	1	1.052586597	
1.125691386	0.809238645	0.672953523	0.469363145	1	1.718856818	
1.047180447	1.603480901	1.008164396	1.287088343	1.315187225		
YKR046C	YKR046C::YKR046C::molecular_function unknown 1 1.2383384					
1.123388548	1.006642929	0.999005437	1	1.140785543	1.109653819	
1.092194906	1.223643718	1	0.99654908	1.285643904	2.174293913	
0.843621838	1	1.75715572	2.508421007	2.736267898	1.935074985	1
0.970903505	0.809618749	0.828381064	0.925596843	1	0.88194545	
0.93749191	1.127766232	1.352820017	1.082477055	1	0.796692506	
0.783960786	0.578508088	0.888924287	1.051820156	1	0.848612987	
0.721721645	1.030811492	1.091254716	1.130881876	1.212739232		
YHR094C	YHR094C::HXT1::High-affinity hexose (glucose) transporter 1					
0.796751033	0.499895838	0.645563447	0.468890929	1	0.795883183	
0.747563862	0.554395196	0.662439014	1	0.820558707	0.441424033	
0.457994695	0.667892145	1	2.693716247	0.827059532	1.446585784	
1.427969232	1	1.651079455	0.701614572	0.477615707	0.951093946	1
1.089197838	0.938748664	1.288569816	1.169274212	0.974101826	1	
0.897428656	0.784553201	0.699370785	0.835717265	0.68819244	1	
0.813177446	0.877166811	1.08060928	0.805129999	1.03271784	0.837096518	
YKR048C	YKR048C::NAP1::nucleosome assembly protein I 1 1.103755999					
1.196957766	0.991819627	0.705739676	1	1.044848024	1.095931163	

1.29572152 1.203898509 1 1.069421596 1.150394304 1.22456176
1.259106167 1 1.313420095 1.361381437 1.498008997 1.286460261 1
1.14200242 0.851860188 0.806124131 1.099792043 1 1.050305524
0.893699122 1.193886591 1.147635286 0.949082762 1 1.075112802
0.835509974 1.159608771 0.902590114 1 0.965100479 0.838267124
0.976319017 0.828960896 0.634504198 0.950927634
YHR096C YHR096C::HXT5::Member of superfamily of monosaccharide transporters
1 1.239245137 1.12561302 1.47940757 1.001796514 1 1.244789974
1.466481469 1.288879563 1.548350957 1 1.203264029 1.147323595
2.872768528 1.477974596 1 2.560139155 1.504750354 2.831807231
1.587514074 1 0.890249993 1.102495381 0.675492406 0.514375561 1
0.95302413 0.869469977 1.246193415 1.045783622 0.898928845 1
0.669203885 0.738838628 0.592837282 0.830679351 0.913398031 1
1.320546054 1.11825765 1.600852145 1.443963684 1.604986374 0.908897701
YLR177W YLR177W::YLR177W::molecular_function unknown 1 0.921055248
1.040043483 0.90747612 0.760749863 1 0.990308629 1.229463593
0.743356174 0.676011486 1 1.3692138 1.351022993 1.345152977
0.798981408 1 2.21851601 1.568604093 1.591984881 1.040779656 1
1.388042796 1.088928519 0.993521672 0.793260183 1 1.310208864
1.435494768 1.411062215 1.130138629 1.064861037 1 1.495290818
0.877037389 1.998175994 1.02922305 1.014515151 1 1.379779677
0.950491892 0.95116083 0.969965549 1.526863612 0.923783274
YHR098C YHR098C::SFB3::binds to Sed5p and Sec23p by distinct
domains
<u>L</u>ethal with <u>s</u>ec-<u>t</u>hirteen 1 0.899019395
0.88673249 0.952980329 0.604890274 1 1.258053568 1.202475718
0.640192818 0.605338857 1 1.094674867 1.118060162 0.494303117
0.79569309 1.077769121 0.941148882 1.117866371 0.69590127 1
0.622675242 0.772229249 1 1.28230226 1.039794002
0.919922123 1.014426313 1 1.171795678 1.342699189 1.077967014
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1.11274151 0.807686319 1.493814518
YLR179C YLR179C::YLR179C::molecular_function unknown 1 1.0754599
1.249287596 0.803206901 0.728679423 1 1.142480639 1.144016455
0.877156465 0.819180023 1 1.02693431 1.267552797 1.139148013
0.643863755 1 0.941371162 0.649756188 0.61755333 0.75376766 1
1.295680108 0.837036737 0.916439423 0.699198235 1 1.081661527
0.965038423 0.997250824 1.595663378 1.111219727 1 0.859814182
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0.712546683 0.860132848 0.997751672 0.717777321 1.003465128
YHR100C YHR100C::YHR100C::molecular_function unknown 1 1.297916742
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1.311780581 1 1.089445262 0.649073743 1.265589614 1
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1.059202915 1.105283905 0.788609648 1.2138976 0.661971729
YHR102W YHR102W::KIC1::Kinase that interacts with Cdc31p; N-rich kinase 1
0.998573744 1.027213847 1.240023878 0.802754573 1.187724176
1.273024781 1.078533734 0.89829388 1.228539072 1.340127397
0.767747868 1.233526131 1 0.765040686 0.839695032 0.98681862
0.749660424 1 0.6448156 0.772271545 0.576688724 0.606852391 1
0.619446044 0.588290414 0.532645884 0.794405361 0.873412314 1
0.718134727 0.74257211 0.32424076 0.943371219 0.991296646 1
0.614396016 0.635532892 0.845690454 1.066132724 0.622815363 0.572658082
YHR104W YHR104W::GRE3::Induced by osmotic stress; similar to xylose
reductase from other fungi 1 0.864348759 1.274433463 1.549029982

1.080965897 1 1.161026592 1.550283003 1.699874719 1.59190766 1
1.470430191 3.645560042 7.123940367 2.127340716 1 3.40711447
4.818925824 8.0235279 5.69631266 1 1.736377116 3.170146609
5.573568455 3.174561857 1 1.407124797 1.262259043 1.254203086
0.968942926 1.30536338 1 1.331451404 1.344545747 1.122176743
1.096174882 1.105873979 1 1.17036143 1.11246797 1.014304164
1.226253997 1.103482643 1.054251293
YLR181C YLR181C::VTA1::Hypothetical ORF 1 0.99861892 1.102014419
0.900638987 1.198682579 1 0.956133694 0.91017178 1.056185557
1.066911966 1 0.85823937 0.959808534 1.022486743 0.988184709 1
1.370300227 0.715471866 1.037562245 1.107600125 1 1.484322406
1.529202675 1.168072907 0.826834605 1 0.849336349 0.869110833
0.704845628 0.792619486 0.9332552 1 0.996895318 0.926593922
0.78928992 0.936576129 1.463645187 1 1.01438348 0.94897736
1.014358893 1.408339766 1.342490523 1.103286232
YLR183C YLR183C::TOS4::Target of SBF 1 0.791645879 0.806929447
1.158114116 1.215078678 1 0.978792178 0.965273439 0.972862801
1.042914371 1 0.569896683 0.461750238 0.592386858 1.523302263 1
0.841036749 0.466443658 0.695765744
1.042814348 1.026491249 0.949194318 1.259243537 1 1.003832931
1.230300261 1.288493039 1.183435437 1.053960289 0.931746312
1.072929085 0.941143214 1.311684775
YLR185W YLR185W::RPL37A::Homology to rat L37 1 0.946716704
1.531655073 0.773219564 1.915574186 1 0.97702229 0.9478064
1.44928253 1.395082067 1 0.92842594 0.925305282 1.121028087
0.996258742 1 0.687921873 0.323289944 0.182824453 0.517202982 1
1.548819796 1.359631807 0.62521205 0.739305863 1 0.893101215
0.853561726 0.586132527 0.806357549 0.972475862 1 1.331890035
2.146667323 1.349216404 1.187871878 2.216572499 1 0.843400355
1.272323539 0.813676975 1.756646525 1.014440978 0.940420177
YHR118C YHR118C::ORC6::origin recognition complex (ORC) component that binds
to origins of replication and thereby directs DNA replication and is also
involved in transcriptional silencing 1 1.137878037 1.259866369
1.074055638 1.475341359 1 1.148284247 1.240475341 1.710774025 1
0.923838145 1.000595879 1.305548042 1.071160109 1 0.679281806
0.690618409 0.624887001 1 0.950850149 1.288282035
1.625367618 1.181205097 1.118287246 1.122472127 1.533836027
1.24680419 1 1.116348449 0.534149476 0.544359354 1.076260352
0.337480224 1 0.643395514 0.470126636 0.515617373 0.574932251
0.407366791
YLR187W YLR187W::YLR187W::molecular_function unknown 1
1.502262931 1 1.621321297 1.632992668 1.32615619
1.230601122 1 1.469915247 1.65384487 1.327706398
0.787385751 0.744036771 1 1.459232793 1
1.024391563 0.921603223 0.882755955 1.052687223 0.896647555 1
0.832498042 0.632664451 0.783019557 0.827951633 0.527517976 1
0.92407467 0.869842849 1.014515722 0.790293274
YHR120W YHR120W::MSH1::mutS homolog involved in mitochondrial DNA repair 1
1.241451928 1.055506172 1.513906053 1.330372999 1 1.301093757
1.167981098 1.289451691 1.415304825 1 1.025319654 0.980338229
0.952815863 1.341435686 0.854397272 1
1 1.136889609 1.055731853 1.106519937 1.22600437
1.20776264 1 0.89586796 0.555789906 1.140324086 0.688914056
0.322513859 1 0.970112732 0.657955457 0.773569453 0.532140998
0.474745714 0.674230463
YLR201C YLR201C::YLR201C::molecular_function unknown 1 1.211649502
1.30318121 0.963268026 1.461762413 1 1.197125798 1.225842426

1.118030386	1.229486501	1	1.233291467	1.271454718	2.060231885
1.037214903	1	1.136129613	1.324780925	1.581643214	1
1.345817726	1.550795426	1.933337543	1.464423157	1	1.139967399
1.160637111	0.939771114	0.929893045	1.005955399		1.250903372
1.45069503	1.507734163	1.270099875	1.777473581	1	1.280290327
1.346386337	1.434278784	1.692141292	1.512202646		
YHR122W	YHR122W::YHR122W::molecular_function	unknown	1	1.37706026	
1.235048442	0.935606553	1.535335046	1	0.998925212	0.895963967
1.515911012	1.361099824	1	1.352594744	1.290481256	1.036517716
1.304260565	1	1.120971608	0.698638901	0.438616052	1.264950241
1.515369453	1.569378188	1.230799785	1.221452425	1	2.600946986
5.791753272	7.430317855	2.852189106	1.546565582	1	2.359134431
6.252151006	8.728924016	8.782483434	5.406789769	1	2.712027528
5.675030684	5.761386173	2.891914176	1.265048139	2.752086133	
YLR203C	YLR203C::MSS51::Protein required for the maturation and translation of COX1 mRNA	1	0.995228489	1.099697266	1.229412977
1.214912746	1.380529027	0.934211974	0.906526432	1	1.250454287
1.212688755	1.213204424	0.868329468	1	1.504070158	1.521752222
1.59882181	1.33351918	1	0.686396849	0.904801829	0.777802885
0.553284189	1	1.049968216	0.958596658	1.340311562	1.149432344
0.887829184	1	1.08682415	0.74241274	0.991370143	0.758485943
0.507265793	1	1.017815	0.782061084	0.896100097	0.674562932
1.056569703	1.107664347				
YHR124W	YHR124W::NDT80::Meiosis-specific gene; mRNA is sporulation specific; required for exit from pachytene and for full meiotic recombination	1			
1.310476278	1.272312885	1.24233872	1.428589265	1	1.257311191
1.236597229	1.497082253	1	1.308389721	1.196020896	1.539913997
1.168431661	1	0.83693214	1.159287365	1	0.842711757
1.751186097	0.822405786	1.877042829	1	0.804015983	0.72789932
0.811109746	0.957429748	0.984174139	1	0.694709437	0.439909831
0.594914116	0.987291682	0.406410091	1	0.683137439	0.578256477
0.82589274	0.686526054	0.73166659	0.542886884		
YLR205C	YLR205C::HMX1::Homology to heme oxygenases	1	1.177772235		
1.60092985	0.960900514	1.932139567	1	1.011433605	1.162915513
1.531572654	1.382182816	1	1.396658544	3.016551365	1.743024697
0.664649803	1	2.089357388	1.42142382	1.063165225	1.104633562
3.802136471	5.606500593	2.225734846	1.275978458		
0.815254942	1				
1.112918128					
YHR126C	YHR126C::YHR126C::molecular_function	unknown	1	1.410713732	
1.320998345	1.241250692	1.540144759	1	1.285364798	1.314789478
0.978053538	1.177686756	1	2.207706941	2.263929767	1.528690122
1.014228387		0.595445837			
0.252000741	1	0.66934204	1.030633771	0.718372187	1.185779741
1.046009906	1	0.669562463	0.649531686	0.893879391	0.846184419
0.527895837	1	0.620283742	0.693753502		
YLR207W	YLR207W::HRD3::HMG-CoA Reductase Degradation	1	0.80695322		
0.708831075	1.190805786	0.727891509	1	1.075940829	1.141393863
0.690202332	0.728174761	1	1.035984643	1.098194559	0.556696254
0.962405561	1	1.185815276		1	0.882464804
0.662628412	1	1.03237228	1.107897892	1.370373901	1.123062677
1.008687179	1	1.039258086	0.765913499	1.074673947	1.063655652
0.531877152	1	0.826212986	0.699098305	1.127598339	0.653491637
0.828450864	0.83184279				
YHR128W	YHR128W::FUR1::Regulation of the pyrimidine salvage pathway	1			
1.268300923	0.942818074	0.70245137	0.846465378	1	1.126760688
0.95980944	0.753800385	0.774251323	1	0.992089669	0.736945641

0.553523683	0.472721746	1	0.605972327	0.336371607	0.303339641	
0.609579283	1	0.770922761	0.392883006	0.522017246	1	
0.685290149	0.470880283	0.571396539	0.592648408	0.497434767	1	
1.061002758	0.859347157	0.986112811	1.473807558	0.791305827	1	
1.099759497	1.160571705		1.535347974	0.656677741	0.880002116	
YLR209C	"YLR209C::PNP1::purine nucleoside phosphorylase, specifically metabolizes inosine and guanosine nucleosides"					
	1		1.015021569	0.968645973		
0.865154001	0.824718965	1	1.015583621	1.046442005	0.838356032	
1.043800406	1	0.917588581	1.0115242	1.035143283	0.823850915	1
1.36139245	1.060720702	0.949979803	0.586031951	1	1.040475544	
0.767041155	0.460747206	0.75120165	1	1.006424836	0.93659847	
1.045865872	1.075621356	0.996138361	1	1.032784293	0.749751776	
0.858155714	0.924953612	0.803038341	1	0.841587947	0.652503577	
0.864577443	0.728921408	0.855706084	0.985077			
YHR142W	YHR142W::CHS7::The seventh gene identified that is involved in chitin synthesis; involved in Chs3p export from the ER					
	1		1.286096734			
1.034006719	0.849666301	0.764740164	1	1.027371686	0.976839944	
1.060879683	0.992058378	1	0.859488137	0.82719356	0.961546454	
0.753471072	1	1.295396621	0.817541669	1.157458233	1.351535877	1
1.154330281	0.975273127	1.227420331	0.928333286	1	1.06815196	
1.256521501	0.868480852	0.928898015	1.301018325	1	1.227686263	
2.065712678	1.058923712	1.214251894	1.548329961		0.739715702	
1.018608803	0.980129538	0.93568442	0.902321066	1.155823726		
YLR211C	YLR211C::YLR211C::molecular_function unknown					
	1		1.042495061			
1.303171218	1.231970948	1.635691659	1	1.019031687	1.376407942	
1.350495006	1.575895473	1	1.120287823	1.388944256	1.594424773	1
0.274627216		0.321860437	0.400998755	1	1.275094556	1.910152079
1.63895672	1	0.840697033		0.920026933	0.892764683	1
0.904582827	0.857669667	1.08002829	1.204278905	1.173863612	1	
1.002345831	0.971267609	1.264554293	0.961074504	1.260247113	0.829215951	
YHR143W	YHR143W::DSE2::Daughter Specific Expression 2					
	1		1.728697486			
0.986749328	1.444928419	1.351359216	1	1.208369434	1.063518574	
1.047721502	1.275064145	1	1.245188747	0.996571235	0.969006706	
1.085241416	1	0.670855735	0.583064286	0.697772129	0.852904371	1
0.440572836	0.33907293	0.442363897		1	0.999212655	0.927818347
0.553133528	0.911016983	0.776447948	1	1.933771975	1.86498589	
0.906606755	0.615218751		1	1.124608646	1.1281895	0.437683394
1.196499374	0.722106729	0.872121497				
YHR145C	YHR145C::YHR145C::molecular_function unknown					
	1		1.333990666			
1.541842351	1.107858879	1.462139053	1	1.091020872	0.947801809	
1.692603068	1.539086962	1	1.295561885	1.481795955	2.341397384	
1.355672285	1	1.351710675	0.948380427	1.137926241	1.53939272	1
1.271902242	2.939365292	1.671214955	0.984254128	1	0.856291796	
0.661626936	0.892239997	1.233519545	1.187283469	1	0.700272953	
0.846833835	0.500836346	0.792764048	1.229883971	1	0.745260807	
0.784958875	0.866802652	1.238438118	0.539413885	1.034111939		
YHR147C	YHR147C::MRPL6::Mitochondrial ribosomal protein MRPL6 (YmL6)					
	1					1
1.060043529	1.26449887	1.089906362	1.458038013	1	0.906003405	
1.017441911	1.591533472	1.428276094	1	0.976642665	0.975931327	
1.40789776	1.126149896	1	1.342565364	1.083025184	1.230036745	
1.526368898	1	1.733914187	1.772690773	1.74038677	1.45025415	1
0.935730033	1.028908366	0.804364365	1.053725404	0.927988016	1	
0.793298917	0.915346646	0.77147639	1.133429628	1.642345337	1	
1.103110925	1.154761927	1.265989506	1.668259368	1.2792032	1.349336592	
YDR035W	"YDR035W::ARO3::DAHP synthase; a.k.a. phospho-2-dehydro-3-deoxyheptonate aldolase, phenylalanine-inhibited; phospho-2-keto-3-deoxyheptonate aldolase; 2-dehydro-3-deoxyphosphoheptonate aldolase; 3-deoxy-D-					

arabine-heptulosonate-7-phosphate synthase" 1 1.133419634 1.094848431
1.020702236 0.790283726 1 1.066038518 1.040073294 0.892465767
0.865167155 1 1.547154787 1.409579574 0.609985426 0.726942469 1
1.370064051 1.142708047 0.900861588 0.510970097 1 0.942234237
0.694702089 0.481049811 0.390753641 1 1.026486468 0.718775217
0.786720658 1.625927508 1.233189649 1 1.125217068 0.602710428
0.395896457 0.566885072 0.609383267 1 0.857135326 0.52337583
0.669777321 0.762493993 0.559287354
YDR037W YDR037W::KRS1::lysyl-tRNA synthetase 1 0.970536079
0.813628632 0.875462455 0.868937299 1 0.982587001 0.860815004
0.740148573 0.763958931 1 0.848656743 0.777186047 0.364216217
0.685435276 1 1.02222218 0.653833348 0.436213661 0.505019884 1
0.738719546 0.460743748 0.237898064 0.441374082 1 0.95199043
0.681132544 0.673295913 1.011134878 0.802538831 1 1.312064845
1.059901618 0.753575496 0.897181072 0.652826152 1 0.777493192
0.70977363 0.607615294 0.70413891 0.469564537
YDR039C YDR039C::ENA2::plasma membrane protein; putative Na+ pump; P-type
ATPase 1 1.129801698 0.740315877 1.444957772 0.67202533 1
1.302642289 1.229297351 0.921276555 0.938279886 1 1.006662098
0.907083425 0.544744515 1.062938522 1 0.844790117 0.625585038
0.715799201 0.426739891 1 0.760506791 0.56096491
0.93144578 0.968902625 1.131470739 0.789419389 1 1.329578224
1.665692823 1 0.83556908 0.678840774 1.35741746
0.646747488 1.386112744
YDR039C YDR039C::ENA2::plasma membrane protein; putative Na+ pump; P-type
ATPase
1 1.154599621 1.108461032 1.603210585 1.748128323 1.34069065 1
0.938033976 0.452698742 0.385422879 0.613130491 0.34653099 1
0.811446566 0.503298502 0.975534601 0.679179105 0.553986163 0.83184279
YDL134CA YDL134CA 1 1.29075201 1.844990281 1.206326143 2.29365611 1
1.199535602 1.291653731 2.213298573 1.64196108 1 0.986372904
1.487274728 1.882678777 1.177657241 0.659877636 0.385071372
0.303405498 0.361703653 1 1.838487581 1.873352156 1.009267639
0.805481637 1 0.819769721 0.812096901 0.541932919 0.612016852
1.3709263 1 1.555207688 2.34622547 1.488133811 1.482591494
2.790193128 1 1.336253435 2.338968455 1.865828823 3.235445795
2.061455872 1.352839042
YDR041W YDR041W::RSM10::mitochondrial ribosome small subunit component 1
0.953158905 1.469295328 1.250802883 1.761343049 1 1.023072067
1.2053349 1.683180596 1.558179267 1 0.998253812 1.235691521
1.693235997 1.20617679 1 1.677203504 1.027861727 1.013614892
2.218751818 1 1.764213334 1.700320271 1 1.055245814
1.198937746 0.961597449 0.781836739 0.998826019 1 1.223481876
1.622121845 1.056118408 1.059215045 1.654347533 1 1.485922017
1.442521382 1.003661263 1.452261226 1.714380101 1.378232177
YER087CA YER087CA::SBH1::protein transporter 1 1.533537051 1.603373852
1.010209189 1.63779894 1 1.142163076 1.094092708 1.85414779
1.50256589 1 1.264492104 1.339969104 1.846750901 1.208145505 1
1.169294279 1.872340006 1.426796632 1.116775305 1 1.010919179
1.119956207 0.76490196 0.672675919 1 1.187472719 1.081074136
0.673073196 0.863923974 0.807853364 1 0.89151258 1.341460105
0.84386823 0.784948999 1.375981275 1 1.009829021 1.242784181
0.860664846 1.604372694 1.088947455 1.682073707
YLR225C YLR225C::YLR225C::molecular_function unknown 1 0.759334125
0.970687019 0.923788435 1.146467729 1 1.012302885 0.97589124
0.918805209 0.89723805 1 0.914422579 1.203352677 0.992877718

0.972351769 1 1.074194903 1.064446414 1.033947377 0.759627755 1
 1.870062387 1.315394295 1.523330498 1.351661973 1 1.154317944
 1.513407476 1.087520995 0.955669755 1.19503724 1 1.009891569
 1.146348099 1.344407577 1.122519478 1.3687971 1 1.403168949
 1.341627355 1.239196281 1.4516954 1.610355829 1.287167305
 YDR055w YDR055w::PST1::Protoplasts-secreted 1 0.830885783 0.817048215
 1.165777516 0.985188308 1 1.02610555 1.141658845 0.984510676
 1.108206482 1 0.938244334 1.126453557 1.07632967 0.811962028 1
 1.621819034 2.235456613 2.569593574 1.442835037 1 0.966759295
 1.045378629 1.175133965 1.366898469 1 1.040034017 1.137961981
 1.201170187 1.141188521 1.148104001 1 0.90221709 0.96115298
 0.573152914 0.383413851 0.916800963 1 0.8653574 0.73955285
 0.635420295 0.932656481 0.86852774 1.796780488
 YIL071C YIL071C::PCI8::Proteasome-COP9 signalosome-eukaryotic Initiation
 factor 3 (PCI) domain-containing protein 1 0.835711509 0.947262148
 1.050359943 0.976133326 1 0.906474745 1.002012324 1.040689122
 0.875643142 1 0.94800321 1.093508922 1.044574639 1.096888044 1
 1.041403121 0.846554311 1.184546808 1.452452345 1 1.284575886
 2.198284053 2.892668803 1.178893148 1 1.040173001 1.375716236
 1.035389346 0.915386811 1.1412623 1 1.140872904 1.338353138
 1.225453378 1 1.499224291 1.237837874 1.51705691 0.705971886
 2.164287653 1.210988006
 YLR227C YLR227C::ADY4::Accumulation of dyads 1 1.162400051
 1.167983206 0.970642138 1.651526272 1 0.98608352 0.989072321
 1.387038466 1.355197843 1 0.821644995 0.883915399 1.184132056
 1.025935986 1 0.628314676 0.509218232 0.611300897 1.07128506 1
 1.621927603 2.642026673 1.779287936 1.717592736 1 0.901514617
 0.972478854 0.708564638 0.790192799 1 0.921717677 1.115550058
 1.064230823 1.002344042 1.572476231 1 0.935125038 1.34418008
 1.099449693 1.647024617 1.31335545 1.458789592
 YDR057w YDR057w::YDR057W::molecular_function unknown 0.866826043
 0.999882228 1.172935182 1.243290611 0.974636049 1.171973629
 1.328954968 1.070518492 0.936776076 1.055601593 1.003798226
 1.294223484 1 1.064723323 0.739653696 0.948461628 1.337074847 1
 1.485920141 1.978455563 1.838693728 1 0.959566404 1.211113246
 0.927797502 0.948172265 1.021357577 1 0.988802111 1.183422965
 1.040228779 1.066491404 1.278583904 1 1.257957942 1.230527135
 1.281842443 1.395163494 1.233616004 0.966688872
 YML094W "YML094W::GIM5::Prefoldin subunit 5; putative homolog of subunit 5
 of bovine prefoldin, a chaperone comprised of six subunits" 1 0.748292095
 1.295995205 0.778155196 1.695345573 1 0.748820696 0.818747657
 1.591937109 1.303414911 1 0.842930026 0.832806255 1.086001479
 1.05092514 1 0.607324927 0.489153912 0.478109779 0.900647529 1
 1.011671829 1.301885873 1.435283476 1.150632014 1 1.046869519
 0.910029971 0.441728566 0.559662706 0.855856016 1 1.298241654
 1.504560026 1.040651098 1.090997709 2.801343204 1 0.967543588
 1.319716518 0.876234448 1.889847471 1.035824484 1.499943964
 YLR229C YLR229C::CDC42::cell division cycle blocked at 36 degree C 1
 1.308173545 1.185992983 0.829013368 1.388982208 1 1.022586696
 1.059927261 0.931726447 1.064244444 1 1.224473249 1.005527269
 1.199109415 0.820311269 1 1.269900981 0.742626235 0.755699913
 1.036764407 1 1.163838515 0.878847652 0.773266177 0.707335916 1
 1.012240699 0.983576134 0.610950836 0.891546964 0.702713136 1
 0.896082204 0.907622229 0.650399409 0.64486525 1.055463964 1
 0.938335921 0.963318892 0.874213699 1.468908509 1.186792581 1.100659341
 YDR059C YDR059C::UBC5::ubiquitin-conjugating enzyme 1 1.170484812
 1.588530913 1.227301522 1.850059812 1 1.036242392 1.336574508

1.902311761	1.833547297	1	1.662037027	2.047252004	3.809757084
1.47751972	1	2.134275231	2.036097487	3.148215225	4.152705165
1.8534525	4.373541728	4.379339298	1.61601088	1	1.510232923
1.71371971	1.206403254	0.9582511	0.887350695	1	1.235087734
2.707052786	2.068875892	1.173732647	1.313093155	1	1.720125371
2.387267403	1.183522877	1.133920897	1.905559462	1.484182726	
YHR149C	YHR149C::YHR149C::molecular_function	unknown	1	0.68465297	
0.63801502	0.995568124	0.731280916	1	0.784154496	0.825090816
0.807182129	0.832813743	1	0.548115611	0.420205661	0.366981061
0.964790196	0.840436545	0.805820265	0.739147397	1.169004183	1
0.653435699	0.688777135	1.273114856	1	0.990179817	0.963592672
0.816191642	0.790732186	1.158590854	1	1.003543494	0.958824039
1.158096158	0.865187553	1.132738728	1	0.768471225	1.143721698
0.854481297	1.077437163	0.750896702	1.240759256		
YML095CA	YML095CA::YML095C-A::molecular_function	unknown	1	1.02669136	
1.223775014	1.072278942	1.857647457	1	1.029311345	0.993562571
1.41661564	1.456177544	1	1.090577622	1.035910307	1.084071095
1.329010832	1	0.629870446	0.290948857	0.446479164	0.817215446
1.200544418	0.791418024	1.302761441	1.339050909	1	1.062002043
0.978036433	0.483116642	0.734434257	0.86499884	1	1.137428897
1.533919186	0.728545992	1.027745968	1	1.13239417	1.082127656
0.851744998	1.036498326	1.132181817			
YLR231C	YLR231C::BNA5::Biosynthesis of Nicotinic Acid	1	1.090162958		
0.997715802	1.03498919	0.828376247	1	1.095698371	1.253583774
1.17995367	1.141765013	1	1.052519102	1.130769523	1.127482234
1.375940852	1	1.085923049	0.754166477	0.8879593	1.306587451
1.196245718	1.389009215	1.362014663	1.464732246	1	1.105947972
1.118841984	1.374611072	1.362299277	1.080170194	1	0.657286375
0.668253962	0.748304285	1.110621528	1.091112261	1	0.756792879
0.852440451	1.001018117	1.003210326	1.5625946	0.765295387	
YDR061w	YDR061w::YDR061W::molecular_function	unknown	1	0.752545756	
0.915452947	1.013068799	0.829067706	1	1.024692114	1.0579771
0.943818773	1	1.067482968	1.173490006	0.818934667	1.024731065
1.495590499	1.339402817	1.668797537	1.374712748	1	1.129445023
1.37358221	1.609549256	0.928824886	1	1.015081074	0.969490271
1.030891687	1.014483312	0.943836457	1	1.103031577	0.920068586
0.894842806	0.936671016	0.958879428	1	1.073983282	1.005596073
1.014760565	0.819552799	1.246215266	0.915902707		
YHR151C	YHR151C::YHR151C::molecular_function	unknown	1	0.933667685	
0.703421283	0.848676543	0.724780739	1	0.929369498	0.977086753
0.743984545	1	0.898645405	0.57365304	0.528143357	0.703023657
0.513079253	0.303959655	0.511156433	0.575526726	1	0.934775067
1.175575889	1.195459395	1.123098278	1	0.887099481	1.015804127
0.900860836	1.173429253	1	1.280996351	1.049631139	0.936807154
1.134949257	1.031915384	1	0.966904655	0.955601997	0.979429625
0.920339947	0.751314093	0.679484244			
YML124C	YML124C::TUB3::alpha-tubulin	1	0.852649245	0.890683227	
0.786591162	0.710204517	1	0.860933893	0.876703251	0.897364844
0.827627163	1	0.925609544	0.921157537	0.70250606	0.852593932
0.872940857	0.567645621	0.733253389	0.681140769	1	1.095635724
0.94302813	0.874135488	0.95038934	1	1.142164101	1.114586093
1.308642112	1.201006493	1.025010271	1	1.040965375	1.117571794
0.96708812	1.057607507	0.835719316	1	1.013513753	0.961767166
0.916521588	0.911303339	0.83580255	1.079644427		
YLR233C	YLR233C::EST1::Telomere elongation protein (ever shorter telomeres)				
1	0.81734612	0.862794711	1.054249604	0.938591212	1
1.022517031	0.807913648	1	0.782105183	0.718945311	0.711610335

1.133959688 1 0.771329723 0.506929574 0.669158422 0.578410318 1
1.109870102 1.146843614 0.914935229 1 0.835535733 0.800134685
0.824644898 0.880631774 0.94619695 1 0.992886437 0.896127858
0.922900442 1.17330873 1 0.929804787 1.077593684
0.906222061 1.594190049 0.889634012
YDR063w YDR063w::YDR063W::molecular_function unknown 1 0.998434815
1.446742831 1.079632966 1.781714888 1 1.047214618 1.134771723
1.830475005 1.620560376 1 0.934181129 1.49301435 2.458431056
1.214295796 1 1.624132677 1.295511464 1.750954876 2.065157264 1
1.951839092 3.308138489 3.27984545 1.407425587 1 0.960328276
0.854515517 0.871199273 0.737684638 1.020115491 1 1.117976152
1.840919602 1.616963844 1.611942601 1.981845377 1 1.197581216
1.425792004 1.199076119 1.328600779 2.011177367 1.14706739
YHR165C YHR165C::PRP8::protein involved in mRNA splicing; lies at the
catalytic center of the spliceosome; makes extensive contacts with the U5 snRNA
and with the pre-mRNA 1 1.105665543 0.945409354 1.009483377 0.966335423 1
0.958193855 0.951208399 0.99085792 0.97218786 1 1.135182758
0.914967568 0.936145859 1.008081896 1 0.921897501 0.81197193
0.940400376 0.933673169 1 1.014451153 0.992005711 1.016143545
0.880222686 0.611146241 0.678939063 1.509597175 1.312828364 1
0.508234934 0.225772894 0.347861875 0.695126289 1 0.429305678
0.244116683 0.609475031 0.580148441 0.492651726 0.663723006
YMR325W YMR325W::YMR325W::molecular_function unknown 1 1.298990256
1.526429791 1.011594792 1.707460972 1 1.150489633 1.127098577
1.790033346 1.649460042 1 1.429313874 1.305334575 2.494022524
1.408795497 1 1.282958569 1.06064667 1.299621692 1.087967788 1
1.527382128 2.694670913 1.995032231 1.465126393 1 1.16027027
1.231948493 1.017464229 0.97227223 1.213463293 1 0.927799498
1.736987908 1.507562422 1 1.333408 1.88749629
1.148945516 1.602019578 1.344434929 1.25914728
YLR249W "YLR249W::YEF3::contains two ABC cassettes, and binds and hydrolyses
ATP" 1 0.91168256 0.568972329 0.842183775 0.53682708 1 0.976551278
0.840682245 0.499754064 0.632698435 1 0.826924633 0.430864072
0.179693665 0.661816201 1 0.538128959 0.217929957 0.163563877
0.19953399 1 0.324043823 0.120835906 0.07263145 0.29022715 1
1.158851524 0.672309028 0.76670769 1.46036492 0.8944449412 1
0.71934125 0.434924579 0.359346203 0.50119272 0.305159441 1
1.02597772 0.547079896 1.315846404 0.774649406 0.446712875 0.541135607
YDR065w YDR065w::YDR065W::molecular_function unknown 1 0.877929107
1.202805214 1.511806519 0.972244897 1 1.151026879 1.226692944
1.635610657 1.316155938 1 1.021914993 1.345450768 1.190297021
1.50766327 1 0.609355113 0.826635316 1.489393401 0.861463294 1
0.597532687 0.992128845 0.606270211 0.442667398 1 0.784784729
0.883989799 0.847962007 0.891483822 0.994073945 1 0.911929048
1.393323632 0.783870161 1 0.705096115 0.660917656 0.896969631
0.387859153 1.225020723 0.919405158
YHR167W YHR167W::THP2::affects transcription elongation 1 1.380887886
1.265493444 1.163608941 1.30392909 1 1.045560873 1.114852936
1.409456049 1.05568942 1 1.206693684 1.050505004 1.106616853
1.199689513 1 1.16186701 0.981385861 1.045512807 1.480351566 1
1.292575575 1.214411696 1.282427327 1.333732841 1 1.075747167
0.943799666 0.933470434 1.170648855 1.4120765 1 0.967561677
0.545868986 0.691655926 1.054522053 0.641395575 1 0.903275094
0.784879614 0.834552005 0.851669109 0.674230463
YLR251W YLR251W::SYM1::stress-induced yeast MPV17 homolog 1
1.18048407 1.913830234 1.359752385 1.491584295 1 1.333654508
1.733848038 1.652566646 1 1.829367122 2.532699415 4.144014906

1.662128917	1	2.134337358	1.998929834	2.517043137	2.329986029	1
3.682566952	3.436636794	6.702205476	2.58595931	1	1.384678764	
2.143819452	1.641273418	1.191846738	1.351442908	1	1.471956508	
1.404427894	1.640723877	0.981046692	1.659806305	1	2.063313712	
1.410758488	1.189980624	1.113287946	3.181930555	1.322192232		
YHR169W	"YHR169W::DBP8::Dead-Box Protein 8, ATP-dependent helicase involved in rRNA processing"					
1	0.84905152	0.7654735	1.126343794	0.891117748	1	
0.85926681	0.762434226	1.070182103	1.22541715	1	0.457082795	
0.366134822	0.393804638	1.212984872	1		0.289371094	
0.544345815	1	0.359193352	0.430766199		0.787563352	1
0.993638917	1.203124531	0.980205304	1.089479391	1.212930284	1	
1.108899652	1.359838381	1.134670065	1.05909214	1.298971871	1	
1.12783769	1.079706186	0.91793776	1.139821285	0.821785295	1.315187225	
YLR253W	YLR253W::YLR253W::molecular_function unknown					
1					0.806524184	
0.928543732	0.985560687	0.953592397	1	0.922795049	1.070794998	
1.012010944	0.993278523	1	0.932510074	0.818103499	0.682588252	
0.800592266	1	0.796457894	0.588347252	0.559734783	0.727389061	1
1.151662146	1.212601866	1.065884838	0.997524946	1	0.932449643	
1.006657426	0.74660457	0.896435753	0.899648056	1	1.000928492	
0.937210435	0.807730587	0.702039175	0.926611569	1	0.94746411	
0.985986769	0.904962137	0.983296954	1.552223276	0.912400256		
YHR171W	YHR171W::APG7::autophagy					
1						
1.124807198	1.274646004	1	1.23039696	1.302054136	1.425265727	
0.944720096	1	1.565633174	1.650437344	1.22495316	1.207525075	1
1.537968381	0.767746187	1.229730517	1.247532738	1	3.12844143	
2.510943374	3.344222686	2.60785464	1	1.049297309	0.964496883	
1.074115894	1.191338406	0.983589913	1	0.907621875	0.683684598	
0.988171475	0.846914875	0.510641841	1		0.754622233	1.018083176
0.783968561	0.908925396	1.872084122				
YLR255C	YLR255C::YLR255C::molecular_function unknown					
1						
1.563647471	1.68108047	1.351504879	1	1.658753362	1.687587534	
1.934449139	1.604660712	1	1.330091836	1.439608411	1.452100987	
1.401426167	1	0.580622817	1.729152786	1.219631541	0.903439147	1
0.512767711	1.032583776		0.347227427	1	1.001907012	1.153498304
1.15429118	1.714266656	1.434729058	1	0.807125742	0.495337082	
0.636975571	0.987818743	0.570034215	1	0.741208898	0.504719333	
0.897982583	0.486147431	0.83399398	0.415045782			
YLR257W	YLR257W::YLR257W::molecular_function unknown					
1						
0.881772984	0.802012452	1.058940302	1	0.983474223	0.897661491	
0.922995919	0.844689796	1	0.539979081	0.915996141	1.175186281	
0.911726555	1	1.672478073	1.035746391	1.741565899	1.984891761	1
1.710733523	1.331450639	3.08295519	1.488687518	1	0.701815049	
0.647326958	0.468150146	0.846973736	1.046930091	1	0.777796301	
0.558934048	0.522796306	0.714518276	1.81638988	1	1.160164871	
0.78924214	1.391206585	1.5947997	2.671907444	1.266152286		
YHR173C	YHR173C::YHR173C::molecular_function unknown					
1						
1.294690245	1.054615899	1.643337042	1	1.085860352	0.978934555	
1.38731371	1.530345963	1	0.839311103	0.978321095	1.27930579	
1.486728314	1	0.933734572	0.9861596	1.33252	0.954506942	1
0.969984933	0.963684789	0.497195652	0.417749971	1	1.12178361	
1.209916996	1.317281567	1.29419412	1.090069309	1	1.058869363	
1.093916825		1.062951214	0.668333857	1	1.200068786	0.906726434
1.067971109	0.994301621	0.992313079	0.799444701			
YHR175W	YHR175W::CTR2::Putative low-affinity copper transport protein					
1						
1.51415232	1.145081628	0.819469208	1.082557691	1	1.098791909	
1.12775612	1.093022317	1.125935894	1	1.572242683	1.376852904	
1.184646986	1.082579808	1	1.330826677	0.918882104	0.830811208	1

1.129749912 1 2.021025701 1.082941156 1.311823168 1.170015949 1
0.902889089 0.729004205 0.546158859 0.620222351 1.136397581 1
1.079467885 1.109640895 0.680702552 1.392038177 1.910893929 1
0.841693513 0.810689526 0.9052624 1.265937257 0.870309414 0.689116088
YHR189W YHR189W::YHR189W::not yet annotated 1 0.867382193
1.094000555 0.451898792 1 1.315798607 1.442804407 0.791116989
0.676384652 1 1.681276183 0.62619398 1.075737589 1
1.801938943 1.643086237 0.728795673 1 1.26242809
1 0.939566251 0.994740811 0.777724526 0.919519034 0.991646005 1
1.697601521 0.669107574 1.448944806 1 0.813220757 1.140308952
0.83436711 1.381807078 1.134950648 2.914076732
YHR191C YHR191C::CTF8::(putative) kinetochore protein 1 1.105951096
1.328361941 0.843359477 1.27079394 1 0.861049639 0.950085074
1.470515555 1.292796074 1 0.823306441 1.284518578 1.895057537
1.029906251 1 1.205883942 0.821584036 0.943669439 1.371196552 1
1.612023433 2.800976975 2.335968381 1.119300744 1 1.303956271
1.138430054 1.108718147 1.02146907 1.342447637 1 1.066522907
1.250925491 0.803923999 0.997769486 1.314513547 1 1.278991085
1.209772434 1.310457998 1.356145342 1.268945125 0.751285375
YDR079w YDR079w::PET100::cytochrome c oxidase-specific assembly factor 1
1.178194194 1.743539897 1.337896704 2.273532316 1 1.102161158
1.283948722 2.535694347 1.969590459 1 1.101679347 1.497191064
2.252473326 1.63218313 1 1.356623935 1.085315538 0.965079848
1.46639421 1 1.848260743 1.735685071 2.126698666 1.132662103 1
0.909013965 0.913554212 0.597559334 0.862544037 1.059190557 1 1.062469
1.155312456 0.923041614 1.174785115 2.035543207 1 1.020511668
0.954173527 0.965692934 1.492481236 1.970622093 1.277535408
YDR081C "YDR081C::PDC2::Regulates transcription of PDC1 and PDC5, which
encode pyruvate decarboxylase" 1 0.950823101 0.976312081 1.316254802
0.920459038 1 1.143582333 1.173508778 1.15446062 0.99950165 1
1.001129896 1.097026306 0.698501761 1.254717816 1 0.661081894
0.708573363 0.650797072 1 0.549805093 0.694696148 0.622521026
0.415367009 1 0.811072545 0.800407447 0.802174521 0.90538945
0.889889741 1 0.904848812 0.801564335 1.073718075 0.875051567 1
0.952192927 0.898292557 1.039366523 0.805009858 0.889125198 0.856360259
YDR083w YDR083w::RRP8 1 0.781807692 0.758233937 0.667033166
0.95186383 1 0.663319917 0.588965454 0.983028818 0.941347243 1
0.511723176 0.389469479 0.568906952 0.750497563 1 0.448304548
0.328853794 0.405289647 0.663663244 1 0.537611956 1.371669418
0.75181428 0.647718841 1 0.738759162 0.706797967 0.580341202
0.755114808 0.925841154 1 0.85063169 0.727799744 0.455314264
0.909144879 1.396155347 1 0.653115302 0.609663389 0.796757537
1.183676113 0.599594487 0.990330781
YDR085C YDR085C::AFR1::coordinates regulation of alpha-factor receptor
signalling and induction of morphogenesis during conjugation 1
0.797347803 1.181324106 1.133980281 1.050016446 1 1.136423015
1.191369973 1.425141836 0.917160406 1 0.93129586 1.53287878
1.841811306 1.12102628 1 1.927066555 3.028121945 2.723449443 1
1.337206016 2.509705524 2.201876842 1.643056674 1 1.081880591
1.201641409 1.100871507 0.964247559 0.984808562 1
1.915568669 1 0.904039601 0.884394679 0.783256129 1.646489725
0.92816139
YLR259C YLR259C::HSP60::60 kDa heat shock protein 1 0.932586518
1.029896853 0.906323656 0.602212467 1 1.003132954 1.295533658
0.874093377 0.754438666 1 1.008334519 1.103714714 1.177368046
0.526468431 1 2.446853424 2.009773179 2.903468278 1.74842732 1
1.517230153 1.042021769 1.017493295 1.464603526 1 1.090576196

1.248111925	1.339361244	0.938099394	0.853593904	1	1.747603276
1.543707002	1.026115598	0.656409823	0.548172153	1	1.201419789
1.217621832	0.593290786	0.595100599	1.023569913	1.089276219	
YDR087c	YDR087c::RRP1::involved in processing rRNA precursor species to mature rRNAs	1	0.779894547	0.761301926	0.734683308
				1.058613219	1
		0.619965632	0.552379197	1.042477048	1.094932842
		1		0.456346729	
		0.383408375	0.431615579	0.927893021	1
				0.387211406	
		0.755025209	1	0.742748982	0.85470776
				1.458165019	1
		0.872114283	0.726951969	0.695087869	0.85169835
				0.868079773	1
		0.892979759	0.845762474	0.535065708	1.101932584
				2.086588862	1
		0.740152506	0.684371257	0.862374013	1.054802374
				0.565293368	0.981574549
YLL052C	YLL052C::AQY2::aquaporin water channel in yeast	1			1.013021208
		0.942347216	1.14806357	0.856524935	1
				1.132827168	1.189266589
		0.924137992	1.033497554	1	1.118906428
				0.942486712	0.786211931
		0.972668091	1	0.939755759	0.607889598
				0.879431041	0.969386626
		1.22920631	1.550182121	1.311982113	0.933970789
				1	1.086165988
		0.963477344	1.026872118	1.00386994	0.873377893
				1	0.981232543
		0.666376243	0.576828144	0.616745987	0.536080104
				1	1.345136419
		0.867340282	1.169840738	0.975689796	0.996563869
				1.005216354	
YDR089w	YDR089w::YDR089W::molecular_function unknown	1			2.899773234
		2.618597379	2.757824319	2.518113458	1
				2.740132198	2.693789641
		2.637240401	2.459259292	1	2.470170628
				2.382058297	2.192540025
		2.311043024	1	1.370651949	
				0.951624599	
		1	1.128341387	1.172414776	1.449735269
				0.894524085	1.185599676
		0.762808867	1.170157409		0.810868402
				1.551983096	1
		0.967941113	0.98201188	1.33030763	0.928204994
				2.610235097	
YLL054C	YLL054C::YLL054C::molecular_function unknown	1			0.750172174
		0.857538916	1.09098338	0.678110134	1
				0.969400888	1.024250231
		0.756732893	1	1.047934134	0.81064969
				0.415164267	0.805727972
		0.992815833	0.64788207		0.835484145
				1	1.724062184
		1.083396205	1.350444851	1	1.158936333
				1.107774227	1.19882221
		0.971960748	1.012856844	1	1.45438364
				0.860937091	0.772804692
		0.931522655	0.52259188	1	1.411749934
				1.056642271	0.996327922
		0.742025249	1.05350876	0.760041607	
YDR103W	YDR103W::STE5::Protein of the pheromone pathway	1			1.01399326
		0.912084405	1.157633884	0.878671327	1
				1.150169449	1.081837861
		0.969912558	0.845846859	1	1.017656407
				1.063534521	0.672797755
		1.008529906	1	1.034302625	1.002917851
				0.837094278	0.807372526
		0.95471126	1.311125744		1.107054392
				1	1.129881203
		1.089897028	0.985242947	1.01525271	1
				0.885868411	0.832360559
		0.872496772	1.266638763	1	1.063262394
				1.134438738	1.241068194
		1.079389006	1.24234992	0.805574095	
YHR193C	"YHR193C::EGD2::GAL4 enhancer protein, homolog of human alpha NAC subunit of the nascent-polypeptide-associated complex"	1			1.031715986
		1.228916952	0.824539868	1.489320286	1
				0.89737427	0.883096993
		1.364891742	1.262339881	1	0.907228337
				1.011181611	1.048157351
		1.092108578	1	0.960472726	0.60994716
				0.51761538	0.814859572
		1.353865604	1.175770469	0.971538002	1.132067982
				1	0.996646686
		1.066081954	1.324775448	1.24216227	
				1	1.21133012
		1.284559792	0.794194476		1.202682068
				0.829411285	0.744608157
		0.972809956	0.598220257	1.004340689	
YLL056C	YLL056C::YLL056C::molecular_function unknown	1			1.269282187
		0.898697028	1.038320184	1	0.97711334
				1.022075842	1.113333575
		1.23486013	1.126507011	1.444262575	1.329767751
				1	
		2.041020693	2.097758251	1	1.149006739
				2.13152656	1.164972589
		1.04074154	1	1.3816421	1.38322282
				1.422510051	1.2571727
		1.07126212	1	1.268227259	1.300934228
				0.918180619	0.639173893

	0.894433001	1	1.454945454	1.543231557	1.04833244		
	1.154948061						
YDR105C	YDR105C::YDR105C::molecular_function unknown				1	1.211722704	
	0.970995277	1.104767732	0.833741961	1	1.193866195	1.089551061	
	0.933419293	0.900827499	1	1.329609376	1.157143885	0.924126223	
	1.003776662	1	1.387765714	1.074086954	1.254933563	1.029525674	1
	1.358842662	1.141697903	0.892068269	1.069163224	1	1.257978882	
	1.44073274	1.713623578	1.352063419	1.10325509	1	0.985907457	
	1.046978952	1.121480964	0.864613963	0.86298455	1	1.255662855	
	1.243342698	1.036024317	0.937635031	1.102719142	0.970191427		
YHR195W	YHR195W::NVJ1::Vac8p binding protein; nucleus-vacuole junction				1		1
	1.011372292	1.34533658	1.080749267	1.255859395	1	1.101649674	
	1.081090332	1.440162456	1.118624629	1	1.360238853	1.572832797	
	1.795588337	1.344848415	1	1.463329651		1.446574517	1
	2.347018546	1.431924711	1.926147652	1.271154387	1	1.119321154	
	1.34978228	1.386560176	1.14357798	1.076357395	1	0.923606634	
	1.014366898	0.93804142	1.011326365	1	1.24144811	1.190028789	
	1.365471761	1.051880059	1.072819647				
YLL058W	YLL058W::YLL058W::molecular_function unknown				1	1.164968321	
	1.198284434	1.081883191	0.979737955	1	1.17275993	1.175744649	
	1.202504872	1.229378223	1	1.476573634	1.592355051	1.228333697	
	0.954582189	1	1.020177145	1.343631967	1.44933986	0.860840317	1
	0.66594386	0.814795065	0.655093748	0.489719003	1	1.217707742	
	1.386869487	1.581148208	1.28720247	0.911856521	1	1.077778526	
	0.979843956	1.286577911	1.189333399	0.430136003	1	0.809417631	
	0.70520886	0.849983995	0.490379091	0.776721404	0.528876872		
YDR107C	YDR107C::YDR107C::molecular_function unknown				1	1.997887641	
	1.862804	1.816228472	1	1.658800223	1.888685028	1	
	1.545041079	1.83094768	2.269349606	1.83363688			
	0.749537978			0.562048299		0.877629702	
	0.73171881	0.892117874		1			1
	0.842392499	0.656676233	0.83443188	1.241387634		1.91586528	
YHR197W	YHR197W::YHR197W::molecular_function unknown					1.310089381	
	0.843864134	1.535214487	1.138540935		1.296689664	1.096185264	
	1.135507851	1.346821277		0.747491846	0.496069285	0.354075502	
	1.446945786	1	0.262204506	0.339244804	0.354518463	0.322193744	1
	0.438217476	0.270379289	0.716173424	1	1.111065858	0.983897318	
	1.049395033	1.194303804	1.382827826	1	1.030664942	0.866677539	
	1.006314831	0.919640649		1	0.79073081	0.860948878	
	0.806345362	0.745079566	1.036738829				
YLL060C	YLL060C::GTT2::Glutathione Transferase				1	1.256537624	
	1.029206172	1.557335157	1	0.884637454		1.394597782	1
	3.784552539	6.629894329	4.615209533	2.551535423	1	1.487901765	
				1	3.32557609	9.653267896	
	15.06029658	2.743638246	1.308577084	1	4.845194682	22.12440011	
	35.01459289	46.73160065	9.663763397	1	6.822873443	16.99606343	
	18.4211147	2.314004516	2.047427418	3.646973927			
YDR109C	YDR109C::YDR109C::molecular_function unknown				1	1.019991937	
	0.986765403	1.276426007	0.9259385	1	1.109277396	1.139982288	
	1.108821141	1.164043145	1	1.054862793	1.157086233	1.06941198	
	1.244967385	1	1.207669952	0.771949954	1.14202054	1.053890473	1
	1.289540594	1.139357432	0.876455681	0.951026564	1	1.021134615	
	0.73029294	0.778902343	0.892053927	1.041923228	1	1.114627551	
	1.140731237	1.028286163	1.073887369	1.06023283	1	0.925050468	
	1.342743412	1.141367445	1.166686459	1.312008491	1.112042463		
YHR199C	YHR199C::YHR199C::molecular_function unknown				1	1.312844993	
	1.125895977	0.727471034	0.642347048	1	1.127210276	1.032353263	

1.004487449	0.854180928	1	3.177647371	3.432571825	2.120220341		
0.962455202	1	2.70126356	2.981080501	2.091465486	1.571628761	1	
3.018578017	3.667820377	2.517035922	1.602010755	1	1.193878459		
0.953910354	1.16345472	1.210525715	1.4162302	1	0.836592449		
0.922492634	0.932813205	0.683979616	1	0.758322654	0.769628064		
0.715324199	0.744609917						
YLL062C	YLL062C::MHT1::S-Methylmethionine Homocysteine methylTransferase					1	
1.527240973	1.954439745	1.034023937	1.017883725	1	1.183323997		
1.367764983	1.351716645	1.136716008	1	1.347942116	1.275053486		
0.743669036	1	1.977949307	1.262411509	1.384232666	1.590332481	1	
1.339093769	0.800219077	0.843067146	0.692062776	1	0.908721802		
0.779641938	0.599848171	0.864582464	0.749376721	1	2.398252626		
1.606392066	0.319083654	0.866439689	2.489013882	1	2.46471839		
1.570612626	0.758174487	1.497293886	1.275907522	1.143564939			
YHR213W	YHR213W::YHR213W::molecular_function unknown					1	0.920640942
0.770499994	1.282193906	0.703109574	1	1.197223305	1.314789485		
0.790717783	0.799607936	1	1.167085607	0.90646314	0.721700452		
0.890793503	0.938161743		1.721449626				
1	0.924467605	1.199732532	1.422027761	1.185889592	1		
0.564370034	0.444738992	0.583062214	0.732102659	0.34051542	1		
0.397336765	0.984673062	0.13849323	1.024064947	0.602429332			
YLR009W	YLR009W::RLP24::Ribosomal Like Protein 24					1	0.896389963
0.895397318	0.827676695	1.392293621	1	0.680117211	0.699550523		
1.203571242	1.326848285	1	0.501711994	0.399421603	0.525805063		
1.018032006	1	0.328851224	0.316600576	0.263524179	0.745405908	1	
0.434921843	0.48306901	0.465972369	0.679301182	1	0.715037663		
0.518319876	0.486043509	0.740076884	0.85553346	1	0.752757798		
0.908694851	0.443010959	1.043338287	1.746335505	1	0.618175868		
0.848388105	0.832154884	1.356158351	0.62752767	1.161077402			
YLR011W	YLR011W::LOT6::LOw Temperature responsive					1	1.024939513
1.429001601	1.184602876	1.513975289	1	1.084454022	1.305721979		
1.463889877	1.56497227	1	1.118042295	1.503326651	1.633542815		
1.575967335	1	1.380260469	0.94582864	1.492381965	1.688489144	1	
1.216373874	1.730429792	2.066559407	0.930971434	1	1.115567399		
1.203625509	1.152581266	0.877870041	1.034148179	1	0.962871294		
1.574833524	1.448527231	1.740084709	1.758200213	1	1.347599859		
1.33930448	1.300710687	0.9121134	1.673963156	0.969315762			
YHR215W	"YHR215W::PHO12::acid phosphotase, nearly identical to Pho11p"					1	
0.999205899	0.727836093	0.756303462	0.475907651	1	0.786017652		
0.800937129	0.785078872	0.622535516	1	0.831394526	0.662860945		
0.380230273	0.490362145	1	0.593317831	0.586469454	0.55689357		
0.562505672	1	0.564929038	0.593277758	0.681985405	0.739973536	1	
1.011973193	1.116197993	1.287157762	2.038890055	1.036530494	1		
0.821930004	0.846742795	0.965321307	1.673441427	1.187545307	1		
0.821413725	0.650305777	1.28801544	0.835421964	0.398100235	0.997335787		
YLR013W	YLR013W::GAT3::The amino acid sequence of this ORF is very homologous to that of GAT4/YIR013C.						
1.215006654				1	0.735286194		
0.602217062	0.461105414	0.788257153	1	1.017237308	1.121121374		
0.485031136	0.416302537		0.994038322	0.813634487	1.202248209		
0.715740281					0.781789373		
0.90401308	0.556477892						
YHR217C	YHR217C::YHR217C::molecular_function unknown					1	1.144216959
1.145842989	0.859667768	0.85083739	1	1.274856879	1.107605268		
1.067408493	1.025775346	1	1.336659808	1.145562506	1.645823959		
0.89339755	1	0.784255354	0.915795622	1.288751055	0.795104094	1	
0.747286706	1.140397943	1.173448176	0.825844628	1			

0.869574533 0.935551636 0.993930187 1 0.71904064 0.646328061
 1 0.805698496 0.817832829
 YHR219W YHR219W::YHR219W::molecular_function unknown 1 0.70143864
 0.707334815 0.82553195 0.477389765 1 0.841860555 0.972556093
 0.687527348 0.750214943 1 0.899542596 0.835319549 0.643644342
 0.781430942 1 1.091927651 1.249208373 1.342823458 0.819828724 1
 0.716444775 0.396365163 0.397389878 0.902294509 1 0.846187668
 0.988410036 1.423790934 1.13798587 1.094349699 1 0.975167794
 0.785735292 1.104017658 1.108120257 0.710339781 1 0.824187557
 0.879100098 1.24579667 0.922328521 1.028180283 0.760917271
 YIL002C YIL002C::INP51::Synaptojanin-like protein 1 1.043337322
 1.022308952 1.15970863 0.932199483 1 0.984016427 1.128843052
 0.975439912 0.797816254 1 0.944472744 1.152495185 0.838230445
 1.126259621 0.922339553 0.569277654
 1 0.919141525 1.03073944 1.001769041 0.922395693 1.020019195 1
 0.837518171 0.798812063 0.838584118 0.809204015 0.955070238 1
 0.988370494 0.928428472 0.975375849 1.006444824 1.06313321 1.056878183
 YIL004C YIL004C::BET1::Type II membrane protein required for vesicular
 transport between the endoplasmic reticulum and Golgi complex; v-SNARE with
 similarity to synaptobrevins 1 0.9836671 1.113479527 0.934489184
 1.438964179 1 0.885873555 0.869155834 1.35438581 1.305473489 1
 0.827255872 0.994053926 1.495975608 1.118509822 1 0.825610288
 0.693537324 0.735087723 1.229653632 1 2.038511022 3.124272112
 2.372740407 1.352828173 1 0.836914112 0.975792005 0.687533229
 0.785214857 0.772745861 1 1.128539078 1.464486442 1.041888436
 1.069211531 1.742002639 1 0.948214866 1.305563241 0.995088872
 1.312263198 1.271626805 1.468421488
 YDR111C YDR111C::YDR111C::not yet annotated 1 1.018819574 0.846883281
 1.043291969 0.683578785 1 1.153981563 1.009511824 0.939063547
 0.867330109 1 1.077567257 0.858582592 0.635434738 0.876707708 1
 0.600484385 0.468841039 0.6134995 0.462407674 1 0.933099088
 0.675797914 0.556937709 0.450821796 1 0.83105384 0.667223854
 0.673918789 1.160623191 0.8840493 1 0.771143725 0.488624544
 0.45806951 0.443644392 1 0.739655902 0.553344565 0.541582885
 0.459601645 0.741986366 0.736399802
 YDR113C YDR113C::PDS1::May be an anaphase inhibitor that plays a critical
 role in control of anaphase by both the anaphase promoting complex (APC) and
 DNA-damage checkpoints 1 0.941049996 1.534004436 1.129974121 1.343542889 1
 1.189719155 1.167174484 1.463475616 1.32291926 1 0.895421524
 1.125305434 1.111199364 1.533733393 0.922339553 0.729544174
 0.62617731 0.997091808 1 1.116927985 1.506503701 1.102257468
 1.218855711 1.028276187 1.065824351 0.902221125 0.752374702
 1.160685793 1 0.911648662 1.209232742 1.077919632 1.289282042
 1.002443386 1 0.939986235 1.073309918 1.024440797 0.940501915
 1.576026606 0.985077
 YDR127W "YDR127W::ARO1::pentafunctional arom polypeptide (contains: 3-
 dehydroquinase synthase, 3-dehydroquinase dehydratase (3-dehydroquinase),
 shikimate 5-dehydrogenase, shikimate kinase, and epsp synthase)" 1
 1.596277301 1.535233012 1.801617452 1.201201981 1 1.557895834
 1.468308327 1.518802039 1.352261328 1 1.607786264 1.753773164
 1.40742604 1.529983264 1 1.008685227 1
 1 0.98800872 0.952964607 0.781256919 0.885756716
 0.91683773 1 1.538219712 1.535344761 0.844183507 1.117949197
 1.737151201 1 1.241394707 0.740448772 1.02150066 0.653166089
 YDR127W "YDR127W::ARO1::pentafunctional arom polypeptide (contains: 3-
 dehydroquinase synthase, 3-dehydroquinase dehydratase (3-dehydroquinase),
 shikimate 5-dehydrogenase, shikimate kinase, and epsp synthase)"

1.161832179 1.21542993 1.200606898 1.182199313 1 1.046796252
 1.216634806 0.776896981 1.112138621 1.305078367 1 1.011853463
 1.032305898 0.97406586 1.279456628 0.968544814 1.075266311
 YDR129C YDR129C::SAC6::fibrin homolog (actin-filament bundling protein) 1
 0.953342969 0.981282105 1.244968638 0.725430469 1 1.282489221
 1.28244145 0.97553595 1.004064725 1 0.993038582 1.267117387
 1.115710633 0.937498578 1 1.933624896 2.050296229 1.928878521
 1.695792629 1 1.081133657 0.764512564 0.764658658 1.053640029 1
 0.995095413 1.003363232 1.204215209 1.00716728 0.869414225 1
 1.059492916 0.900028642 0.843169918 0.787328863 0.513999556 1
 1.207216704 1.0285993 0.850727593 0.77727609 1.079140399 0.687364863
 YLR015W "YLR015W::BRE2::putative transcription factor, contains a PHD finger
 motif; homology to <i>D. melanogaster</i> Ash2p trithorax transcription
 factor
member of Set1p complex" 1 0.761945967 0.778053606
 1.017590946 1 0.851482542 0.845034418 1.144921895 1
 0.731955282 0.675765472 0.620526196 1.089654993 1 0.564207385
 0.35367518 1.105319774 1 1.348224165 3.166892176 1.454110685
 1.356299417 1 1.000353946 0.951760707 0.979047926 0.923554526
 0.964058323 1 0.813007431 0.826858053 0.847136453 1.044716133
 1.10917327 1 1.128349209 1.202868693 1.391426633 1.333869936
 1.257141838 0.838847796
 YDR131C YDR131C::YDR131C::molecular_function unknown 1 0.826256501
 0.927671363 0.970016171 0.899337907 1 0.886320347 0.941045785
 1.246920611 1 0.981015882 1.082702461 1.011659887 1.199727218 1
 0.850390641 0.82231615 1.510168634 1 1.588215914 4.349720165
 2.33941467 1.658056117 1 1.107727044 1.38563256 1.132254566
 0.808626891 1.024485143 1 1.270333683 1.284749958 1.253642779
 1.343999873 1 1.382177944 1.321501709 1.157293663 1.365108551
 1.096281225
 YLR017W YLR017W::MEU1::Protein that regulates ADH2 gene expression 1
 0.994648393 0.86090633 0.850889324 0.8456729 1 0.84237036
 0.846871425 0.981694119 1.226776034 1 0.830759152 0.585545476
 0.476876837 0.981590058 1 0.647991727 1
 0.965770567 0.679107253 0.307369758 1 0.992688733 0.907273018
 1.022416158 1.100930672 0.822588381 1 0.899389893 0.774806624
 0.648594694 0.714599495 0.774317685 1 0.980095497 0.754550175
 0.924159589 1.057408813 0.644193386 0.999962573
 YDR133C YDR133C::YDR133C::molecular_function unknown 0.929621679
 1.114902791 0.954896653 1.189447368 1.006114932 0.868820171
 0.969885351 0.9007719 0.927131001 1.067236393 0.992112507
 0.863468326 0.672521201 1 2.082109737
 1 1.072487738 1.048312083 1.051833892 1.088665061 0.930065408 1
 1.251582328 0.814301044 1.20251821 1.144982098 1 0.784239962
 0.789492141 0.968500038 0.954593321 1.554232579
 YLR019W YLR019W::PSR2::Plasma membrane Sodium Response 2 1
 0.715404386 0.822866221 0.80080757 0.703208536 1 0.930519665
 0.956886878 0.683574719 0.634845624 1 0.67831444 0.788219187
 0.705425943 0.64918212 1 0.74388272 0.469066163 0.901502873
 0.830836305 1 0.945563661 1.048345047 1.052088207 0.842290148 1
 0.882718038 0.988378477 1.026203128 1.224796974 1.033443642 1
 0.674554171 0.462663037 0.589325032 0.664666155 0.516627288 1
 0.731773127 0.522702785 0.950875834 0.690436026 0.960806567 0.757414768
 YDR135C YDR135C::YCF1::Metal resistance protein with similarity to human
 cystic fibrosis protein CFTR and multidrug resistance proteins 1
 2.001666249 1.582633138 1.738794661 1.884312893 1 1.671320354

1.524397809	1.651795066	1.648229845	1	1.868121556	2.045712207
1.732528728	1.66063009		0.922339553		1.000592588
0.961668356		1	1.037684507	1.201117659	1.170871106
1.018975608	0.857511569	1	0.97585693	0.825472663	0.709778408
0.943074221	0.669543384	1	1.143080428	1.100176501	1.235784582
0.973486957		0.880002116			
YIL018W	YIL018W::RPL2B::Homology to rat L8 and E. coli L2				1
1.258671598	0.993783213	0.787564718	0.922286483	1	1.058691242
0.942848001	0.954484988	1.052543472	1	0.901789737	0.773257036
0.686765466	0.762776166	1	0.858147715	0.408390532	0.300963541
0.473048218	1	1.160131912	0.430998464	0.368574221	0.563755539
1.156548099	0.818962469	1.381678481	1.218828184	1.059444188	1
1.406100815	0.969454386	0.798480369	0.482725518	0.736429726	1
1.131705137	0.878402709	0.905825207	1.031416716	0.912753382	1.101535006
YLR033W	YLR033W::RSC58::Remodels the structure of chromatin complex 58KDa subunit				1
0.894012692	0.863969136	0.89675876	0.869896666	1	0.797892295
0.831147406	0.660772206	0.937829998	1		0.986846333
1.227230314		0.945058152	1.233674508	1	0.947001904
1.023314527	0.869154697	1.051048455	1	1.05011457	0.822279425
0.800035038	0.840522815	0.991910357	1	1.234611201	1.032254594
1.079393227	1.085919616	1.293690318	0.824837783		
YDR137W	"YDR137W::RGP1::Ric1p-Rgp1p is an exchange factor, and peripheral membrane protein complex restricted to the Golgi."				1
0.997558443	1.184502589	1.117281155	1	1.04991958	1.151780122
1.19552524	1.028531682	1	0.923192199	1.105011087	0.680511185
1.229034368	1	0.86041883		1.37335581	0.860736974
0.601010589	0.596385629		1	0.937777802	1.071265083
1.078020687	1.282136573	1.361957358	1	1.013348217	0.606896578
0.778614091	1.380217059	1.001062084	1	0.744613636	0.62772325
1.047646394	0.70197184	1.07045183	0.465831973		
YIL020C	YIL020C::HIS6::phosphoribosyl-5-amino-1-phosphoribosyl-4-imidazolecarboxiamide isomerase				1
1.372226628	1	0.8098213	0.730661644	1.094483649	1.123113421
0.664299002	0.764500027	0.729298802	0.818522173	1	0.673934738
0.657300623	0.503147683	1.371034877	1		0.665185527
0.935349796	0.987216072	0.788972209	0.780768736	0.842945649	1
1.06141388	1.120006437	0.94156565	0.789474744	1.14362887	1
0.969862687	0.987858589	0.868372583	1.333157917	0.782471658	1.04199261
YLR035C	YLR035C::MLH2::Mutl Homolog				1
0.933384326		1	0.933291872	0.879187821	0.83486184
0.818068291	0.842882794	0.556886255	1.088341404	1	0.997527932
1.210342438	1.311168086		0.657754352	0.707832645	0.414198067
1.099994443	1.211057108	1.206202916	1.274618388	1.259045391	1
0.848760115	0.652152161	0.791046707	0.942851089	0.82872595	1
0.881491859	0.807617531	1.158681902	0.884551617	1.359225662	0.788061579
YDR151C	YDR151C::CTH1::RNA triphosphatase/NTPase				1
1.131624497	1.012587042	1.312471293	1	1.071716896	1.067845082
1.090295843	1.102089946	1	0.945461649	1.249880401	1.163695227
1.122143823	1		0.597077293	1.138716151	1.73969927
0.895091746	1.016084498	1.449295118	1.526265046	1	0.956307313
0.769730808	0.583170853	0.959491983	0.957139657	1	0.750493599
0.552826351	0.420050949	0.49235006	1.456580232	1	0.865584541
0.622654723	0.783759608	0.943773215	1.176671481	1.158450512	
YIL022W	YIL022W::TIM44::48.8 kDa protein involved in mitochondrial protein import				1
0.900049921	0.94280025		0.599814076	1	0.835432832
					0.791030811

0.744819121	0.549583531	1	0.910224666	0.743615615	0.878166931
0.932411903	1	0.81471937	0.839902032	0.855926941	0.901202964
1.02190393	1.02925382	1.186608908	1.045290399	0.99895839	1
0.924433749	0.723226791	0.757797257	0.682510718	0.581606505	1
0.873160068	0.592764277	0.778555497	0.578643887	0.76321287	1.044619396
YLR037C	YLR037C::DAN2::Delayed anaerobic gene	1		1.094370827	
1.204061291	0.943235195	1.284131727	1	1.006274792	0.96755022
1.296009231	1.087238477	1	1.047028854	1.10635342	1.760111321
1.10039058	1	1.626335525	0.613480543	1.185733295	1.728921668
1.142908251	1.844015853		0.673154977	1	1.183492549
0.953997429		1.088017925	1	0.761401178	1.172869218
1.01768467	1.194690515	1	0.87991255	1.37183519	1.153488474
1.542257119	1.447312951	1.059505073			
YDR153C	YDR153C::YDR153C::molecular_function unknown	1			
1			1		
	1	0.85702023	0.884755508	0.679392161	1.081463973
0.910962614	1.019150969	0.850167821	0.799377908	0.863598624	1
1.143440889	1.306913135	0.959911729	1.132489582	1.716969678	1
0.965596731	1.072873225	1.114246372	1.243162396	1.127786862	0.908022036
YIL024C	YIL024C::YIL024C::molecular_function unknown	1		0.958858369	
1.232202223	0.96408728	1.257853865	1	0.963317084	0.96677653
1.184424499	1.132463517	1	0.918496971	0.851632365	1.516279686
0.947547473	1	0.807114783		1.256227304	1.455092494
1.137404994	1.815973803	2.005610487	1.173198001	1	0.955574053
1.087533389	1.104253472	0.981671953	1.004893553	1	0.627140302
0.792716644	0.756324189	0.769076657	1.098724973	1	1.075591117
1.150155699	1.35225154		1.439186043	1.457038366	
YLR039c	YLR039c::RIC1::involved in transcription of ribosomal protein genes and ribosomal RNA	1			
1	1.051113669	1.07982135	1.102056632	0.993799818	1
1.159927172	1.050132125		0.775905482	1	1.227457947
0.650089262	1.020810383	1	1.174959187	0.903135852	1.095662419
0.950896258	1.165628751		1.048656714	1	0.981556112
0.955634172	0.878899767	1.051894737	1	1.192455453	0.852348114
0.891466447	1.103002991	0.749179559	1	0.964082059	1.000048649
1.022199696	1.035745674	1.062901702	1.053375628		
YLR041W	YLR041W::YLR041W::molecular_function unknown	1		1.239211924	
1.079511254	1.133193921	1.100981876	1	1.209569576	
0.904800537	1	1.317799932	0.912272948	0.942237329	0.717199482
1.458334122	1.125507959	0.887656559	1.244471681	1	1.473349277
1.190375662	1.476692931	1	1.100475146	1.115215024	0.91398946
1.194280329	0.607511378	1	0.712559449	0.968206192	0.871714612
1.162077926	1.376148713	1	0.930614499	0.889184316	0.965915137
0.801136929		0.519245027			
YIL026C	YIL026C::IRR1::Irregular; involved in sister chromatid cohesion	1			
1.144494699	1.236255413	1.202435196	1.218818112	1	1.36086686
1.224652808	1.19262814	1.081634144	1	1.075658505	1.107549462
1.062409549	1.248732973	1	0.735797009	1.042079791	0.6415392
0.772673542	1	0.729859047	0.972710459	0.687164606	0.666655014
0.941121607	0.940029523	0.852740753	0.948151469	1.016157398	1
0.900766603	0.923342808	0.934155126	1.013797234	0.733629732	1
1.029460055	1.045955413	1.012948625	1.035853326	1.10498658	0.963186421
YLR043c	YLR043c::TRX1::thioredoxin	1		1.214415697	1.668254025
0.866970097	2.235872362	1	1.056759729	1.048179495	1.7173761
1.582535085	1	1.066342535	1.223249434	2.232011158	1.186318264
0.852281424	0.564952574	0.655370732	1.359703985	1	2.130669466
2.942415518	3.531177399	1.506096084	1	1.271581296	1.484432767
1.165437972	1.286426346	1.288927022	1	1.263643299	2.057400639

1.907967733 1.488623274 2.216104015 1 1.006355501 1.380041423
1.082164492 1.56273343 1.174433214 1.389615299
YIL028W YIL028W::YIL028W::molecular_function unknown 1 1.155169165
1.083368938 1.273241037 1.279519209 1 1.17634507 1.082922012
1.228836457 1.302926927 1 1.139734477 1.134992289 1.27904646
1.33797202 1 1.102031645 1.224043026 1.61233864 0.949928285 1
0.922380117 1.637216683 1.486321208 0.8114366 0.927764223
0.961830374 0.961798544 0.846831711 1 0.74295489 0.722838098
0.707763808 0.994763675 1 0.779808311
0.801195979
YLR057W YLR057W::YLR057W::molecular_function unknown 1 1.889547281
1.674735509 1.930672941 1.845201926 1 1.66077118
1.997078101 1 1.291718558 1.350330332 1.410431891 1.504211222
1 1.011263154
1.010242878 0.978028491 1.18982904 1.026569862 1 0.859273625
0.565370787 0.771523506 0.945724867 0.62298871 1 0.713680313
0.556471453 0.623715005 0.627210377 0.740365947 0.446568232
YIL042C YIL042C::YIL042C::molecular_function unknown 1 0.960911954
1.024398981 0.801194522 1 1.133840955 1.10870915 0.855796861
1.028022242 1 1.265250036 1.259906094 1.419543464 1.121896372 1
1.359277311 1.597160348 1.047489229 1 1.071278373 1.682712026
0.988083818 0.998430292 1 0.911470519 1.022293159
1.015141762 1 0.98246304 0.897134675 0.999408741 1.421608754
1.221890537 0.745397077 1.003068755 0.658216209
1.437774573
YIL044C YIL044C::AGE2::ADP-ribosylation factor (ARF) GTPase activating
protein (GAP) effector 1 0.777187169 0.848208566 0.832811753 1.107629285 1
0.870244533 0.880488044 0.902315556 1 0.714382867 0.777788867
0.783697603 0.872063417 1 1.335864051 0.78820037 1.076647439
1.363217179 1 0.907199375 1.816193446 0.933928355 1
0.914810641 0.890132154 0.745594708 0.80089323 0.870004381 1
0.976171768 1.120738708 1.049178268 0.96178966 1.185065259 1
1.098082647 1.097610892 1.014130315 1.086888315 1.217395144 1.799407378
YIL046W YIL046W::MET30::F-box protein involved in sulfur metabolism and
protein ubiquitination 1 0.878535407 0.903189334 1.011579929 0.693130935 1
1.048822428 1.054989348 0.978111208 0.970196214 1 0.807293084
1.007222934 0.766439351 0.949268439 1 0.933616502 0.757754414
0.889598416 1.141476766 1 1.342216411 1.248366754 0.97854756 1
1.001712921 0.913835843 0.950674896 0.85283242 0.905795453 1
0.994210156 0.850693102 0.880799833 0.969306745 1.066957309 1
0.925586038 0.994790757 1.143487813 1.146547194 0.996824377 1.126928036
YIL048W YIL048W::NEO1::ATPase that leads to neomycin-resistant protein when
overexpressed 1 0.767196724 0.684358619 1.13420156 0.834749026 1
1.062755724 1.084151129 0.616247084 0.664082529 1 1.061842743
0.905800319 0.481384913 0.854280143 1 1.12767611 1.130879024
1.197821636 0.595122369 1 0.673825284 0.64613893 0.420984212
0.626054872 1 1.130127285 1.258977556 1.291422906 1.004423647 1
1.013105422 0.83518338 1.100166836 0.909575165 0.693473292 1
1.137920625 0.919452576 1.231444046 0.956122166 0.904660056 0.758290381
YDR155C YDR155C::CPR1::cyclophilin peptidyl-prolyl cis-trans isomerase 1
1.553942624 1.5550492 1.20956001 1.236952129 1 1.243509807
1.321282388 1.460716631 1.611316736 1 1.414663387 1.40366558
3.161982135 1.10966277 1 0.999248352 0.848609915 1.639538276
2.96702794 1 1.118514942 1.819777577 1.878755418 1.391536207 1
1.325122679 1.173989307 1.926613489 1.258256322 0.982286531 1
1.136645043 1.237331372 1.758705478 0.802600195 0.683481402 1
0.874302243 0.903694864 1.0740785 0.616951885 0.764857085 1.005216354

YDR157W YDR157W::YDR157W::molecular_function unknown 1 1.047711616
1.073822217 0.942965654 1.037555962 1 1.062985514 1.05709758
1.162945655 1 1.226881253 1.032846871 1.567416632 0.957029825 1
0.763185097 0.773186246 0.915555973 0.963707 1 0.85126336
1.197974596 0.958805903 0.87457093 0.984908215 0.932366224
0.901210812 0.911381698 1.084135992 1 0.785494399 0.797899439
0.78786842 1.018229416 1.073375185 1 0.816979293 0.875237903
1.191817975 1.100432976 1.192864214 1.081395653
YDR159W YDR159W::SAC3::involved in processes affecting the actin
cytoskeleton and mitosis 1 1.128533927 1.082958415 1.259749954
1.421683537 1 1.258442742 1.171357927 1.154176044 1.018410949 1
1.050213265 1.159179925 1.102632967 1.26655098
1 0.624518478 1.054525192 1.149580806
1.030532501 0.880355933 1.022896173 1 0.906667221 0.813518359
1.18036449 0.98445426 0.870240447 1 1.03921799 1.019921355
1.105848893 1.125208121 1.140346147 0.737275415
YDR161W YDR161W::TCI1::protein phosphatase Two C-Interacting protein 1
0.723714489 0.652897365 0.776853861 0.869837703 1 0.660862259
0.645596817 0.792195296 0.971017627 1 0.565687876 0.396875466
0.383553995 0.854992178 1 0.37069383 0.195901343 0.190644785
0.520871944 1 0.87078655 0.372919959 0.233407588 0.687819906 1
1.004669561 0.760977524 0.912582151 1.038859268 1.115815328 1
1.042575981 0.801000539 0.828296485 1.031258012 1.313189645 1
0.741296671 0.633086315 0.709343928 0.960480999 0.46870374 0.851106531
YLR059c YLR059c::REX2::RNA exonuclease 1 0.914876347 1.028656766
0.835814692 0.872877495 1 0.876839565 1.387412002 1.017704331
1.03376386 1 0.777091757 0.710159285 0.943593217 1.002602721 1
0.677684822 0.467332541 0.58925159 0.8787602 1 1.055321285
1.197396797 1.091402719 0.811797854 1 1.23782196 1.06807329
1.160844438 0.999436166 0.891016714 1 0.974337638 0.890622486
1.267187881 1.126092406 0.791471175 1 0.971110402 1.072899954
1.05157897 0.995335137 0.690399031 1.277535408
YDR175C YDR175C::RSM24::mitochondrial ribosome small subunit component 1
0.85820619 1.213470444 1.159930133 1.383782738 1 1.126043674
1.119186932 1.196398052 1.318904273 1 0.938340753 0.903476927
1.058963296 1.11638744 1 1.037457363 0.646955582 0.723121956
1.126795862 1 1.48367829 1.267963584 0.992607214 1.243133274 1
1.016050804 1.169837568 0.822214617 0.719722197 0.899616582 1
1.182552596 1.100113648 1.192280282 0.732901048 1.167399257 1
1.320521207 1.017443724 0.948101127 1.182095724 1.461892188 0.890509573
YLR061W YLR061W::RPL22A::Homology to rat L22 1 0.891084042
1.31451864 0.774168372 1.751412878 1 0.823584138 0.839308323
1.328517639 1.113341806 1 0.589802302 0.658561794 0.895300441
0.893535678 1 0.623655389 0.292140757 0.239335957 0.739501999 1
1.22995411 1.257440847 0.765712001 1 1.088354482 0.879138662
0.61944112 0.835774938 1.0235639 1 1.256278533 1.744673579
1.261625941 0.952153937 2.028113304 1 0.991410114 1.596043203
0.959417927 1.840146295 0.904844308 1.314311665
YDR177W YDR177W::UBC1::ubiquitin-conjugating enzyme 1 1.119086511
1.439089036 1.31843109 1.918454493 1 1.186312626 1.232111698
1.644330194 1.651767849 1 1.310554715 1.307860027 1.803067561
1.646534616 1 1.097028437 0.829136263 0.860483482 1.680726118 1
1.741118298 1.823410689 2.256418005 2.031289883 1 1.298567205
1.292986789 0.954503694 0.812829574 1.274465308 1 1.419458579
1.609948819 1.987765966 1.25528008 1.987393171 1 1.216696628
1.614933075 1.141521433 1.733859484 1.354309521 1.178589866

YLR063W YLR063W::YLR063W::molecular_function unknown 1 1.211021085
1.052948575 1.316847751 1.009245098 1 1.320934941 1.223751621
1.101034804 1.232952703 1 0.812355583 0.790927398 0.941345142
1.103177215 0.629164015 0.83167534 0.876065496
0.52580921 1 0.965787588 1.234686069 1.222770957 1.069147723
0.907009457 1 0.694235941 1.019028146 0.673843793 0.867970404
0.455960447 1 1.163463863 1.588414789 1.436848288 1.176390732
0.720340423 1.36860028
YDR179C YDR179C::CSN9::Cop9 Signalosome (CSN) 1 1.261340549
1.43651394 1.351066565 1.925853752 1 1.110136602 1.089629209
1.820628252 1.683265001 1 0.975868634 1.054767584 1.578461969
1.302101412 1 0.743362091 1.034005632 1.644616276 1.341799219 1
0.644364365 1.561224864 0.728065165 0.564886323 0.757797275
0.956578429 1.318132785 1.313008172
0.786189022 0.672479238
YIL050W YIL050W::PCL7::PHO85 cyclin 1 0.972490025 0.993674917
0.931534877 1.278001902 1 1.048266722 1.059832088 0.941968737
1.072767561 1 0.734177723 0.91680506 1.048860229 1.179138574 1
1.253100607 0.954610444 1.561037758 2.027102158 1 1.059196275
1.419295307 1.385961288 1.460219895 1 1.114809497 1.084962809
1.095612362 1.092577183 0.883218266 1 0.86358799 0.831990187
0.728158711 0.683712858 0.939062804 1 0.940203894 0.848943551
1.087052327 1.161220226 1.158450512
YLR065C YLR065C::YLR065C::molecular_function unknown 1 1.283681361
1.241056661 0.995131906 1.779280563 1 1.127373213 0.950942422
1.281890428 1.425275463 1 1.020438256 1.027161267 1.284795125
1.032501644 1 1.105145221 0.892360993 0.921066236 1.347327257 1
1.290173759 1.142615657 1.149281958 1 1.137176695 1.328355645
0.718600154 0.868029974 0.830498874 1 0.560089794 1.126755247
1.02595579 0.735053904 1.197419431 1 1.227040224 0.988792212
0.926861298 1.926120397 1.150659039 1.56036192
YDR181C "YDR181C::SAS4::Involved in silencing at telomeres, HML and HMR" 1
0.621688141 0.873848268 0.921127829 0.945493121 1 0.811390343
0.820016927 0.914727854 1 0.801967938 0.944251518 0.769548769
1.042258733 1 0.841144434 0.97245647 1 2.135806041
1.267866289 1 1.008498989 1.291079081 0.962860351 0.850654883
1.191424867 1 1.133472669 1.211285541 0.882900492 1.477043468
1.466927271 1 1.219038149 1.29702864 1.393993561 1.361177085
1.488649423 0.897514579
YIL052C YIL052C::RPL34B::Homology to rat L34 1 0.775298864
1.161190605 0.734812429 1.680978724 1 0.867013661 0.852378236
1.164888053 1.168432115 1 0.712956608 0.724192664 0.649712927
0.853008357 1 1.039646149 0.501867144 0.601206515 1
1.195676415 0.794152989 0.430215235 0.800510034 1 0.935441582
0.89622459 0.586321536 0.79242678 0.971401909 1 1.355646676
1.762616148 1.09045726 0.982088697 2.224584212 1 1.019610161
1.334236815 1.094867341 1.983913103 1.100245042 1.147943055
YLR067c YLR067c::PET309::Involved in expression of mitochondrial COX1 by
regulating translation of COX1 mRNA and by affecting transcription or stability
of COX1 mRNAs 1 0.944893963 0.906262208 1.096649232 0.900979192 1
1.001184452 0.997803065 0.954913025 1 0.83356885 0.941489568
0.743734295 0.960167576 1 0.855512528 0.842973917 1.426453935 1
1.066385467 1.407114748 0.93266471 1 0.855928588 0.897879294
0.91520357 0.784932667 1.013293046 1 0.921257895 0.748556344
0.964156764 0.889236778 0.6447628 1 0.738518888 0.777419673
0.783038929 0.939345151 0.741219153 1.222371128

YDR183W YDR183W::PLP1::Phosducin-Like Protein 1 0.976822537
1.06619129 1.099243423 1.290313225 1 0.91622361 0.947975818
1.076901153 1.19966706 1 1.01986666 1.14019226 0.992519266
1.214239812 1 1.485264956 1.66556356 1.201137686 0.954509628 1
0.616207929 0.586366894 0.498407345 0.503876957 1 0.9862884
1.350012724 0.953202163 0.973279455 1.136287083 1 0.842305664
1.49577552 1.295192907 1.545980596 1 1.104617985 1.224029599
1.130045593 0.937797456 1.143652274 1.12167436
YIL066C YIL066C::RNR3::Ribonucleotide reductase (ribonucleoside-diphosphate
reductase) large subunit 1 0.810228315 0.697729353 1.151801602
0.620865084 1 1.155959267 1.170283289 0.62742871 0.762934563 1
0.891587967 0.728537418 0.543479277 1.472044743 1 1.021396884
1.557275063 1.953324305 0.762821155 1 0.541736939 0.336425139
0.173192839 0.391447152 1 1.252102395 1.336458239 1.648075883
2.180121634 1.544286697 1 0.982600568 0.727216928 1.176936496
1.533513951 0.574837755 1 0.689058912 0.561675318 0.742513259
0.517290241 0.826869935 0.350249605
YLR081w "YLR081w::GAL2::Galactose transport, also able to transport hexoses"
1 1.394471744 1.033328948 1.42290568 1.041817846 1 1.531227645
1.385450675 1.071511858 1 1.518029854 0.792674477 0.994869429
0.916818474 1 5.280334847 3.341136254 4.668817788 2.222015575 1
1.416661447 0.61231483 1 1.033024592 0.948058965
0.95155072 0.829834757 0.96260243 1 0.958546981 0.719056786
0.814164564 0.976248335 1.047020204 1 1.395165769 0.781412162
0.581827433 1.463503495 1.510246929 0.941295842
YDR185C YDR185C::YDR185C::molecular_function unknown 1 1.309891944
1.314108059 1.274265902 1.510405693 1 1.31918226 1.072697726
1.489977318 1 0.841274692 1.090455607 1.690974173 1.283661089
0.568667477 0.586368788 0.602380953 0.676380993 0.632911937
0.575482443 0.420720852 1 0.896734027 0.97046174 0.800660055
0.903893128 0.956536606
0.604888145 0.98951376 0.915645032
YLR083c YLR083c::EMP70::identified as a 24 kDa cleavage product in endosome-
enriched membrane fractions 1 1.115609829 0.672751935 1.024444968
0.526521197 1 1.080308132 1.020667859 0.549349074 0.677165456 1
1.002354149 0.557374273 0.296458774 0.688323479 1 0.515384395
0.293213486 0.243136723 0.371820999 1 0.405241101 0.161716068
0.110017071 0.229824098 1 0.890752698 0.520819566 0.569827117
1.192760733 0.899761158 1 0.976105845 0.26649551 0.589294663
0.424538615 0.199578628 1 0.603298559 0.26029122 0.591790187
0.505080396 0.41220301 0.467583198
YIL068C YIL068C::SEC6::cytoplasmic protein involved in fusion of post-Golgi
vesicles with the plasma membrane. The Exocyst complex is required for
exocytosis. 1 0.965887231 0.890028653 1.091253905 0.911649832 1
1.016843099 0.888693529 0.910533253 1 1.075848318 1.212207322
0.573638413 0.997315782
1 0.972282586 0.824195096 0.809749947 0.830796617 0.986565598 1
1.078096863 1.515672909 1.06828886 0.983489777 1.532576404 1
1.137957251 1.363366949 0.892945055 1.547134203 0.952289636 1.068261305
YLR085C YLR085C::ARP6::Actin-related protein. Part of the carboxypeptidase Y
pathway. 1 0.949270285 1.022015984 1.010743238 1.090691189 1
1.006607509 0.976533957 1.145957044 1.187996487 1 0.996764565
0.961037006 0.934604286 1.071594203 1 0.860909517 0.519729887
0.858422302 0.943096311 1 0.761089748 1.364395217 1.304349958
0.422366035 1 0.93651052 0.941282416 1.015297524 1.403890646
0.83407816 1 0.944895372 0.989455288 1.097595201 0.811645179

0.788380594		0.901066848	0.965823751	0.794530567	1.237816429
0.777619585		0.899265805			
YIL070C	YIL070C::MAM33::33-kDa mitochondrial acidic matrix protein 1				
0.782681088	1.05181391	1.092879763	1.117785386	1	0.872147092
1.04182608	1.223753396	1.234483471	1	0.763970741	0.847286728
1.255095713	0.964670445	1	1.055639038	0.831321534	0.979053781
1.519968318	1	1.245228712	1.893244851	1.800660186	0.777362751 1
1.409264987	1.266572254	1.062351809	0.856364314	1.129978507	1
1.332141891	1.368796801	1.126838224	0.726620336	1.009772232	1
1.444625315	1.439386167	0.860856695	1.241269221	2.051090086	1.545476347
YLR087C	YLR087C::CSF1 1.124165016 0.942941314 1.094664903				
1.117982559	1.125977049	1.169776893		1.065562378	
0.951243618	0.927617782	0.865907402	0.962346168		
		1	0.928557295		0.829337007
0.986317089	1	0.958771231	0.857576755	0.818315547	0.883571829
0.707980777	1	1.138141503	0.948205616	1.02061727	1.280290486
0.913275817					
YIL072W	YIL072W::HOP1::Meiosis-specific protein involved in homologous chromosome synapsis and chiasmata formation 1 1.206235075				
1.099847536	1	1.31353644	1.255754786	1	1.006449732
1.080290047	1.517456019	1.185574158	1	0.726170727	0.991014695
1.36581113	0.79753483	1	0.80168792	1.814477302	1.064467176
0.701312386	1	1.122180386	1.245282101	1.062607385	1.027456765 1
0.542510693	0.632733554	0.834294012	0.632143472	0.665874759	
0.768122575	0.855973834	0.970745315		0.983494674	1.070888195
YPR108W	"YPR108W::RPN7::Regulatory Particle Non-ATPase, homolog of mammalian proteasomal subunit S10/p44" 1 0.635269561 0.757202841 0.919562917				
0.865106906	1	0.816288099	0.879448018	0.905654013	0.793069878 1
0.743633588	1.12836414	0.97372119	0.812715802	1	1.164139211
1.27323518	1.280899155	1	2.176504066	1.500360626	2.215771573
2.015568962	1	1.203329283	1.65782054	1.791542489	0.926269241
1.248598516	1	1.282904144	1.553935308	1.402629873	1.000355677
0.71166977	1	1.441791464	1.740283318	1.540238912	0.975879917
1.431877781	1.061256299				
YLR089C	YLR089C::YLR089C::not yet annotated 1 0.990320002 1.010192909				
0.851125938	0.67682735	1	1.024926379	1.143812718	0.649409421 1
1.055949352	0.896308662	0.608449817	0.786553586	1	1.146164426
1.095521184	1.277891023	1.148575679	1	0.567654329	0.601037909
0.816564347	0.779788755	1	1.110812467	0.932786935	1.070003235
1.331952603	1.113770896	1	0.87881985	0.525226413	0.967552585
0.71700942	0.575112116	1	0.870416283	0.676157046	1.061323282
0.920662611	1.428917183	0.675106128			
YPR078C	YPR078C::YPR078C::molecular_function unknown 1.036743663				
1.044296101	1.019106737		1.070283556	1.241171655	1.119608138
1.221679638	1.15137854	0.892713129		1.170870824	1
0.765834929	2.178830833	1.213388605	1	0.845785123	1.312651548
0.789819471	1	0.998829877	1.03458298	0.76275928	0.950668622
0.902558363	1	1.329967495	1.136467929	1.347429548	1
0.899116386	0.926280857	0.816297207	1.098788039	1.0693681	
YIL076W	YIL076W::SEC28::Part of a heptameric protein complex that regulates retrograde Golgi-to-ER protein traffic in eukaryotic cells; coatomer forms the COP I vesicle coat whose functions are essential 1 0.730378752				
0.879636487	0.86570378	1.267403981	1	0.807405648	0.800437002
0.898421156	1	0.707482501	0.948828309	0.910056273	0.912050788 1
1.428287266	1.069032854	0.897739632	1.485607543	1	1.197190886
1.381959603	1.91198529	1.141023673	1	1.028770126	1.220117178
0.923881517	0.754676126	0.992752853	1	1.303229373	1.872646997

1.700329099 1.071471928 1.328625782 1 1.370594543 1.488322652
1.103841911 1.337164134 1.496017545 1.298550427
YPR110C YPR110C::RPC40::RNA polymerase III (C) subunit 1 0.862633574
0.600197691 0.669629956 0.720091604 1 0.664267246 0.604025104
0.700838784 0.816854339 1 0.685232182 0.412879519 0.312023994
0.74562435 1 0.582999523 0.309129609 0.580115717 1
0.842756018 0.358045281 0.646001567 1 0.958954465 1.008822792
0.894923028 1.088295565 1.013953778 1 0.859255035 0.715966671
0.57247489 0.661688921 0.873204479 1.141957375 0.808895201
0.96865996 1.356511193 0.794089589 0.913275817
YIL091C YIL091C::YIL091C::molecular_function unknown 1 0.77717441
0.609600197 1.078417046 0.8333761 1 0.74706764 0.738181571
0.857142112 0.993400218 1 0.403708629 0.350853322 0.892818498
0.750284727 1 0.209624399 0.236516252 0.409473919 1
0.360345112 0.414878604 0.259035644 0.721616265 1 0.606524107
0.510916225 0.518665797 0.725021135 0.983780085 1 0.689992811
0.676227833 0.649756557 1.152707407 1.157643162 1 0.614345482
0.693667017 0.974532384 0.726762973 0.683813181 0.725892293
YPR080W YPR080W::TEF1::translational elongation factor EF-1 alpha 1
1.068287996 0.758402902 0.7857136 0.706279661 1 0.93121029
0.85252812 0.686639705 0.858065025 1 0.888653667 0.727542259
0.498714461 0.730780997 1 0.707995951 0.724741847 0.794420224 1
0.976257804 0.404797154 0.166358011 0.589098596 1 1.253220397
0.796253786 1.576573405 1.722208504 1.423168593 1 1.443731096
0.955693386 0.798780456 0.470822226 0.468822742 1 1.136762136
0.560062249 0.635301554 0.856996577 0.632558694 0.830091564
YIL093C YIL093C::RSM25::mitochondrial ribosome small subunit component
0.714146439 0.886000401 0.917997844 0.819397065 0.951198808
0.923511095 1.016001311 0.761959459 0.858866179 0.493134841
0.999547796 1 1.311644204 1.063018103 0.752039782 0.849741223 1
1.207475339 1.509332589 1.063406607 1.015235003 1 1.15627213
1.397809119 1.020481391 0.815916767 1.062446635 1 1.288677696
1.293079227 1.284934951 0.907875526 0.94929836 1 1.228224584
0.93802407 1.069837344 0.871964364 1.33487876 1.093654335
YPR112C YPR112C::MRD1::Multiple RNA Binding Domain; essential for synthesis
of the small ribosomal subunit 1 0.634791878 0.516214416 0.689672188
0.6773126 1 0.595307928 0.551572426 0.774072021 0.817582918 1
0.393564553 0.28619418 0.239350458 0.864744766 1 0.185469687
0.14545746 0.340699878 0.550650979 0.551281968 0.375578023
0.559873994 1 0.591256229 0.540412607 0.747330801 0.923673906
0.750479091 1 0.772390604 0.565426819 0.593625647 1.493781049
0.949353622 0.615861587 0.903052382 1.200137365 1.327222892
0.604684504 0.809076598
YPR082C YPR082C::DIB1::Homolog of S. pombe dim1+ 0.994879931
1.124013353 1.274617683 0.762758634 0.760080313
1.182030799 0.915074692 0.965695608 1.146363253 0.977031047 1
1.071483401 0.627131164 1.193724254 1 2.183738244 2.540022871
2.412176501 1.118995616 1 1.001501008 1.065442604 0.621173298
0.910079183 1.015137551 1 0.8794299 1.358038484 1.11591961
1.056327824 2.066289344 1 1.317064066 2.210348915 1.494034775
2.99886666 2.329778425 1.460540817
YDR199W YDR199W::YDR199W::molecular_function unknown 1 0.904182138
1.362544339 0.936913249 1.636689021 1 0.955002562 0.907225599
1.516659541 1.329423387 1 1.058248724 1.314670286 1.776766038
1.474220221 1 1.48346198 1.342201349 1.497204929
0.642620168 1.036588998 0.907444974 0.317443123 1 0.78693566
1.073390776 0.71746216 0.551568366 1.023947052 1 1.421338005

	1.659983034	1.920368813	2.206086297	1	1.242089612	1.506503408
	1.434028861	1.499592548	1.85384057	1.078768762		
YDR201W	YDR201W::SPC19::Spindle Pole Component of molecular weight 23kDa 1					
	1.712123649	1.581676709	1.474125839	1.746537212	1	1.395667295
	1.338203584	1.564306397	1.663965468	1	1.569632689	1.60574748
	1.830048682	1.185732229	0.974770855			
	1	1.043187688	1.273357687	1.102063852	1.19511044	1.151471023
	0.889252963	0.99456741	0.659274057	0.863377355	0.866798337	1
	0.79567232	0.779780384	0.877002242	0.827762213	0.793662127	0.715384783
YDR203W	YDR203W::YDR203W::molecular_function unknown 1 1.120810653					
	1.414047199	1.553431269	1.875768464	1	1.35790873	1.314562482
	1.57617146	1.291026743	1	1.380109546	1.389881052	1.295401231
	1.504612441	1.072184786	0.851339885	1.370704296	2.010687155	1
	1.368868065	1.602322907	1.086430958	1	1.4444404788	
	0.987867582	1.153124682	1	1.094768414	1.56044482	1.226869456
	1	1.24559001	0.843279932	1.207414038	1.170714377	1.413579062
	2.341418598					
YBL090W	YBL090W::MRP21::Mitochondrial Ribosomal Protein 1 0.884977982					
	0.965807497	0.875967388	1.065387989	1	0.769535422	0.785394649
	1.046571788	1.153810628	1	0.840921181	0.690847969	0.805351821
	0.95959233	1	0.774613998	0.59368921	0.784521484	0.915119594
	1.298292491	1.450299412	1.500421374	0.629636095	1	1.105759751
	0.813348809	0.84010229	0.897282276	1	1.078560409	1.008359018
	0.760400348	0.863431113	1.204418655	1	1.2324248	1.337842818
	1.176587485	1.356206848	1.579057568	1.072639421		
YDR205W	YDR205W::MSC2::Meiotic Sister-Chromatid recombination; transmembrane protein (putative) showing some protein similarity to Zrc1p and Cot1p 1					
	1.379404287	0.838772277	1.045595238	0.774358023	1	1.134199019
	1.069449739	0.878186339	0.740237044	1	1.389051445	0.940341774
	0.673662798	0.90726422	1	0.869857231	0.772976664	0.820679444
	0.360643185	1	0.678093455	0.671342974	0.49968091	1
	1.185519619	1.137791374	1.657097058	1.250556051	1	0.89345299
	0.509426639	0.791857333	0.412335892	1	0.584292178	0.503541125
	0.763688383	0.517141152	0.677903691	0.352000857		
YBL092W	YBL092W::RPL32::Homology to rat L32 and mammalian L32 1					
	1.055534452	1.09221022	0.908452903	1.06648257	1	0.90971207
	0.997514677	1.064357036	0.963773101	1	0.85678375	1.081195423
	1.037458525	0.899053172	1	0.725738175	0.487410046	0.341005897
	0.482954944	1	1.247680113	1.100691186	0.66917938	0.771238506
	1.016710416	0.85779789	0.656874314	0.845471951	0.947524962	1
	1.193731704	1.75451643	0.892085386	0.832286342	1.693090027	1
	1.231412062	1.435870242	1.044641145	1.848271438	1.06876851	1.235505476
YDR207C	YDR207C::UME6::Regulator of both repression and induction of early meiotic genes. Ume6p requires Ume4 for mitotic repression and interacts with and requires Ime1p and Rim11p for induction of meiosis-specific transcription 1					
	1.232282856	1.26588203	1.199190682	1.271902958	1	1.087065476
	1.143641979	1.243173445	1.188360269	1	1.326010894	1.159192011
	1.367475242	1.17242002	1	1.019849866	0.625509536	0.847492748
	0.806035158	1	1.31916644	1.483393536	1.158802694	1.117630443
	1.070400252	1.110055424	1.078800503	0.926843114	1.246088593	1
	0.953201098	1.146317906	0.949899597	0.835992132	1.801992943	1
	0.702001527	0.966426014	0.918809667	1.284832225	1.536498557	0.873872775
YBL094C	YBL094C::YBL094C::molecular_function unknown 1 1.886105743					
	2.034138526	1.721159806	2.12214585	1	1.573816973	1.546932037
	2.170882217	2.138971258	1	1.431895498	1.418441677	2.251195942
	1.73766824	1		1.362964631	2.082867329	1
	1.505825437		1	0.927272187	0.843225263	0.63846825

	0.796676397	0.863040707	1	0.83699074	0.973335325	0.717867196	
	0.923840548	1.577445619	1	0.801602348	1.077593684	1.076128481	
	1.724567974	1.277028591	1.03761439				
YDR209C	YDR209C::YDR209C::molecular_function	unknown	1	2.244832619			
	2.325291723	1.72968601	2.711028229	1	1.878477466	1.393171226	
	2.247896416	1.88815612	1	1.964931966	1.760383409	1.958322021	
	2.048524566						1
	0.899957785	0.68196029	0.766731997	0.853881	0.853170297	1	
	0.665289488	0.861821514		1	0.981585263		
	0.766427164	1.901270693	0.712242754	2.477140293			
YBL096C	YBL096C::YBL096C::molecular_function	unknown	1	1.256002091			
	1.10066454	1.165750097	0.972395135	1	1.141624725	1.108660072	
	1.032138178	1.075374044	1	1.052849957	0.986013473	1.021733203	
	0.981855926	1	1.014983308	0.733078593	0.939988423	1.006980734	1
	1.043739782	0.819767982	0.687196653		1	0.825677823	0.87356431
	1.096946621	1.061711624	1.102294122	1	0.789263081	0.690896454	
	0.770790695	0.762897797	0.930304646	1	0.604654259	0.752821702	
	0.904069721	0.868213329	0.883118377	0.858111537			
YDR223W	YDR223W::YDR223W::molecular_function	unknown	1	1.858044013			
	1.683163931	1.899851788	1.507670947	1	1.693163775	1.593573605	
	1.572815732	1.634204661	1	1.950284281	1.729474505	1.6682002	
	1.758352349	1		1.660208532	0.862383155	1	
	1	1.00603998	1.321679445	1.118367621	1.10765883	1	
	1.000456707	0.669036838	0.850670852	1.125754415	0.814909745	1	
	0.577193177	0.736883682	0.833588974	0.714057878	0.672675412	1.745994219	
YBL098W	YBL098W::BNA4::Biosynthesis of Nicotinic Acid		1	0.897913539			
	0.773206181	1.053399777	0.919644197	1	0.973170244	0.903583088	
	0.890082259	0.884640395	1	0.81532163	0.889128512	0.894153434	
	0.966261564	1	0.965426864	1.724933216	1.722733443	0.846379863	1
	0.868380075	0.641317659	0.603615604	0.614309644	1	0.740855407	
	0.914221036	0.886142505	1.087623315	1.260491806	1	0.997178903	
	0.610580074	0.828561456	1.033864116	1.979904825	1	0.919639761	
	0.684079192	0.701320933	0.838852886	1.756454483	0.758290381		
YIL095W	YIL095W::PRK1::p53 regulatory kinase			0.788023662			
	0.711140831	1.073928996		0.805113985	0.797932736		
	0.648630001	1.010809601					
		1	0.809845768	0.809091642	0.711171711	0.752773886	
	0.965103061	1	0.932698426	1.055095729	0.941434565	0.666291877	
	0.916693829	1	0.99452679	1.221350425	0.949940481	1.131737264	
	1.245137372						
YDR225W	YDR225W::HTA1::Histone H2A (HTA1 and HTA2 code for nearly identical proteins)		1	1.862654849	1.73564073	1.223944442	2.718509825
	1.245143909	1.214723668	1.925242029	1.700328643	1	1.276886017	
	1.091198738	1.158390924	1.730714594	1	0.758433045	0.662844304	
	0.462460048	0.704042152	1	1.499133411	1.119589756	0.875245801	
	0.994691069	1	0.801629054	0.755705502	0.660079527	1.119176355	
	1.012024231	1	0.50038996	0.958557575	0.67052806	0.826469429	
	1.437514358	1	0.542619743	0.82428797	1.165951987	1.826268078	
	1.52349236	1.089276219					
YIL097W	YIL097W::FYV10::Function required for Yeast Viability on toxin exposure			0.855744456	0.800589064	0.854263542	0.789049008
	0.784244733	0.69163958	0.713678945		1.015142153	1.305222744	
	0.938850443	1	1.392200653		1.180113608		
	0.942658611	0.997099083		1	1.277242459	1.732546646	1.264418075
	0.874540237	1.27251937	1	1.69224482	2.277311713	2.229839627	
	1.653690703	2.326197312	1	2.711833101	2.548271993	0.447435681	
	2.588769597						

YDR227W "YDR227W::SIR4::regulator of silencing at HML, HMR, and telomeres"
1 1.16900074 0.954234664 1.138399922 0.923933849 1 1.16720805
1.119514937 1.0415801 0.930752413 1 1.140570039 1.082832489
0.860714073 1.168722954 1 1.401805272 1.100591596 0.835562384 1
0.710075607 0.415537204 0.262626357 0.459894573
1.637736059 1 1.072930046
1.997516424 0.879524483
YDR227W "YDR227W::SIR4::regulator of silencing at HML, HMR, and telomeres"

1

1.009680001 1.002997598 0.970521387 0.911587303 1.009139622 1
0.949138517 1.297351927 0.631945571 1.118151054 0.870154239 1
1.5048489 1.56922466 1.724805281 1.53571264 1.088400659
YDR229W YDR229W::YDR229W::molecular_function unknown 1 0.867359678
1.145848101 1.135082312 1.012465265 1 0.979179103 1.07436081
1.269250829 1.117420811 1 0.923667716 1.358486229 1.43269487
1.29690446 1 1.722848453 0.866995508 1.250545546 1.475740003 1
2.009948035 1.718033357 1.478320743 1.406657788 1 1.17562112
1.199109008 0.872048627 1.164117871 1 1.235704439 1.540497934
1.41102318 1.066491298 1.081124597 1 1.073516307 1.224860147
0.878432877 1.079107782 1.058629408
YBL112C YBL112C::YBL112C::molecular_function unknown 1 0.75826026
0.647302016 1.063181857 0.477583852 1 1.140274993 1.103927044
0.641395617 0.543819361 1 1.073754971 0.884686109 0.974762268
0.720812564 1 0.711996206 0.609632062 0.385609419 1
0.850462359 0.661161776 0.559113493 0.986196022 1 0.732550535
0.998427174 1.096786156 1.033078037 0.952002644 1 0.699530667
0.48810825 0.921801105 1.340915792 0.513010567 1 0.742370702
0.732000541 1.173226311 0.495926269 1.075269454 0.676857354
YIL099W "YIL099W::SGA1::intracellular sporulation-specific glucoamylase
involved in glycogen degradation. Induced during starvation of a/a late in
sporulation, but dispensable for sporulation" 0.911152392 0.865501669
0.781584055 0.746953358 0.957685858 1.058840233 0.77191323
1.230124858 1.099404672 1 1.593591144
1.036371569 1.134596124 1.037423901
0.858314198 1 0.88824469 2.343560921 1
0.742635527 1.304354416 0.123084708 2.289239457 0.682111082
YBR001C YBR001C::NTH2::hydrolyzes trehalose; may be involved in growth
transition from glucose to glycerol; shows significant sequence similarity to
Nth1p 1.046593979 0.866640472 0.73422675 0.997639873
0.939116631 0.780586374 0.959683077 1.019639174 1
0.785093765 0.6063692 1 0.809439183 1.112740544
1 1.124388427 1.272860735 1.243579906 0.832982915 1.422794136 1
0.460387293 0.586586729 1.05109732 0.956511652 0.797595131 1
0.668481416 0.581534117 0.941962757 0.577409425 0.940950083 0.744280421
YIL101C YIL101C::XBP1::DNA-binding transcriptional repressor
0.994879931 0.958884765 0.786056648 0.529622237 1.015800776
1.2170073 0.711200925 1.381654305 1.81927327 2.576687941
0.756758499 1 3.65385769 0.967259099 0.504084309
0.947131496 1 1.03740656 1.439909649 1.371537902
1.267485677 1.173081344 1 0.944547174 0.785589597 1.477358751
0.906588008 0.868114862 0.783216062 1.00515411 1.723468524
0.751285375
YBR003W YBR003W::COQ1::hexaprenyl diphosphate synthesis 1 1.146195911
0.973603413 1.239920319 1.144416279 1 1.128430542 1.183132601
1.125246219 1.050844479 1 1.252179699 1.136931351 1
1.286905619 1.14029428 0.997886439 1 1.146067903 1.381018815

1.023504633 1.18038163 1 1.242061147 0.999672467 1.076261051
1.097780395 1.18219935 1 1.077913751 0.942579084 1.121419177
0.806657791 0.834472283 1 1.123608023 0.907396502 0.879774193
0.93603015 1.152790934 1.075266311
YIL115C YIL115C::NUP159::Located on cytoplasmic side of nuclear pore
complex; may be involved in nuclear import or mRNA export; binds to karyopherin
beta and a nuclear transport substrate in vitro 1 0.935357682 0.539232616
1.049166151 0.600517541 1 1.052771949 0.484820134 1
1.199873609 0.930592797 0.281739747 0.870613422
1 0.786579659 0.613741906 0.978352961
1.039107686 0.713079087 1 0.794950847 0.56269724 0.632617186
0.722865716 0.383121244 1 0.735235584 0.713692643 0.996627462
0.520173254 0.614332784 0.777554122
YBR005W YBR005W::YBR005W::molecular_function unknown 1 1.827665062
1.503748232 1.42164167 1.085728002 1 1.37428985 1.309020805
1.432938503 1.493718291 1 1.405442095 1.487392901
0.708274855 0.585292896 0.694525988 0.54483015
1.125283348 1.110924023 1.017063219 0.91572652 1
1.582620586 1.828320175 2.185754008 1.935871188 1.846845754 1
0.954658744 0.843660024 1.060617209 0.937735851 0.915027042
YIL117C YIL117C::PRM5::pheromone-regulated membrane protein
1.014580489 0.786056648 0.884987961 0.818452127 0.810605889
0.829437463 0.758283898 1.12485469 1.230124858 1.092609213
0.953535264 1 1.401469426 1.464384945 1.489453069 1
1.728802799 2.358266142 1.336579481 1 1.094282297 1.13587065
0.879978439 0.731709614 0.804599345 1 1.847128544 1.382879602
1.451317219 2.224808675 1 1.657958564 1.31144678 0.753377344
0.306874934 1.131046986 1.156699286
YIL119C YIL119C::RPI1::inhibitor of ras 1 1.537685406 1.181360794
1.158419903 1.368031168 1 1.212201287 1.161467473 1.083620159
0.860744614 1 1.321676636 0.743284899 1.293366182
1.356053228 2.568782953 1.228684609 1.357420097 1 0.577389576
1 1.237247956 1.286348954 1.218536232 1.357257018 1.028624373 1
1.206373017 0.921295373 2.028069041 1.078158209 1.311714377 1
1.432403369 1.006868212 1.383372809 1.291787831 1.831369915 0.757414768
YIL121W YIL121W::YIL121W::molecular_function unknown 1 1.095689294
0.748756808 0.833398545 0.430955157 1 1.178042702 1.05420328
0.816983123 1 1.275586826 1.161055084 0.691042574 0.846206097 1
0.731139094 0.073000902 0.387307381 0.314641065 1 1.402257157
0.739182305 0.663995597 1 1.153371577 1.486658915 1.453950859
1.489749701 1.177404854 1 0.938301472 0.694490409 1.054355846
0.681000765 0.462914066 1 0.969757012 0.78480911 0.880696854
0.59892075 0.774188532 1.080519988
YIL123W YIL123W::SIM1::(putative) invovled in control of DNA replication 1
0.800526493 0.977041753 0.535406361 1 1.014489256 0.95291634
0.675023801 0.797500467 1 1.152251939 0.74516735 0.793175124
0.763790753 1 0.85648958 0.789067719 0.493953198 1
0.223239516 0.213043376 0.15308177 0.252639213 1 0.637152454
0.490808799 0.740503338 1.075244437 0.465693223 1 0.500765044
0.442911374 0.795513935 1.017040792 0.340017115 1 0.687528744
0.470761611 0.840561012 0.400277176 0.801799947 0.535881878
YIL125W YIL125W::KGD1::alpha-ketoglutarate dehydrogenase 1
1.467583256 1.08861262 2.121396823 0.992919716 1 2.134868521
1.046982353 0.980705296 1 1.532911694 1.290152616 1.437755301
1.329111932 1.131871096 1
1 0.808288381 0.527273023 0.635892049 1.23128666 0.716421933 1

0.640096357 0.253587202 0.372302042 0.452642596 0.444240447 1
 0.714738077 0.346262741 0.625471851 0.550540284 1.154152162 0.699623598
 YIL125W YIL125W::KGD1::alpha-ketoglutarate dehydrogenase
 1.028276187
 0.866097327 1.358888499 0.848360625 0.843004215 1
 1 0.718475554 0.996008024 0.656347878 1.311963907 0.602255415
 2.930713426
 YDR231C "YDR231C::COX20::COX: cytochrome oxidase, 20: 20th gene involved in
 cytochrome oxidase activity" 1 1.214917822 1.555313207 1.252136291
 1.169877926 1 1.306510419 1.300535631 1.70372514 1.496173216 1
 1.684757828 2.73982045 1.536358562 1 2.51184291 2.089697274
 1.827514376 3.166495606 1 2.876082705 2.383828831 3.28967673
 2.484648652 1 1.280703342 1.548178873 1.398965561 1.068172068
 1.140608774 1 1.198238135 1.145052194 1.312682623 0.962647451
 1.181900272 1 1.432991523 1.632686791 1.155862178 1.274681513
 1.407072303 1.294172311
 YDR233C YDR233C::YDR233C::molecular_function unknown 1.317477155
 0.932691949 0.909052724 0.843871267 1.069072844 0.968772956
 0.788363138 0.871035289 1.107975844 0.953003041 0.926672818
 0.810602901 1 1.098245316 0.982675675 0.916325577 1
 0.503490375 0.404674752 0.449235433 0.708027338 1 1.14980999
 0.924955348 0.931838733 1.069877319 0.648978191 1 0.945921699
 0.800796224 0.616851843 0.706332499 0.855690156 1 0.889003718
 0.848558989 0.894731267 0.903213108 0.792828034 0.887882787
 YDR261C "YDR261C::EXG2::Exo-1,3-b-glucanase" 1 0.792034327
 0.803710056 0.978115938 0.786573048 1 0.915562008 1.003061203
 0.843811889 0.820833591 1 0.860521325 0.943895337 0.791940944
 1.023428451 1 0.698250924 0.811595103 0.553595613 1
 1.018971389 1.11348752 0.716466589 0.913905671 1 0.967416092
 0.850309105 0.864319377 1.235638879 1.151259355 1 0.761862909
 0.612965415 0.679898853 0.772229823 0.615472532 1 0.712040859
 0.554551848 0.791660354 0.852666389 0.626666693 0.746907259
 YBR007C YBR007C::YBR007C::molecular_function unknown 1 0.921748667
 0.926807571 1.127662078 0.989265352 1 0.911217918 0.989792472
 0.949340323 1.033227198 1 1.128783948 0.775120309 1.117981147 1
 1.029991033 0.703324676 0.698803273 0.635635186
 0.639106163 0.73171881 0.91572652 1 1.209919858
 1.494538161 1 0.572348221 1.186223919
 1.16169415 0.578787476
 YDR277C YDR277C::MTH1::Negative regulator of HXT gene expression 1
 1.200243248 1.126579802 1.274102504 0.85406489 1 1.203106092
 1.235692629 0.992270889 0.912734123 1 0.900208619 1.096961198
 1.038976959 1 1.732882874 1.176520533 0.529696
 0.666458542 0.727292678 1 0.957753578 0.852373227 1.14213352
 1.17070856 1.021243716 1 0.757370099 0.659773336 0.852780233
 0.789915049 1 0.659235544 0.587980073 0.812348246 0.828125787
 0.636438187 0.732897299
 YBR019C YBR019C::GAL10::UDP-glucose 4-epimerase 1 1.351969833
 1.14579114 1.309588764 1.382912905 1 1.52361964 1.413032145
 1.421828291 1.532214396 1 1.785722095 1.507332936
 1.091729848 0.882242912 0.6876495 1 0.473921224
 0.544045849 1 0.987157522 1.030832738 0.978966485 1.138728268 1
 1.079139348 1.074371878 1.415675444 1.168307231 1.785502683 1
 0.673957223 0.858500469 1.003712772 0.404690604 0.949428897 0.921156488
 YDR279W YDR279W::YDR279W::molecular_function unknown 1 0.718693227
 0.736266522 0.747406867 0.85104669 1 0.719960155 0.704507139

0.896309034	0.856266615	1	0.587459678	0.56097509	0.419152635	
0.929018658	1	0.704925574	0.545344397	1.071317105	1	
1.924246457	2.377434528	1.855247223	2.779329786	1	1.099806872	
0.911915208	1.059834447	0.934337765	1.167052425	1	0.909803963	
1.235621928	1.041398272	0.992038008	1.027466396	1	1.058225444	
1.12651061	1.04167221	1.133710697	0.895859601	1.009594469		
YBR021W	YBR021W::FUR4::uracil permease			1.466462798	0.93724723	
1.057766094	0.876177236	1.077547903	1.034675813	0.930135989		
1.049455026	0.883728232	0.668477175	0.768916419	1.359815778	1	
0.60612607	0.626853305	0.958037535	0.686108951	1	0.669007935	
0.865834636	0.855461345	0.689321612	0.834529251			
0.950163918	0.913812744	1	0.529178151	0.983560933	1.119802191	
1.288301315	1	0.874277464	0.992580474	1.301556626	0.778088111	
1.064058684	0.833594067					
YDR281C	YDR281C::PHM6::Phosphate metabolism; transcription is regulated by PHO system	1	1.192637739	0.957835503	0.76249418	0.977130701
0.621672163	0.992916361	1.094354848	1	0.589612202	0.654397035	
0.53699897	1.049379259			0.870564289		
0.2537884		1	1.178726036	1.208327384	1.076852444	
1.612201441	1.321924576	1	0.726504573	1.19228674	1.02610463	
1.574759441	1.612830078	1	1.133454147	1.229895147	1.030401125	
1.109028633	1.075005803	1.382610293				
YBR023C	YBR023C::CHS3::Required for chitin synthesis	1	0.990657866			
0.798441227	0.985670977	0.651213382	1	0.96790555	0.901569917	
0.746568231	0.757462658	1	0.949399897	0.834729874	0.625464049	
0.956750784	1	1.016622187	0.961176751	0.763437897	1	
0.804910531	0.601973616	0.667840498		0.939257819	0.840326102	
0.779971687	0.865812621	1.151116968		0.745542731	1.09288935	
0.756058527	1.136162088	1.196891782	1	0.729545144	0.964096212	
0.958143721	0.900990151	0.982973623	0.714509171			
YDR295C	YDR295C::PLO2::Ploidy-related. Shares homology with PLO1	1				
0.606084051	0.752865704	0.862102643	0.772729869	1	0.768581647	
0.878359302	0.822113687	0.831942094	1	0.736538153	0.905655596	
0.698071032	1.051121277	1	0.885890524		0.841360298	
0.314325102	0.511026069	0.419193515	0.402239585	1	1.060296926	
1.10269328	1.02485346	0.911112705	1.137316299	1	1.117791112	1.161519
1.012764468	1.055969981	0.941435855	1	1.36356132	1.102991498	
1.07605714	1.155049242	1.02975984	0.703126049			
YIL139C	YIL139C::REV7::Protein required for mutagenesis by physical and chemical agents	1	1.207856499	1.053855403	1.43461198	1
1.065139204	0.946030629	1.35965626	1.312614899	1	0.946431553	
1.035944078	0.816686457	1.080498131	1	1.075769897	0.950863496	
1.742830243	1	1.437455078	2.825827546	2.573346224	1.797899129	1
0.797685955	0.842915682	0.721931436	0.965142214	1	0.731495681	
1.427923491	1.4691069	1.318296978	1.748020663	1	0.720366721	
1.044725533	1.125450888	0.909494645	1.40862478	1.438650238		
YDR297W	YDR297W::SUR2::Suppressor of rvs161 and rvs167 mutations	1				
1.472330564	1.005645479	0.856887808	0.896826632	1	0.902211694	
0.895764675	1.002729955	1	1.255804733	0.609098313	0.576431221	
1.599660884	1	0.230623791	0.36614255	0.86598629	1	
1.186344229	0.376231367	0.281528942	0.938114719	1	1.080442822	
0.606019837	0.745615897	1.40533992	1.359371678	1	0.872065338	
0.735165726	0.580172017	0.59205199	0.828314243	1	1.043818179	
0.77130731	0.856825032	1.347838604	0.859778799	0.817832829		
YBR025C	YBR025C::YBR025C::molecular_function unknown	1	0.935211927			
0.644270707	0.722602315	0.827269798	1	0.77812017	0.704351509	
0.630636813	0.779533307	1	0.697532308	0.581808869	0.478756437	

0.638949941 1 1.03873015 0.570783835 0.680896479 1.060763327 1
 1.101902096 0.453272869 0.490262101 1.11863021 1 1.083327737
 0.835927579 1.279705813 1.033959938 0.930725904 1 0.986498829
 0.877158098 0.606119357 0.488744446 0.56031307 1 1.338676716
 0.961421736 0.677163242 0.851440006 0.73042402 0.942171402
 YDR299W YDR299W::BFR2::involved in protein transport step at the Brefeldin A
 blocks 1 0.520821842 0.55022118 0.755910814 0.892548481 1
 0.53390223 0.538178127 0.892451588 1.050496142 1 0.294616126
 0.234198023 0.229751335 0.78388001 0.282006951 0.391222666
 0.578837415 1.05485436 1 0.389157863 0.470985931 1
 0.604642681 0.615397339 0.52697422 0.596497183 0.985610875 1
 0.713695355 0.936886067 1.089283797 1.157286348 1 0.629459457
 0.872348786 0.876566089 0.989521279 0.701451223 2.29676167
 YBR027C YBR027C::YBR027C::molecular_function unknown 1 1.1568607
 1.017491393 1.263415547 1 0.857093157 0.874919217
 1.184632343 1 0.887682109 0.91377969 1.086882546 1.172038555
 0.363909958 0.307565 0.360428519 0.325945868 1 1.216585691
 1.876484466 1.178017781 1 0.660531571 0.500497753
 0.682430968 0.971783513 1 0.861226809 1.141694871 1.672201496
 1.632906451 1 0.714317332 1.660706464 1.598028122 0.544675312
 1.502070701
 YIL141W YIL141W::YIL141W::molecular_function unknown 1 1.03998071
 0.938946494 1.721218494 1.09080549 1 1.502792166 1.193230231
 1 1.324479656 1.034189119 0.559520572 1.232109696 1
 1 0.256011827 1 0.815365112 0.978531843
 0.890142999 1 0.587666568 0.471878613 0.814297995 0.934878321
 0.731205787 1 0.57392251 1.006109742 0.033356779 0.812313305
 0.570906857
 YDR301W "YDR301W::CFT1::Functions in cleavage of 3'-ends of pre-mRNAs, prior
 to polyadenylation; 23.5% identical to the 160-kDa subunit of mammalian cleavage
 and polyadenylation specificity factor (CPSF-160)" 1 1.165164643
 1.077661396 1.252258245 0.973172772 1 1.234601004 1.355568161
 1.056178738 0.951563571 1 1.215354197 1.259773149 0.832082606
 1.07929689 1 1.858284719 1.372943728 0.855954342 1
 0.810254043 0.841038565 0.639220303 0.864033474 1 0.852861448
 0.703200639 0.691673959 1.020611646 0.620561065 1.375239374
 0.923709 1 1.82076062 1.102547342 1.455937196
 0.779073158
 YDR301W "YDR301W::CFT1::Functions in cleavage of 3'-ends of pre-mRNAs, prior
 to polyadenylation; 23.5% identical to the 160-kDa subunit of mammalian cleavage
 and polyadenylation specificity factor (CPSF-160)"
 1 0.936732133 0.91449591
 0.89193269 1.085765049 1.003728078 1 0.810367672 0.757236823
 0.847577077 0.884630898 0.649119668 1 0.654697197 0.863676114
 0.791398799 0.510497118 0.648744738 0.960559531
 YBR029C "YBR029C::CDS1::CDP-diacylglycerol synthase, CTP-phosphatidic acid
 cytidyltransferase, CDP-diglyceride synthetase" 1 1.65458709
 0.993571489 1.034093095 0.980644656 1 1.425951093 1.223873263
 0.800187285 0.923612064 1 1.074701364 0.861529009 1
 0.799719466 0.662870287 1 0.811741271 0.987057932 1
 0.761768463 0.671127938 0.926170761 1.055071253 0.977518372 1
 0.689992769 0.987267564 0.813774137 0.67905637 1 0.409182726
 0.682236202 0.720822058 0.578020897 0.631576615 0.90364392
 YIL143C "YIL143C::SSL2::DNA helicase homolog; homolog of human XPBC, ERCC3"
 1 1.255401107 0.90193196 0.990548956 0.866254988 1 1.018196308
 0.878875135 0.810016467 0.806786877 1 0.969613596 1.042807964

0.829303723	1	0.995585421	0.87053709	1.049782687	0.85532275	1
1.193253967	0.921270773	0.981544189	1.091935812	1	0.944242628	
0.67419255	0.741905773	1.05247253	0.87897119	1	0.803485283	
0.95235666	0.552758432	0.673366757	1.341333802	1	0.726331463	
1.317228383	0.989550181	1.232634728	0.983936228	1.079644427		
YBR043C	"YBR043C::AQR2::A(acid, azole) Q(quinidine) Resistance"					1
0.720856892	0.636415445	0.759906803	0.490974312	1	0.704689975	
0.782449651	0.723272245	0.63830736	1	1.241384943	0.907930518	
0.569316713	0.800271032	1	1.073670549	1.479581181	0.823160959	
0.709383908	1	1.07024518	1.046874129	0.71734639	0.708293029	1
1.034939849	1.061580439	1.130019266	1.37681086	1.343612671	1	
0.910477195	0.636679797	0.912956056	0.959707048	0.421293155	1	
0.764724618	0.645371023	1.054266628	0.408613356	0.759069724	0.640081149	
YIL145C	YIL145C::PAN6					1
0.755176371	1	0.94357122	0.857105711	0.781365412	0.863527105	1
1.025779495	0.925132233	0.566149987	0.957353826	1	1.076701731	
0.920140388	0.493267845	0.897703399	1	1.208935423	0.516897281	
0.532201059	0.981078911	1	1.147616866	1.064506963	1.176249853	
1.223201985	1.007222328	1	0.909919227	1.135036531	0.910630119	
0.808453221	1.110029038	1	1.175644311	1.14787897	1.001683057	
0.97630854	0.881001266	1.219744238				
YBR045C	YBR045C::GIP1::Developmentally-regulated protein phosphatase 1 (Glc7) interacting protein which is required for spore formation.					1
1.111078784	1.057930478	0.798259723	1	1.05288875	1.032727861	
0.947552889	0.955803753	1	1.416033788	1.341862864	1	
0.739324157	0.66735218	0.945021929	0.565785164	0.772689312		
0.420405077	0.771865117	0.715570618	0.710549586	0.761785812		
0.756252872	0.719567719	1	1.508656169	1.402428936	1.246943355	
1.302500054	1	0.491968688	0.53273661	0.611380134	0.421996237	
0.605285613	1.061256299					
YIL147C	YIL147C::SLN1::Synthetic lethal of N-end rule					1.051519064
0.716316531	1.289222335	0.715626345	1.049701156	0.953395544		
0.707483821	1.164640537	0.988965398	0.462752133	1.220799262	1	
0.922411313	1.167512021	1.140463154	0.590711687	1	0.64827385	
0.439897049	0.370084994	0.294835469	1	1.049975839	0.964232301	
1.258066872	1.255191271	0.973883395	1	0.936204452	0.742608322	
0.954457446	0.912160882	0.497094778	1	0.722114302	0.963996719	
1.172913896	0.619828684	0.803012036	0.624319912			
YBR047W	YBR047W::YBR047W::molecular_function unknown					0.684595565
0.528883047	0.65493029	0.550881256	0.511846002			
2.863376	3.142477161	0.819030076	0.468019113			
0.346575354	0.983721148	1.12716477	0.394629648	1		
3.388893192	5.252571592	3.139691339	0.978211058	1.24231676	1	
3.502111832	9.317343303	9.243103437	4.436130224	1.03721467	1	
1.902793547	3.194264525	1.180107405	0.549651622	0.728572649	0.576160585	
YIL149C	YIL149C::MLP2::involved in translocation of macromolecules between the nucleoplasm and the NPC					1
0.989473311	1	1.125986762	0.994030847	0.924097203	1	
1.229534166	1.125586079	1.170476047	1.16869309	1	1.165997164	
1.61141467	0.9582165	0.706649361	0.781635082	1		
0.947441492	1.023508758	0.794036033	0.957854432	1.035530772	1	
1.067415688	1.181981543	0.872007222	0.963938355	1.186110118	1	
1.293114918	1.599894385	1.156371107	1.138991783	1.119466305	1.01222136	
YIL163C	YIL163C::YIL163C::molecular_function unknown					1.033049777
1.049990186	1.019106737	0.68648875	1.018479405			
1.097910233	1.335670946	0.934934479	1	1.418371454		
1.251162953	1	3.09753717	2.673131298	0.887087854	1	

1.237447113 1.228625641 1.138092616 1.124641988 1.12654953 1
0.868776886 0.809059218 1.084547848 1 1.0819807 1.184197062
1.309215575 0.334058351 1.220648113 1.028858158
YIL165C YIL165C::YIL165C::molecular_function unknown 0.943165809
0.881099034 0.895756656 0.751862078 0.811704323 1.083833665
0.95528908 1.337045849 1.182527638 1.399942015 0.878153147 1
1.992062905 3.229877792 1.673232045 1.355809261 1 5.314415263
6.473729429 5.551871928 2.053555893 0.853663257 1.065824351
0.8941385 0.868721307 0.918597099 1 0.921545746 1.126914496
1 1.437031782 1.534779733 1.747593986 1.379983402
YIL167W YIL167W::YIL167W::not yet annotated 1 1.196218369 1.172534389
1.412676776 1.326403419 1 1.037345948 0.921947707 1.489276421
1.381868381 1 3.153214502 3.264024839 1.155647517 1.905055609 1
2.251844894 1.361967534 1.675386029 0.795126094 0.99186028
0.563367034 1.383208346 1.774533103 0.965871626 0.545859488
0.665026033 1 3.253001909 5.320364639 3.99126035 2.65961956
1.486307007 1 2.902692944 3.73340587 1.145221346 0.369488762
0.832435626 0.925534604
YIL169C YIL169C::YIL169C::molecular_function unknown 1 1.094026343
0.820132008 1.268804709 0.733596698 1 1.081650544 1.013349983
0.83041063 0.987556696 1 1.256614142 1.014948752 0.581128053
0.811736584 1.167516741
1 1.01750839 1.063558554 0.808927996 1.123747724 0.935915793 1
0.543650764 0.675603014 1.024235691 0.50920421 0.194350444 1
0.786942336 0.900661646 0.788614711 0.40289651 0.576341515 0.754787878
YDR303C YDR303C::RSC3::Zinc cluster protein 1 0.848576821 0.652710716
1.0422725 0.763880202 1 1.007889448 1.022138945 0.735677471
0.72268801 1 0.809302032 0.781671543 0.464100481 0.738737568
1.175494319 1.200711157 1 0.570877411 0.271454614
0.447285901 1 0.785238453 0.580631007 0.624796878 1.027972528
0.881264714 1 0.55534928 0.382033074 0.441927274 0.625129409
0.490482306 1 0.486874712 0.432049076 0.701878247 0.514743016
0.666660797 0.465831973
YDR305C "YDR305C::HNT2::Fhit homolog, member of the histidine triad
superfamily of nucleotide binding-proteins" 1 1.200413152 1.456809317
1.093334234 1.660355238 1 1.154178048 1.061336197 1.81533875
1.49029149 1 1.12149986 1.407978201 2.172355664 1.414719299
0.547261008 0.379794802 1 2.007831653 2.32466139
2.429542946 1 1.056772684 1.251788637 0.823497011 0.767292502
0.95133042 1 1.10800027 1.678876835 1.374799584 1.410168412
2.006669718 1 1.113619832 1.483079857 1.123562819 1.481476128
1.360030543 1.214490457
YDR319C YDR319C::YDR319C::molecular_function unknown 1 1.426351755
1.358515865 1.48331201 1.233959279 1 1.117683849 1.424436992
1.139705626 1 1.16097238 1.400107637 1.355373776 1.222728134
1 1.128842655
1.095529135 1.003215758 0.91676901 1.021245078 0.770539064
1.120880951 0.828377153 0.874752448 0.805158501 1 1.00194861
1.149574903 0.852711171 2.547455336 0.900922617 1.212739232
YDR319C YDR319C::YDR319C::molecular_function unknown 1 1.262350955
1.088029482 0.874948071 1.455046207 1 1.021198835 0.962961615
1.151342284 1.189261585 1 1.456533099 1.245010736 1.413048478
1.018878715 1 1.213247655 0.99582175 1.127388106 1.142308712 1
2.100680386 2.561015128 2.151131494 1.779342677 1 1.757660796
1.956244856 1.63988897 1.228917814 1.342600294 1 1.162677364
1.579923149 1.428630962 1.223043589 0.924417545 1 1.619958003
1.29280624 1.081408718 1.640919335

YBR049C YBR049C::REB1::DNA binding protein which binds sites found in genes transcribed by both RNA polymerase I and RNA polymerase II. Reblp is required for termination of RNA polymerase I transcription. 1 0.797190266
0.804765218 0.947651477 0.705907677 1 0.9069359 1.04165979
0.748631624 0.680234559 1 0.848120984 0.887971744 1
1.027627538 0.569638945 0.628259437 1 0.89852535 0.638665773
0.609678846 1.106733168 1 0.865320533 0.792072556 0.623368098
0.880318849 1.103688371 1 1.147561799 0.754552088 0.958098269
0.911591152 0.704666152 0.832890286 0.941571217 0.955104965
0.821614158 0.787031036 0.586668095

YDR321W "YDR321W::ASP1::Asparaginase I, intracellular isozyme" 1
1.404678555 0.819519152 0.746524463 1 1.099120455 0.903618958
0.641198287 0.739509757 1 1.191734605 0.771583886 0.522568295
0.619400781 1 0.90967966
1 0.951724999 0.734048232 0.930780723 1.116020594 0.929293436 1
0.955744512 0.677714027 0.556824479 0.621890585 0.563979979 1
0.909648589 0.652169404 0.776975465 0.753631841 0.454389147 0.911524592

YBR051W YBR051W::YBR051W::molecular_function unknown 1 1.224853192
1.296232332 1.199248976 1.170724352 1 1.154083019 1.104423195
1.31272762 1.254146346 1 1.362583692 1.433644604 1
1.506913985 2.19603485 1.559093411 1 1.480822787 3.192673287
2.28945191 1.606677205 1 0.991145752 1.022166083 1.405030844
1.037178325 1.113850137 1 1.117711304 1.235586889
1.716242086 1 1.12526607 1.1616613 0.150535161 1.508066532
0.927285829

YDR323C YDR323C::PEP7::vacuolar segregation protein required for vacuole inheritance and vacuole protein sorting 1 1.229880922 1.114243455
1.179710822 1.204182305 1 1.111917282 1.189724126 1.215152482
1.193297648 1 0.979419804 1.047051849 1.125438094 1
1.44309101 0.97732342 0.731641158 1
0.989461404 1.010085844 1.166415807 1.087891504 1.082224124 1
0.97679537 1.147965491 1.038688408 1.033444104 1.191650372 1
0.870040626 1.018030935 1.30801065 1.262770476 0.891385238

YBR053C YBR053C::YBR053C::molecular_function unknown 1 0.885478002
1.044818726 1.050220047 1.031501697 1 1.001296951 1.12859894
1.176634179 0.980147816 1 0.993141389 1.452160288 1.471924779
1.181930984 1 2.264166781 2.332257041 2.873583799 2.180170237 1
1.67845555 1.505909765 2.461245612 1.745374282 0.68703912
0.735400422 1.061852625 0.64184541 1 1.164968028 1.51858185
1.465001027 1.190806979 0.669867803 1 1.146123448 1.442177335
0.985265714 0.506791198 1.276081729 0.981574549

YDR325W YDR325W::YCG1::Yeast Condensin G 1 0.665539256 0.771252757
0.903817868 0.807876255 1 0.901863058 0.869264974 0.812358231
0.744815062 1 0.688206538 0.66340462 0.407640623 0.852737319 1
0.679686038 1 1.172024043 1.652984095 1.438189324
0.738395884 0.754728813 0.830487999 0.979250541 0.840133636 1
0.924718081 0.99569758 0.772156257 0.972363859 0.750251915 1
0.703397702 0.77995792 0.81090533 0.729266842 0.828340286

YDR327W YDR327W::YDR327W::molecular_function unknown 1 1.082456021
1.427006565 1.044427817 1.591281715 1 1.022614047 1.94137328
1.815432663 1 0.945815411 1.359283614 2.11170601 1.556947813 1
0.967930253 0.745737376 1.099744082 1.704088025 1 2.346012305
4.370419372 4.133001436 1.699570924 1 1.141523774 1.479301584
1.27019273 1.098652429 1.076861384 1 1.169999723 2.118400068
1.477843774 1.23800466 1.753386707 1 1.066911495 1.578011848
1.259648034 1.617347566 1.291504993 1.274908518

YBR067C YBR067C::TIP1::cold- and heat-shock induced protein of the
Srplp/Tiplp family of serine-alanine-rich proteins 1.342102871
0.842725331 0.61050772 0.56878096 1.067862131 0.861131465
0.659161838 1.396121847 1.185700811 1.031843797 0.688229276 1
0.908781414 0.698941403 0.538032297 0.496315033 1 0.854071216
0.739934581 0.695778665 1
0.893165632 1.249289353 1.060584886 0.559969951 1.589939301 1
1.408003427
YDR329C YDR329C::PEX3::48-kDa peroxisomal integral membrane protein 1
1.250025776 1.307211745 1.352503276 1.189298462 1 1.275267014
1.252141175 1.016254175 1.196046175 1 1.222396941 1.046031233
1.011390399 1.226609614 0.970915268
1 1.040618293 0.993612725 1.395492642 1.141630587
1.060990616 1 0.984459864 1.023681219 0.80349937 0.827673327
0.753054012 1 0.714458901 0.684665027 0.955325031 0.8215516
0.732661147 0.808200933
YBR069C "YBR069C::TAT1::Amino acid transport protein for valine, leucine,
isoleucine, and tyrosine" 1 0.68849169 0.429563055 0.7087146
0.360604724 1 0.670969121 0.597166111 0.459478382 0.550280582 1
0.601463872 0.437581885 0.224916188 0.634590665 1 0.340488185
0.384630114 0.338055953 0.300875121 1 0.531504218 0.486177049
0.321855056 0.799343244 1 1.131001445 0.810779516 1.492502752
1.645793657 1.06197902 1 0.62084767 0.47042893 0.646843925
0.604799397 0.468900499 1 0.728678936 0.593029509 0.771758861
0.636484968 0.547185931 0.791564082
YIL171W YIL171W::HXT12::molecular_function unknown 1.31624581
0.895110963 1.058884292 0.780238284 1.073915765 0.730063979
0.760761992 1.18995877 0.875789686 0.719836652 1.048497199
1 0.96211935
0.954427039 1.139648056 0.885479518 0.986565598 1 0.964433319
1.060155393 0.874799062 1.025541176 1 0.84130906 1.02625642
1.219994817 0.557306505 1.621180813 0.762668497
YDR343C YDR343C::HXT6::Repression of HXT6 expression by glucose requires
SNF3 1 1.427800042 2.382296106 1.578752619 2.281738814 1
1.77300121 2.378684447 2.090721215 1 1.384116495 1.102245572
4.954329537 0.939114958 1 5.656599529 1.912755103 4.229452322
2.648520937 1 6.736775534 10.9905822 6.807881799 2.818626483
0.768068628 0.64888269 0.395578433 1.230413331
1.285802891 0.94551896 1 0.41289375 1.103715856 0.515182489
0.39216722 29.94634147
YDR343C YDR343C::HXT6::Repression of HXT6 expression by glucose requires
SNF3
1.191098982 1.068526157 1.069848188 0.693545843 1.329673621 1
1.152509061 1.09359763 1.240157065 0.557576257 1.969341265 1
2.030848975 1.865914843 1.095642829 3.919752166 8.007111848 1.105913122
YBR071W YBR071W::YBR071W::molecular_function unknown 1 1.036332175
0.878450947 0.915953241 0.997382718 1 0.830655631 0.796815387
0.916492722 1.083491296 1 0.893829337 0.790116536 0.925493387
1.057045356 1 1.059044685 1.858590909 1 1.197838759
1.126121723 0.991971257 1.652278169 1 1.037329639 1.033825815
1.179628601 0.926295756 1.03236526 1 0.84817529 1.187534685
1.052570444 0.69288365 1.300850538 1 1.45749247 1.330309031
1.066483732 1.1289433 1.610359181 1.314311665
YIL173W YIL173W::VTH1::vps ten homolog 1 1.330787044 1.110834512
1.286100195 1.294605943 1 1.332535131 1.24644656 1.315266375 1
1.420814444 1.208438375 1.228456615 1.280792737 0.679422698

0.810741315 0.70794614 1
 1.011011767 0.994237508 1.165581017 1.079105409 1.247713443 1
 0.888954475 0.771555005 0.877640424 0.778646836 0.640521197 1
 0.865584507 0.742799895 0.906786355 0.724516116 0.908312285 0.746907259
 YIL173W YIL173W::VTH1::vps ten homolog
 0.761221082 0.935127446
 0.808260812 0.899747014 0.516710901 0.803237192
 1.420192497 1 0.931548459
 YDR345C YDR345C::HXT3::Low-affinity glucose transporter 1 1.315105771
 0.805775425 0.971092527 0.74020141 1 1.269200113 1.031940463
 0.724265587 0.812068928 1 1.508825278 0.526822393 0.537908231
 0.689167093 1 0.512673971 0.951135581 0.897208237 1
 2.501383385 0.520526774 0.429083213 0.999724295 1 1.490774258
 0.617694515 1.459543193 2.135848418 1.236675171 1 1.133017412
 0.410223756 0.522856511 0.666102189 0.478477012 1 1.291842564
 0.362612224 0.570825676 0.659711868 0.420841683 1.253017939
 YBR073W YBR073W::RDH54::genetic interaction with DMC1 1 0.619707796
 0.599042956 0.669985828 1 0.692720244 0.696503533
 0.724266475 1 0.631698281 0.632119925 0.493201045 0.951075764 1
 0.371757326 0.843078655 1 0.730879379 1.305598396 0.677645086
 1.370352446 1 0.819296039 0.948281607 0.960858936 0.779125385
 1.029065818 1 0.958778239 1.311271267 1.043311944 0.944127981
 1.289556589 1 1.089957149 1.36459189 1.11777276 1.193813455
 1.373029306 1.119923134
 YIR010W YIR010W::DSN1::Dosage Suppressor of NNF1 1 0.604741733
 0.712114431 0.707355408 1 0.725335332 0.783263136 0.673743726 1
 0.762138011 0.687187177 0.70874859 0.90221035 1 0.853325415
 0.889420073 0.920878476 0.844436606 1 1.406368065 1.239307798
 0.955571879 1 0.941720036 0.974863478 0.937156314 0.989153185 1
 0.845004542 0.864751769 0.827876094 1.038152783 0.902652412 1
 0.948658976 1.395591381 1.123016613 0.945260559 1.308158757 1.03936572
 YBR075W YBR075W::YBR075W::molecular_function unknown 1 1.026510563
 0.786689905 1.027673781 0.902241218 1 0.888573812 0.823766737
 0.843590196 0.91667563 1 0.943958639 0.813838258 0.607652909
 1.008213092 1 0.723149905 0.790430442 1 0.704138383
 0.672902205 0.648192005 0.927708501 1 1.012043444 0.891069778
 1.117861782 1.258554586 0.826907431 1 0.95397692 0.844920509
 1.17264847 0.72482419 0.785173707 1 1.108652418 1.332709428
 1.16020345 1.339747138 1.129919917 0.800320314
 YIR012W YIR012W::SQT1::Involved in a late step of 60S ribosomal subunit
 assembly or modification; contains multiple WD repeats; interacts with Qsrlp 1
 0.972411176 0.692168434 0.798427941 0.72224837 1 0.869165566
 0.68354663 0.793161106 0.839275334 1 0.714342986 0.554732899
 0.469925853 0.859231183 1 0.489944903 0.231860035 0.334410964
 0.428146212 1 0.739213674 0.366041869 0.72846056 1
 1.101572046 0.728190755 1.029040538 1.093290528 0.858250447 1
 0.803209244 0.688521956 0.584071156 0.634950276 0.730233772 1
 1.43609482 1.063752852 1.225793466 0.777364453 0.827464674
 YBR077C YBR077C::YBR077C::molecular_function unknown 0.950553582
 0.917887301 0.725676742 0.871282396 0.682095213 0.908936266
 0.836342565 0.712528537 0.853577599 0.913818618 0.785149164
 0.908378826 1
 1.26533648 1.209031458 1.218248194 1 0.993240117
 1.232502513 1.330899321 1.232063299 1.333340673 1 1.313709618
 0.963082263 1.221912442 0.749655201 1.448032353 1.302052878

YIR014W YIR014W::YIR014W::molecular_function unknown 1 0.956591033
0.944970231 0.937763841 1 0.919688656 0.9125341 0.873087928
0.723212571 1 1.417249332 1.537005328 1.080166672 1
2.775710606 1.280245456 0.683601323 1 3.326102018 5.333658576
2.108870012 1.083189645 1 1.148144144 1.437985128 0.875063055
1.039998752 1.10502067 0.87378481 0.918854624 0.868919422
0.925556394 2.429511672 1 1.238057933 1.349819079 1.1944445
1.46928585 3.296076644 1.048997512
YBR090C YBR090C::YBR090C::molecular_function unknown 1 1.905087046
1.810071067 1.760584123 1 1.632427582 1.602340647
1.692989063 1 1.59406296 1.919208015 2.143822542 1.609147819
0.734409638 1 1.277007809
1.268651872 1.467488279 1.254865561 1.288915828 1 1.036956092
1.224290922 1.337189643 0.941191949 1.002547096 1 1.31132291
0.968760056 1.11436399 0.879706158 1.212536874 0.974569543
YIR016W YIR016W::YIR016W::molecular_function unknown 1 1.360542857
1.601118892 0.96061255 1.002889621 1 1.182145138 1.336296207
1.245022381 1.225531924 1 1.688241593 1.980302587 2.995275041
1.297558173 1 1.527869339 1.88080083 1.787976916 1
2.14762171 2.192011074 2.339966444 1.217259519 1 1.062234749
1.318980608 1.100861462 0.976173786 1.039406135 1 1.194202557
0.903351061 1.388922203 1.146742416 1.66484362 1 1.233393559
1.063880682 1.215973248 2.296010014 1.23375425
YIR018W YIR018W::YAP5::bZIP protein; transcription factor 1
0.825621152 0.871557327 1.059805635 0.879521556 1 0.781315442
1.05768569 1.13439975 1 1.327508362 1.268093278 0.987409092
1.202333581 1 1.149225152 0.476578733 0.826465762 0.747685861 1
1.727885553 1.98454993 1.613501877 1.066319757 1 1.471513792
1.4198992 1.519804365 1.027968673 1.425777323 1.355235836
1.055161522 1.01977471 1 1.559085993 0.895098369
1.070407168 0.559534996 1.121121344 1.082271213
YIR020C YIR020C::YIR020C::molecular_function unknown 1 1.445676088
0.992455058 1 1.252455887 1.389050752 1.131125938 1
2.001730757 1.419687281 1.461186269 1 1.373221291
0.190923393 1 0.94422448 1.02301927
1.162020873 1.256924963 0.884631119 1.139136323 0.963152832
0.759288823 1.152231608 1 1.233425091 1.464455071 1.002987795
1.075837203 1.673495782 1.111166903
YIR034C YIR034C::LYS1::saccharopine dehydrogenase 1 1.53832402
1.267486828 0.685653052 1 1.109641291 1.043489501
0.819104504 1 2.690666577 1.921696851 1.042637641 0.956086929 1
2.5757193 1.7880774 6.758343338 1.775260267 1 2.667101431
3.152276963 4.626062453 3.242549066 1 0.882694432 0.913330433
1.118709739 0.99955682 0.789361064 1 0.982987073 1.022543288
0.973215952 0.775262513 0.847972941 1 1.006756275 1.057391037
1.174785172 0.891369365 0.879467963 1.131306256
YIR036C YIR036C::YIR036C::molecular_function unknown 1 0.981473823
0.94342794 0.609414727 1 0.976575171 1.074613357
1.084055434 1 1.004498857 1.207466938 2.008222591 1.092509665 1
2.13438727 2.707228957 2.428031861 0.881274453 1.140583359
0.959541259 1.004511843 1 0.730140928 0.73900066 1.17710656
0.973911881 0.653041124 1 0.943355046 1.132995728 1.501814798
1.565404133 0.888229116 1 1.00236446 1.174594102 1.190034808
0.832795855 1.287557526 1.008718805
YDR347W YDR347W::MRP1::shows allele-specific genetic interactions with
pet122 and pet123 1 0.876786454 0.98926218 1.008823171 1.057532127 1
0.885844385 0.812858788 1.178145355 1.229904046 1 0.766373199

0.785722121 0.944307665 1 1.011942162 0.911316471
1.297075451 1 1.676717956 1.554179949 1.855976384 1.773320946 1
1.097957216 1.106846956 0.834444648 0.926606644 0.952697607 1
1.101560558 1.168285126 1.028943956 0.699463818 1.199382385 1
0.977110209 1.119173455 0.73828131 0.933320477 1.312172246 1.309057884
YDR349C YDR349C::YPS7::Gpi-anchored aspartic protease (Yapsin 7)
1.036743663 1.082365322 0.802754573 1.090865956 0.955592345
0.692964543 0.74341563 1.009113999 0.707612704 0.753725048
0.804728984 1.126918171
0.819425392 0.797987652 0.570834188 1.09365806 0.979836975 1
0.696483534 0.911094948 1.116757017 0.814351901 0.842607079 1
0.646168614 0.991321315 0.278574911 0.872360786 0.679484244
YDR351W YDR351W::SBE2::Required for bud growth 1 0.667580938
0.566848593 0.817373332 0.674857012 1 0.692575921 0.690836385
0.565689392 0.578020547 1 0.725650411 0.638825626 0.395882827
0.837301959 0.766909985 0.74667877 1.240519712 1
0.874998918 1.054916373 1.124163271 1.422643458 1 0.759539514
0.981381895 0.803489817 0.912270632 0.974661289 1 1.008042053
0.830463754 1.001783161 0.918105069 0.834211888 0.815846162
0.810321891 0.94154997 0.567268321 0.954083907 0.751285375
YBR091C "YBR091C::MRS5::Involved in mitochondrial biogenesis, may share a
common function with Mrs11p" 1 1.339167328 1.664185213 1.171141561
2.068782818 1 1.1762107 2.133848507 1.874990321 1
1.309244129 1.106075938 1.48640405 1 0.932398074 0.849044114
0.56832117 0.693067374 1 1.454536695 2.605964178 1.762616089
1.039769156 1 1.017229573 1.065903524 0.932340569 1.074507884 1
1.001223232 1.110084875 0.917184932 1.168687136 1.263567656 1
0.838073821 0.816562528 0.85172404 0.603484387 0.94736498 0.488598217
YDR353W YDR353W::TRR1::Thioredoxin reductase 1 0.921174993
0.873044501 0.832593072 0.575584776 1 0.920352662 0.868819392
0.721942014 1 1.51638999 1.545402005 1.125212293 0.853916435 1
1.971859351 0.741658667 1.62818996 1.124225496 1 2.750747557
2.700655207 1.727282566 1.144483827 1 1.664198828 2.464924706
2.859473273 0.903379702 0.876101784 1 1.85156128 2.886270591
3.254482454 1.090095119 0.651812092 1 1.77059947 2.105198365
1.7980657 0.450282289 0.79749311 1.306430994
YBR093C "YBR093C::PHO5::Acid phosphatase, repressible" 1 1.052155671
0.614851262 0.799027932 0.571110719 1 0.850831128 0.804006236
0.638901918 0.735555375 1 0.69952923 0.575245144 0.40367301
0.562609739 1 1.031110603 0.461567245 0.565790571 0.610317556
0.832379374 0.682113606 0.620309533 0.828396134 1 0.97494282
0.996893255 0.925005369 1 0.911341949 1.354470944 1
0.548497596 0.645128081 0.707522516 0.374067062 1.167206744
YBR093C "YBR093C::PHO5::Acid phosphatase, repressible"
1 1.325878329
0.923926301 1.307636372 1.178303805 0.964379167 1 1.2313262
1.155785885 0.980770926 0.745734268 1.089870052 1 1.14781423
1.158860054 0.728001615 1.232391182 0.560823969 1.119923134
YDR367W YDR367W::YDR367W::molecular_function unknown 1 1.103064031
1.036983877 0.65614781 1.199376824 1 0.748338925 0.719309657
0.817738279 0.908283069 1 0.97029837 0.827906958 1.016779674
1.048125501 0.649639781 0.43896964 0.643639925 1
1.576807123 1.807107002 1.556625116 1.318800677 1 1.196540663
1.394305693 0.995991311 1.11597097 1.129268668 1 1.068227442
1.569414622 1.37158286 0.810925433 1.561052117 1 1.0148232
1.356488708 0.848337997 1.213868685 1.131407721

YDR369C "YDR369C::XRS2::classified as an early recombination function, required for DNA repair but dispensable for mitotic recombination (xrs2 is hyper-Rec during vegetative growth), required for double strand breaks, meiotic recombination and spore viability" 1.164797477 0.589907732 1.212070254
0.600107973 1.196199235 1.051151593 0.592266056 0.832625461
1.092302614 0.683285211 2.434122913 1.423450002 0.562228804
1 1.44924681 1.425107611
1.813399943 0.950855969 0.860641133 1 2.131964254
0.988367434 0.800361551 1 1.602664401 1.905889195 1.073672425
0.532062375 1.182092421

YBR095C YBR095C::RXT2::Hypothetical ORF 1 0.81013943 0.892326855
0.890801219 1.032249811 1 0.842003375 0.842112416 1.012652046 1
0.874619329 0.900157863 0.976970522 1.160731265 1 0.61139162
0.711168501 1.022698929 1 1.127867005 1.294852059 1.329078632
1.74092375 1 0.813301337 0.94045141 0.798314221 0.768815436
1.067087766 1 1.066873328 1.194714909 1.245043103 1.286213137
1.538641152 1 1.077186649 0.955601997 1.243389069 0.899870679
1.433685279 1.351087817

YDR371W YDR371W::CTS2::chitinase 1 1.03862171 1.060260746
1.141353554 1.073959896 1 0.975104821 1.04971953 0.996505858 1
1.049437978 1.231535993 1.091889088 1.190384784 1
1.107977288 1.136554611 1 1.881309249 1.335369683 1.453816157
1.585119201 1 0.945203612 1.055399717 0.874796588 0.864156768
1.100140806 1 0.962120427 1.050028035 0.953956926 0.859306545
1.285646842 1 1.012651114 0.899967667 1.136146177 1.048456431
1.14881872

YBR097W YBR097W::VPS15::myristoylated protein kinase involved in vacuolar protein sorting 0.981661103 0.910441177 0.819662839
0.660127594 0.837387399
1 0.896965187 1.015272938
0.759957503 1.043324402 1 1.239089797 1.354898907 1.366935
1.209750271 1.741445938 1 0.461085107 0.798558921 0.681926625
0.52569907 0.71776077 1.056002518

YDR373W YDR373W::FRQ1::Product of gene unknown 1 1.055742192
1.360764749 0.888142363 1.429335005 1 0.831047328 0.825795824
1.41591439 1.301306258 1 0.810943124 1.234719806 1.543855228
1.163043992 1 1.306670002 0.737554948 0.925619016 1.572154127 1
2.479363321 2.359657749 2.109184356 1.639829759 1 0.833840569
0.951511202 0.623630958 0.670117689 0.942606955 1 0.952297839
1.575348576 1.205773932 1.030408235 1.79196801 1 1.258644353
1.687816438 1.257780335 1.434833782 1.661309347 1.488560842

YBR099C YBR099C::YBR099C::molecular_function unknown 1 1.571456271
1.426934211 1.026556149 1.367157569 1 1.003530222 0.965802184
1.324386291 1.251288123 1 1.055429636 1.406010153 2.597496535
0.967157109 1 0.632628767 3.837080975 1.158211255 1.529708571 1
1.414299162 3.893090038 3.872257679 1.888001786 1 1.276172323
1.016674525 1.01678324 0.871105884 1.02811725 1 1.260950819
0.919562885 0.68820055 0.647320338 1.257262799 1 1.1226153
1.00676552 0.866102581 0.909494645 0.939083214 1.240759256

YIR038C YIR038C::GTT1::Glutathione Transferase 1 1.160680548
1.076652945 1.021666928 1.597415699 1 1.002809332 1.164064497
1.647074205 2.055910506 1 0.970342175 1.320672064 3.180662963
2.064270163 1 1.2920042 2.001322547 3.154855872 3.025215506 1
1.266948178 2.252231589 2.159652983 1 1.079580616 1.509139035
1.78505905 1.30205883 1.019909217 1 1.095873676 1.757950147
2.488761014 3.190125804 2.055440735 1 1.000293805 1.393410813
1.341479615 1.012833091 1.615369459 1.268779177

YDR375C "YDR375C::BCS1::Mitochondrial protein of the CDC48/PAS1/SEC18 ATPase family, required for expression of functional Rieske iron-sulfur protein" 1
0.807767624 0.903948776 1.119123518 0.794563842 1 0.897383835
1.038139326 0.970922727 0.974371521 1 1.05965284 0.967456148
1.11798815 1.025131778 1 1.030848815 0.982163207 0.855865309
0.942224611 1 1.903134025 1.853092737 1.948476589 1.934537103 1
1.144156847 1.148877573 1.063866556 0.966697794 1.195451596 1
1.117227114 1.213525306 1.098555519 0.736506056 0.888779506 1
1.541866851 1.274135959 1.151579479 0.665826906 1.529121004 1.032360714
YBR113W YBR113W::YBR113W::molecular_function unknown
0.908776739 0.995149924 0.840934398 1.064229922 0.973166427
0.781738165 0.959683077 0.751387946 0.801791997
1.029371846 0.812309025 0.462100458 1 1.153478779 0.958453815
1.186020973 1.430820925 1 0.772736533 0.716673573 0.639620637
0.886906912 1 1.050704311 0.671536943 0.844752935 1.033735432
0.702096833 1 0.802741021 0.808155554 1.066744044 0.389220651
1.162011742 0.870370271
YIR040C YIR040C::YIR040C::molecular_function unknown 0.896376918
0.615771509 0.9286284 0.917148946 0.767163415 0.936703634
1.37200923 1.057717 0.938358467 1.253105892 1 0.609506943
0.526800938 1 1.069386922 1.055505782 1.067298881 1
1.028319456 1.092450472 1.533463905 1.390606118 1.481532209 1
1.062468959 1.089707551 1.775336726 0.893185516 1.060907354 1
1.170809786 1.111058751 1.388507295 1.05759675 0.894012128
YDR377W YDR377W::ATP17::Subunit f of mitochondrial ATP synthase. Homologous to bovine subunit f. 1 1.117816068 1.125859605 0.916692119 1.52610187 1
0.940044722 0.946837606 1.314556192 1 0.840153571 0.960241648
1.503258763 1.078797823 1 1.395970439 1.072302057 1.262077062
2.040319481 1 2.644085494 1.886269436 2.681128666 2.421097058 1
0.952638481 0.925362063 0.744463453 0.898712015 0.951968184 1
0.987047838 1.029441655 0.795146104 0.648105238 1.373604451 1
1.309771761 1.23647673 0.715633626 1.354684058 1.792115547 1.520083213
YBR115C "YBR115C::LYS2::A key step in fungal biosynthesis of lysine, enzymatic reduction of alpha-amino adipate at C6 to the semialdehyde, requires two gene products in *Saccharomyces cerevisiae*, Lys2 and Lys5." 1
1.079589196 0.814171836 0.961755643 0.665712495 1 0.997196819
0.8767754 0.685478559 0.778650468 1 1.364178629 0.868653893
0.586940283 1.021505087 1 1.249304029 0.608884782 1
0.864326804 1.038788825 0.755491386 0.936355246 1 0.933789129
0.79485633 1.291274552 1.426778051 1.249244062 1 1.053640172
0.69174779 0.83261933 0.763339675 0.38063837 1 0.877549027
0.656468841 1.047646426 0.606948642 0.738902024 0.735524137
YIR042C YIR042C::YIR042C::molecular_function unknown 0.783098504
0.807301415 0.760658923 0.756705 0.846852552 0.827669347
1.302082612 3.239787133 2.408414653 1 0.844355773
1.49245802 1.016560728 1 0.812414272 1.141704126 1
0.920692596 1 1.14239304
1.737827006 2.329061234 1 0.906775555 1.452940203
1.79843424 1.031485049
YBR117C "YBR117C::TKL2::transketolase, homologous to tk11" 1
1.122592468 0.910972698 0.929737932 1 1.025002041 1.064604816
1.05433841 1 1.330819818 1.226095441 1.373615674 1.244280416 1
1.150438221 1.121230432 1 0.963918318 0.712825202 0.851181916
1.121933363 1 0.873180031 0.667645943 1.050337973 1.038530658
0.950058444 1 0.955647299 0.809681801 1.260190013 1.003985845
0.592269539 1 0.976890559 0.757059453 0.33682987 0.941025635
0.747782872

YIR044C YIR044C::YIR044C::molecular_function unknown 1 1.476832339
0.830728185 1.29204523 0.923937292 1 1.303673413 1.186957169
0.930602945 1.028602495 1 1.461626943 1.192174745 1.038001248
1.181804394 1 0.678989287 0.77607864 0.939993464 1.118854384 1
1.176665292 0.542046207 1.057646065 1.17488876 1 0.94823405
1.036962892 1.594673403 1.372596622 1.161672506 1 0.788652771
0.941004313 1.135418634 0.887886107 0.429955399 1 1.29215856
0.727631585 0.281756267 1.133091039 0.92816139
YBR119W YBR119W::MUD1::U1 snRNP A protein 1 0.95834946 1.200215101
1.440072491 1 1.008477456 0.923079598 1.188931956 1
1.182330669 1.291997521 1.34036264 1.260241071 1 1.096240225
0.758339805 1.53759864 1 1.187432335 1.188058298
1.828646114 1 1.046316344 1.301022626 0.95002481 0.887904089
1.098295477 1 0.93865793 1.463031041 1.405120509 1.330681848
2.073750821 1 1.314817208 1.487472916 1.488803045 1.204237144
2.063757609
YJL014W YJL014W::CCT3::Homolog of mammalian CCT family of chaperonin
proteins; required for assembly of microtubules and actin in vivo 1
0.937176323 0.796462837 0.966775088 0.832549993 1 0.966998292
0.880018507 0.786923 1 0.94984762 0.867741102 0.634894296
0.922441662 1 0.685472988 0.567340984 0.551576435 0.505130293 1
0.962410903 0.465207845 0.496100784 0.614680823 1 0.953369463
0.80486375 0.913190607 0.745198995 1 1.14263685 0.960191325
1.023822634 0.678705893 0.689446041 1 1.173965919 1.116316875
0.939707019 0.714958402 0.796370983 0.83446968
YBR121C YBR121C::GRS1::Glycyl-tRNA synthase 1 1.10632354 0.824111784
1.02111925 0.831310873 1 1.033495207 0.688154733 0.797955875 1
1.033178776 0.898181293 0.362127742 0.968611355 1 0.51758503
0.452646464 0.462428143 1 0.911645041 0.73957447 0.458610352
0.903331407 1 1.148029551 0.992692606 1.187497599 1.415553622
1.023690471 1 1.049652727 0.814244798 0.718499964 0.548955852
0.639333423 1 0.912981487 0.778471516 0.833664315 0.811894056
0.844765137 0.738151027
YJL016W YJL016W::YJL016W::molecular_function unknown 1 1.248159913
1.48584791 1.277608958 1.558368391 1 1.094891692 1.291497235
1.674392218 1.573031227 1 1.457635751 2.559672257 9.4058798
2.545068299 1 2.140508622 2.646636534 5.447569327 3.350964468 1
1.860420318 3.823950524 6.880172404 2.171645204 1 1.022372286
1.027746662 0.852265823 0.803892516 0.825284126 1 1.001995522
1.393367665 2.008413322 1.633355908 2.607480264 1 1.069277117
1.852935635 1.042617553 2.116103941 1.255644829
YJL018W YJL018W::YJL018W::molecular_function unknown 1 1.053424289
0.741830296 0.75125535 1 0.889784595 0.871430284 0.581545328
0.822052515 1 1.125449162 0.815612005 0.443495973 1.065587048 1
0.920312529 0.733236186 0.809135313 1 0.783375213
1 0.902948757 0.843235397 0.986268728 1.183085706 0.91525515 1
0.671716093 0.669600012 0.663241831 0.722865716 0.431011422 1
0.879188252 0.699549668 0.896319745 0.69365773 0.799126349 0.755663491
YJL020C YJL020C::BBC1::shows synthetic fitness defect with bni1 mutants and
associates with the Beep-Vrp1p-Myo3/5p complex 1 0.875162022 1.042062231
1.096561357 0.794787805 1 1.033416276 1.276359704 0.840632603 1
1.468838661 1.756022521 0.962110946 1.175371291 1 1.168198806
1.065824485 1.173095889 1 1.592365086 1.847774341 1.968520316
1.436082497 1 1.131827197 1.323407988 1.70035182 1.273767776
1.138362275 1 1.543122337 0.719166237 1.149702301 1.326986907
0.440953754 1 0.738397517 0.741661228 0.919426934 0.536306419
0.741751813 0.771424729

YJL022W YJL022W::YJL022W::molecular_function unknown 1 0.980197989
1.084642598 1.066059545 1 0.90384193 0.979613247
1.005458437 1 1.067301323 0.993424188 1.201756144 1.245019081 1
0.647462594 1.07230209 1.235946225 0.173460888
1 1.029501164 1.109862039 1.01290819 1.553198146
0.705331241 0.914940371 1.084434389 1 1.868197272
1.650585151 2.21251185 1.610190848 2.410879748 0.870370271
YJL024C "YJL024C::APS3::sigma3-like subunit of the yeast AP-3 complex which
functions in transport of alkaline phosphatase to the vacuole via the alternate
pathway, suppressor of loss of casein kinase 1 function" 1 0.760211769
0.846464756 0.751996153 0.983993618 1 0.704135653 0.769988039
0.964140951 0.938023371 1 0.902772666 0.853237703 0.920110723
1.012796631 1 0.912619943 0.72205558 0.882213796 1.528366708 1
2.751038912 2.489073321 1.904674282 1 0.870226744 1.039920152
1.200004399 0.977816886 0.977807572 1 1.087263197 1.164954163
1.177889852 1.148644871 1.115259255 1 0.984105449 0.799905975
0.907229369 0.776337215 0.852797591 1.130430592
YMR119WA YMR119WA::YMR119W-A::molecular_function unknown 1 1.453781667
1.501128107 1.112815993 1.651937114 1 1.313222247 1.19864112
1.6433933 1.339812309 1 1.82478337 1.895165389 2.151832156
1.061865369 1 2.785892429 1.820091695 1.344954143 1.366960183 1
2.813845887 5.493232572 2.081505368 1.154036969 1 1.277366169
1.590132962 1.515575026 1.283307454 1.299108933 1 1.402328229
1.797036362 1.53957689 0.934519392 2.159800994 1 1.381149702
1.918196254 1.197553516 2.075161485 2.279472627 1.299425988
YJR094WA YJR094WA::RPL43B::Homology to human L37a 1 1.149233965
1.146210837 1.464966485 1.42216747 1 1.184071004 1.203538103
1.056025659 1.105775858 1 1.29863984 0.820725598 1.319549845 1
0.759711828 0.623688976 0.559402204
0.68163299 1 1.082876336 1.072181211 0.653194935 0.657690307
0.945583325 1 1.011562711 0.941479827 0.828514887 0.615879912
0.947777733 1 1.043726407 1.005330933 0.697448544 0.8423002
0.749222184 1.207485451
YOR304CA YOR304CA::YOR304C-A::not yet annotated 1 1.046089648
1.307271876 1.036985944 1.641858736 1 0.871912995 1.407542629
1 0.902316555 0.865699488 1.965900659 1.332053413 1 0.934530986
1.097897266 0.593761542 1.109869203 1 1.757594127 1.970772437
1.650543266 1.671052514 1 0.943667697 1.149565896 0.817847426
0.787816678 1.186315626 1 0.846219906 1.283180818 1.203637709
1.113487849 1.614156206 1 1.122715949 1.062724685 1.211690718
0.946192407 1.312420772 0.823086558
YDR391C YDR391C::YDR391C::molecular_function unknown 0.696908423
0.834753572 0.824073589 0.859534803 0.674375473 0.810605889
0.837581575 1.36445489 1.891908305 0.851720435 1
2.850741722 3.550736512 3.733371288 3.454798759 1 2.689879552
2.504458919 5.169337724 2.777718936 1 1.231012024 1.642189815
1.438236336 0.940894599 1.097910656 1 1.027670156 1.827344574
2.295373093 1.236673793 1.730730409 1 1.640503782 2.014188776
1.316340957 1.319793008 2.612886196 1.313436
YDR393W YDR393W::SHE9::Mrna (identified by a library screen) that causes
growth arrest when overexpressed 0.907458505 0.967995327 0.898989406
0.951557871 0.806344858 0.757883577 0.976352473
0.956066155 0.969926484 1.073912189 0.908501766 0.56587531
0.423209454 0.380870726 0.345200031 1 1.646851679 2.115215204
1.244654307 1.794931285 1 1.047569674 1.126454689 0.981043668
0.961604377 1.194291474 1 1.109148358 1.147490119 1.170373551

0.970558956 1.003321809 1 1.068700531 1.184280171 0.948582097
 0.906544177 1.005310194 1.056878183
 YDR395W YDR395W::SXM1::Suppressor of mRNA export mutant; Importin-beta like
 gene 1 1.143411817 0.733120491 0.954708356 0.663714093 1
 1.031354341 0.684268453 0.657625669 1 1.020772366 0.675861209
 0.707636777 0.803172797 1.173632911 0.89192607 0.852685387 1
 0.467338678 0.191540985 0.422090524 1 0.951968354 0.736189848
 0.765237337 1.115779072 0.813782314 1 0.801641167 0.522596401
 0.795120112 0.713822378 0.557467485 1 0.849691262 0.764222981
 0.931871257 0.903999891 0.726166493 0.653215497
 YBR123C YBR123C::TFC1::transcription factor tau (TFIIIC) subunit 95 1
 1.002384133 1.124086064 1.000609459 1.04437986 1 1.094745525
 1.063695581 0.849478361 1.017667567 1 1.022706479 1.017741641
 1.263589746 1.153911269 1 1.148098462 1.052941096 1.078431139
 1.222027422 1 1.14644537 1.006930882 1.047636982 1.195555983 1
 0.952553721 0.922028309 0.810149543 0.925323944 1 0.919595806
 1.057171062 0.962531837 0.985808025 1.270668476 1 0.969748583
 1.052617429 1.093144804 0.753005776 1.284021631 1.14881872
 YDR397C YDR397C::NCB2::Negative Cofactor B2 is the beta subunit of a
 negative regulator of RNA polymerase II holoenzyme. It is homologous to the Dr1
 subunit of the mammalian NC2 (negative cofactor2) 1 1.083301735
 1.227781909 1.038412176 1.736289953 1 0.960383156 1.018523534
 1.717144664 1.633435594 1 0.865421106 1.053194572 1.289228648
 1.542185154 1 1.016708351 0.619484619 1.02804046 1
 2.367380739 2.084868518 1.840961346 1.860249255 1 0.9503721
 1.028190044 0.706799442 1.029932986 1 1.317247461 1.774693147
 1.643521293 1.474959327 2.466623996 1 0.959866172 1.032163523
 0.87459296 1.006500511 1.156298436 1.25827172
 YDR399W YDR399W::HPT1::enzyme involved in de novo purine biosynthesis 1
 0.877020954 0.645002633 0.921467469 1 0.781414346 0.686647597
 1.056524081 0.94906848 1 0.642533646 0.578706828 1.236087179
 1.380741504 1 0.696394669 0.694828119 0.237027321 0.331630905 1
 1.500205822 0.860594171 0.525520719 0.575711937 1 0.759440332
 0.629643414 0.378567629 0.952696255 1.364231551 1 0.50714596
 0.735838476 0.419586314 0.747521581 2.927735251 1 0.508619744
 0.512688059 0.702865403 1.529148453 1.758645598 1.073514981
 YBR137W YBR137W::YBR137W::molecular_function unknown 1 1.261962619
 1.272854716 1.35030427 1.320576304 1 1.149264854 1.641692404
 1.287580959 1 1.221900542 1.624592714 1.718118896 1.355539928 1
 0.849654514 1.52416251 1.437117569 1 0.969434627 1.331595435
 1.279012578 0.95486666 1 1.152843311 1.29323413 1.416126186
 1.073460922 1.089999856 1 0.918576523 1.277059125 1.429355247
 1.060973067 1.193331492 1 1.387026371 1.434356679 1.237937472
 1.168567656 1.854426594 1.300301653
 YDR401W YDR401W::YDR401W::molecular_function unknown 1 1.251777268
 1.348600568 1 1.752983528 1 0.964045788
 0.888733813 1.771169348 1.578133513 3.512392323 0.406692459
 0.390584929 1 1.171905213 0.934432818
 0.814554876 0.823415688 1.51735363 0.924338372 1 0.482999831
 0.632027935 0.430760606 1 0.827150468 0.7199579 0.39250815
 0.591009991 0.68386236
 YBR139W YBR139W::YBR139W::molecular_function unknown 1 1.444769601
 1.157985854 1.101997113 1 1.431476862 1.424745292 1.09837004
 1.13426198 1 1.389500892 1.764672521 1.907796049 1.17062216
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 0.992382229 1.321173381 1.025993626 1.273834932 1.671079248
 0.972463685 0.843961132 1 1.141864025 1.361826313 1.764310323

1.104721727 0.931127764 1 1.419106359 1.440697737 1.315555947
0.748791408 2.291855605 0.888758347
YDR415C YDR415C::YDR415C::molecular_function unknown 1 1.256844807
1.141772171 1.07515485 1 1.150440887 1.184023874
1.050202968 1 1.315328885 1.15907847 1.236686085 0.853503123 1
1.012386666 0.932859561 0.69103539 0.750407734 1 1.169328685
0.604512493 0.922374116 0.921553697 1 1.228579811 1.17666284
0.945809926 1.119111623 1.172662272 1 1.09918303 1.074794995
1.191169016 0.996389293 1.102733006 1 1.028638884 0.747451071
0.965816993 0.875788077 1.170316744 0.964937646
YBR141C YBR141C::YBR141C::molecular_function unknown 1.014580489
0.776673855 0.863208729 0.805691501 0.835402317 0.645848615
0.836062357 0.973874453 0.805362155 0.910694339 0.83669328
0.975073036 0.597217684
1 1.019272238 1.029810445 0.94703885 0.889559679 0.953963649
1.031370354 1.646636233 1.274342117 1.479781816 1.718777392 1
0.963936658 1.123995996 1.003619205 0.763313225 0.841074359 1.140062488
YDR417C YDR417C::YDR417C::molecular_function unknown 1 1.28855051
1.241719781 0.890531371 1.894683051 1 0.968571773 0.990648286
1.325357993 1 0.974497144 0.85619295 1.246456669 1.574487072 1
0.684077373 0.216517881 0.528792726 1 1.212525497 0.653723933
0.474029384 0.872519727 1 1.189029865 1.148803841 0.825870647
1.276270695 1.184413947 1 1.12145302 1.417299327 0.920695029
0.541942076 1.390052198 1 1.002700747 1.133894036 0.654729313
1.402568203 0.997791611 1.421137775
YBR143C YBR143C::SUP45::Recessive omnipotent suppressor. The wild-type gene
functions in termination of translation. 1 1.289967774 0.877800337
1.122185191 1.157036125 1 1.163043978 0.916896996 0.880952832
0.930352497 1 0.752290931 0.728767389 0.517153848 0.984578818 1
0.496605616 0.351141187 0.267461473 0.557151079 1 0.643448137
0.29219322 0.494138102 1.041180615 1 1.106759158
1 0.912911065 0.753148335 0.691957803 0.598705092 0.808346351 1
1.068058116 0.915027042
YDR419W YDR419W::RAD30::Radiation sensitive 0.818805881 0.863224062
1.100255694 0.968200363 1.000061298 0.99623248 0.954049996
0.904224 0.977330534 0.681273983 1.211009382 1 0.864874463
0.852610284 0.924572493 1 1.795541333 0.886867731 1.27142784 1
1.008896738 0.923084962 1.088906072 1.194397075 1.189307011 1
0.793780631 0.847624121 0.865567709 0.925274644 0.68288517 1
1.010124983 1.068125045 0.702703531 1.023930872 0.806449707
YBR145W YBR145W::ADH5::alcohol dehydrogenase isoenzyme V 1
2.074859157 1.549121427 1.119255484 0.955279642 1 1.378870662
1.339753838 1.191030182 0.97084899 1 3.311984463 2.095095564
1.657756779 0.977364517 1 4.619569457 2.583638081 1.859388372
1.178979629 1 3.157926659 2.045373929 1.109003241 1.057536514 1
1.075512695 0.98846322 1.041252081 1.4412527 1 0.949015711
0.990439707 1.296917316 1.262032839 0.612071591 1 1.308997494
0.961464627 1.171192947 0.477208442 1.269845567 0.745156034
YDR421W YDR421W::ARO80 1 0.820443082 0.955320241 0.901484081 1
0.960244677 0.99678697 0.876387758 1 1.056190553 1.255309526
0.965793598 1.051752868 1 1.521823456 1.304347589 1.202610942 1
2.424251312 2.129067125 1.88457949 1.554684321 1 0.948310342
1.033426868 0.985950438 0.810446949 0.971783513 1 1.06865167
1.148728394 1.245291289 0.999843564 0.883894924 1 1.161705497
1.192173979 1.203533946 0.67628606 1.301066774 0.813454714
YBR147W YBR147W::YBR147W::molecular_function unknown 1.06136938
0.882583923 0.886689759 0.846808194 0.860827639 0.914952211

0.735363909	0.80288885		2.199072769	1.226951685	1.26205133					
0.958430204	1	1.21250146		1.611646876	0.87986542	1				
1.745845605		1.213397322		0.752090976	0.955376227					
1.187133002	0.898777472	0.928165867	1	1.109793523		2.317531235				
1.886509192	1.751515902	1	2.040138022	1.868094043	3.171821407					
1.389664417	4.162250591	1.518331988								
YBR161W	YBR161W::YBR161W::molecular_function unknown				1	1.388216575				
1.250533623	1.200979533	1.395023049	1	1.153416069	1.118199154					
1.361260507	1.06465155	1	1.154995827	0.961076151	1.100776467					
1.272266132	1	0.880963979	0.796061839	0.844346624	0.804343485	1				
1.127114887	0.804116487	0.891342522	1.14695611	1	0.886806341					
0.902063912	0.626901308	1.00911111	0.989555749	1	0.781908879					
0.81153508	1.2900956	0.99493032	1.38185222	1	0.900145018					
0.785487084	1.038997051		1.390611634	1.016599476						
YBR162WA	YBR162WA::YSY6::Protein that participates in secretory pathway				1					
0.905495406	1.634380652	0.920301328	1.930019173	1	0.866992563					
0.974203071	1.696830011	1.638295254	1	1.003054543	1.32313249					
1.468741516	1.371548808	1	0.841564446	0.545934875	0.471022219					
1.076222241	1	1.529008817	1.798300343	1.202192399	0.885600581	1				
0.814831132	0.931064691	0.487316491	0.598422943	0.965853969	1					
1.071339894	1.32882766	1.158519328	1.960976658	2.257143926	1					
0.812324131		1.144828706	1.643544753	1.250700028	1.280162299					
YBR164C	YBR164C::ARL1::Hydrolyzes GTP; myristylated; in soluble fraction. Part of the carboxypeptidase Y pathway.				1	1.116514591	1.286836962			
0.991103038	1.573167531	1	0.932650651	0.84750894	1.422842769					
1.349502735	1	0.930262785	1.15472547	1.315980489	1.148685503	1				
1.276184046	0.898379966	1.030971077	1.646776759	1	1.715693479					
1.407714756	1.881601825	1.392097294	1	0.969885801	1.130346882					
0.700648062	0.781583724	0.906488306			1.308303008					
1.117687925	2.199830867	1	1.316186532	1.677143169	1.071441935					
1.577477895	1.434272122									
YDR423C	"YDR423C::CAD1::Transcriptional activator involved in resistance to 1,10-phenanthroline; member of yeast Jun-family of transcription factors related to mammalian c-jun"				1	0.717666173	0.866151413	0.729968644	0.62648864	1
0.770342902	0.811123957		0.614934169	1	2.135892058	1.912803801				
1.040493052	1.005106645	1	2.124520238	1.383790768	1.322649098					
1.475953119	1	3.091291767	2.060554998	2.392436178	1.679711726	1				
2.009903489	2.641266148	2.621305692	0.814115257	1.018625888	1					
2.917092671	3.755202302	5.318684408	4.173442974	1.198564018	1					
3.313354351	3.961256136	2.101262153	0.591285838	1.304375189	1.053375628					
YDR425W	YDR425W::YDR425W::molecular_function unknown				1	0.749769323				
0.860549676	0.745358142	0.757194952	1	0.878950234	0.841172542					
0.594758656	1	1.294471268	1.184097229	0.926635192	0.90832038	1				
1.382757527		1.643222202	1.230049159	1	1.58101261	1.916139812				
1.365180516	1	1.307681567	1.617545204	1.164262323	0.946040625					
1.135003172	1	1.087909875	0.841406075	1.319529673	0.949484466					
1.111301411	1	1.698865387	1.653151096	1.276036199	0.612119892					
1.536127217	1.139186823									
YDR439W	YDR439W::LRS4::Loss of rDNA silencing					1.01581176				
0.860946388	1.016394691	0.928062626				0.875991403				
0.696855307	0.917040622	0.989775405								
		1	1.373378916	1.440768638	1.539658159					
1.203046737	1		2.481068687	2.337606495	1.781597628	1.407024641				
1.028329747	1.482261346	0.870646963	0.747622672	0.779972412	1.69608372					
YDR441C	YDR441C::APT2::similar to adenine phosphoribosyltransferase; appears to be a nonfunctional pseudogene					1.209123826	0.874612232	0.924706767		
0.847787151		0.905624575	1.022593636	0.759213558	0.719874069					

1.505834312	1.249163771	1.15454318	1.022064545	1.389559016
0.964523815	0.727312455	1		1
1.023785223	0.820213165	1.214814359	1.147432418	1.040696364
1.0968546	1.283570322	1.155649505	0.865786746	1
1.213872763	1.243332819	0.64557251	0.91437938	1.144440604
YBR166C	YBR166C::TYR1::Step of tyrosine biosynthesis pathway 1			
0.874784877	0.826741855	0.895508055	0.636508076	1 0.883116559
0.831438855	0.78502919	0.805592471	1 1.137924199	1.156807855
0.903686124	1	1.126989633	2.076084007	1.66806841 0.88805306 1
0.7562659	0.382410835	0.273561141	0.485777092	1 1.093141442
1.246155099	1.219851097	1.588631655	1.371742085	1 1.127587862
0.88124955	0.905636961	1.276564142	0.591331593	1 0.931621736
0.745943362	0.988771671	0.615233999	0.95635333	0.674230463
YDR443C	YDR443C::SSN2::Required for stable association of Srb10p-Srb11p kinase with RNA polymerase holoenzyme; regulates YGP1 expression; component of RNA polymerase II holoenzyme and Kornberg's mediator (SRB) subcomplex			
0.96902287	0.857529978	1.265741238	0.784154168	1.224046053
1.442175526	0.838712361	0.74713266	1.356336	1.140218873
0.571428765	1.194366608		1.201786985	0.737160282 1
0.859802491	1	0.982525569	0.823406278	1.16751955
0.808118029	1 1.378939207	1.010886151	1.378126872	1.212999861
0.856392746	1 0.787121454	0.963136363	0.872809197	0.686553518
0.74762894	0.770549116			
YBR168W	YBR168W::YBR168W::molecular_function unknown 1 1.245509508			
1.195414775	1.284027094	1.066254061	1 1.211972169	1.200648361
1.305426922	1.150658684	1 1.165637554	1.254981847	1.177452557
1.348298128	1		1.243050209	1 1.574488922
0.918696727	1.275399644		0.764644889	0.953535448 0.982036875
0.876477705	0.91572652	1 0.827422383	0.994553107	1.259277321
1.170502354	1.17606343	1 1.155140957	1.128215399	1.239487271
0.41724772	1.358846028	0.916778372		
YDR445C	YDR445C::YDR445C::molecular_function unknown 0.743697314			
1.073905395	0.781584055	1.060223373	0.707065142	0.665619499
1.127513692	0.687210231	0.76684485	1.121823335	1.105278531 1
0.968822361	0.858014895	1.080956303	1	2.232289818
1.530280491	0.620705102	1 0.967616016	0.980629777	0.648137709
0.725646289	0.946794951	1 1.246957102	1.491465364	1.217579857
1.30574882	2.121299487	1 0.932003471	1.264725899	0.887223938
1.227766455	0.924198816	1.558610695		
YBR170C	YBR170C::NPL4::Nuclear pore or nuclear pore-associated protein required for nuclear membrane integrity and nuclear transport 1			
0.784791231	0.855931579	1.143599575	0.720425114	1 1.009210899
1.084119832	0.964657741	0.819973212	1 1.013372842	1.138974272
0.945537324	1.020054094	1 1.034157043	1.345234578	1.151759557 1
1.854510365	1.578670422	1.855612191	1.954229955	1 1.168595826
1.522648804	1.520897364	1.088713335	1.018088459	1 1.23131679
1.17210369	1.516903128	1.051843344	0.846611384	1 1.143286466
1.024340646	1.053064397	0.583991699	0.936946711	
YDR447C	YDR447C::RPS17B::Homology to rat ribosomal protein S17 1			
0.840926282	0.802707961	0.635594423	1.352867651	1 0.658653351
0.601235383	0.958473883	0.909860219	1 0.561458498	0.626184911
0.608162285	0.737867906	1 0.633069708	0.305658963	0.166394453
0.491369774	1 1.942865307	1.126384792	0.685527331	0.915264523 1
1.175537933	1.110210019	1.066766314	1.307467073	1 1.361346541
1.817311199	1.010668692	0.687480291	1.852702978	1 1.192734939
1.41374392	0.923328167	1.425981949	1.30959634	1.188221762

YBR184W YBR184W::YBR184W::molecular_function unknown 1 1.487121751
1.666183091 1.546272821 1.626169682 1 1.486068176 1.542309627
1.509209166 1.482274661 1 1.73039492 1.343266249 1.134067279
1.824872147 1
1.248500021 1.132192048
1 1.157163538 1.773418447 1.199604884
YDR449C YDR449C::UTP6::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA) 1 0.562689657 0.575559682 0.611506655 0.789829642 1
0.52678087 0.531070064 0.725386357 0.721885057 1 0.320991265
0.266980812 0.251861232 0.661213791 1 0.140714555 0.178642669
0.167931929 0.543761665 1 0.279223385 0.36898207 0.489593686
0.790142869 1 0.510178098 0.465830519 0.382904312 0.530057443
0.753275171 1 0.530083883 0.890404374 0.518249067 1.074009613
1.483628028 1 0.559710627 0.801923297 0.892439491 0.899702027
0.63594053 0.98245011
YBR186W YBR186W::PCH2::Pachytene CCheckpoint 1 1.747979209 1.448514473
1.233490106 1.689275556 1 1.246216183 1.109058103 1.647363138
1.615186257 1 1.095615447 0.954821895 1.250367453 1.149320994 1
0.732666749 0.575796049 0.490346063 1.010891558 1 1.13493123
0.741687767 0.979201916 0.805350875 0.961798544 1.197046917 1
0.800812337 0.948759055 0.707405664 0.759554836 1.60545296 1
0.669313608 0.761123178 1.410515803 0.875324731 0.76354411
YDR463W YDR463W::STP1::Involved in pre-tRNA splicing and in uptake of
branched-chain amino acids 0.885295331 0.871195754 1.015276559
0.772406516 0.968582414 0.974264861 0.776438313 0.735981422
1.115209614 1.065120987 0.898627247 1.048497199 1 0.726145276
0.476269267 0.659481079 1 1.057927658 1.017719438
1.351817545 0.906161268 0.861495326 0.796004636 1.021939257 1
0.816357151 1.042814387 0.898408419 0.881533499 1.095968807 1
0.893590327 0.923849359 0.986865158 0.787478079 0.963820026 0.808200933
YBR188C YBR188C::NTC20::Prp19p (NineTeen)-associated Complex protein 1
1.660478809 1.676212291 1.37355027 1.790718407 1 1.414542686
1.416995847 1.491469387 1.482864047 1 1.919416587 1.434768331
1.786507087 1.447152981 1.00166848 0.848559461 1
0.691281203 1 0.879716921 0.895372144 0.745309313
0.88046316 1.005591244 1 0.931393797 1.040678188 1.087824651
1.508800787 1 1.0152489 1.115937841 1.164832752 1.462193016
1.267960958 1.013972585
YDR465C YDR465C::RMT2::Protein Arginine Methyltransferase; R = arginine; MT
= methyltransferase 1 0.69753723 0.537198785 0.53880396 0.613149434 1
0.539011441 0.402847948 0.642957385 0.717302258 1 0.572797706
0.28707077 0.175391804 0.745737524 1 0.385675124 0.106542847
0.097183045 0.283457766 1 0.854867318 0.233590868 0.180875584
0.468663513 1 0.930031236 0.721389908 0.691201937 0.978143479
0.932148398 1 0.972648637 0.685679828 0.562712576 0.936454877
1.072000646 1 0.777579207 0.577494829 0.681547727 0.773751084
0.373955412 0.646210491
YBR190W YBR190W::YBR190W::molecular_function unknown 1 1.709041673
1.545782515 1.433934302 1.665597976 1 1.505238122 1.316927343
1.432909601 1.525648415 1 1.205281881 1.174499505 1.172206923
1.377189165 1
0.540957722 0.481369725 0.60821625 0.659297407 0.608570571 1
1.074326904 1.052919524 0.920256442 0.558092955 1.039363009 1
1.491077988 1.246194417 0.986380497 1.569949747 1.37787116 1.23112736
YBR192W YBR192W::RIM2::Protein of the mitochondrial carrier (MCF) family
that is required for respiration 1 1.164615062 1.253443855 1.341850436
1.500165786 1 1.303360859 1.386768732 1.431999414 1.451721255 1

1.159183791	1.009456538	1.415634517	1.293033085	1	0.897977729
0.624299449	1			1	0.761928108
0.869656593	0.8693727	1.006901482	1.117058872	1	0.720241612
0.854515613	0.776556994	0.959810556	1	0.970545919	0.597707722
0.909294696	1.009861642	1.110291238			
YBR194W	YBR194W::YBR194W::molecular_function	unknown		1	1.172741979
1.743709459	1.04981472	1.917954741	1	1.056455542	1.037879679
1.755190585	1.699213318	1	1.017487012	1.436217999	2.421486337
1.597836454	1	1.095562054	1.000446765		1.563277771
1.793221729	2.421758885	2.373800836	0.897566401	1	1.155092205
1.295042991	1.000635802	0.955244074	1.075306801		0.82596571
1.248668704	1.487171503		1	1.062359675	1.34387816
1.511551545	0.899943575	1.609206181	1.357217158		
YBR208C	"YBR208C::DUR1,2::Urea amidolyase (contains urea carboxylase and allophanate hydrolase)"				
		0.895145647		0.971668894	
0.919345748	0.908936266			1.064563642	
	0.739910845			0.194596992	1
1.006474738	0.979734799	1.049404119	1.139063602	1.034348521	1
0.656529124	0.808025174	0.736267504	0.743500884	1	0.702287078
0.677461809	0.875569166	0.537471527	0.906976663	0.823962171	
YMR059W	YMR059W::SEN15::Trna splicing endonuclease 15kDa subunit				
1.005961444	0.880306316		0.985821753		0.706259633
0.930135989	0.972635442		0.810184693	0.692804605	1.004966777
0.872279172	1	1.133662234		1.629284503	1.09954443
0.584032389	1.070519229		1	1.041501614	1.050209352
0.940137879	0.912636028	1.199404148	1	0.759425245	1.245939067
0.897414885	1.092999733	1.906313172	1	1.116888708	1.411435145
1.012858631	0.957377867	0.945012076	0.93078828		
YMR063W	YMR063W::RIM9::Regulator of IME2 (RIM) required for IME1 expression				
1	0.780120565	0.559128166		0.465366078	1
0.814340249					
0.94451096	0.499177302	0.523935302	1	1.016206958	0.708422672
0.247899355	1.023131707	1	0.780541432		0.679945666
	0.978665163	1	0.950698088	0.689415554	1.057705946
1.093611439	1.040058206	1	0.904736953	0.788991999	0.762314179
1.049436975	0.593369652	1	0.592470763	0.685106745	0.891269176
0.419246375	0.659115558	0.762668497			
YMR065W	YMR065W::KAR5::appears to be required for the completion of nuclear membrane fusion and may play a role in the organization of the membrane fusion complex				
		0.982566999	1.010131594	1.096901233	
1.175257292	1.127513692		1.103153306		0.848378929
1.122900339					1
0.643771978	0.560863405	0.642717523	1.201721765	1	1.083902923
1.301403562	1.758370957	0.425711437		0.970071877	1.032689903
0.961830374	1.024819675	0.857357338	1	0.931416014	0.981777513
1.571617314		1	0.968857691		1.812633659
0.529634272					
1.108781021	0.914151482				
YMR080C	YMR080C::NAM7::Involved in mRNA degradation			1	0.834577718
0.588858541	0.87700647	0.540357549	1	0.826676696	0.860136241
0.554698718	0.525661416	1	0.872769267	0.685301023	0.313040322
0.852635786	1	1.051594432	0.629836458	0.974289783	0.467500424
					1
0.864997003	0.516478581	0.542899051	0.652445633	1	0.869826604
0.705902674	0.942584725	1.069362203	0.854531867	1	0.820812244
0.443537996	0.517875936	0.720123046	0.45122791	1	0.791229887
0.773085941	0.978565526	0.645163899	0.685883369	0.553394393	
YMR082C	YMR082C::YMR082C::molecular_function	unknown			
1.025959491					1.399738768
0.751387946	0.748926571		0.314946575		
	1				
		1.184700423		0.962750434	0.972804927
				1	

	2.072635481	1.87196653		2.060968109		1	
	0.878873838		0.78018096				
YMR086W	YMR086W::YMR086W::molecular_function unknown				1	0.686499291	
	0.865087817	1.008365095	0.721765298	1		1.465194347	0.861507575
	0.830362525	1	0.9822913	1.112706531	0.735537508	0.917278435	1
	0.739168825	0.497854559	0.661460151		1	0.965344839	
	0.767201578	1	0.848265152	0.912142058	0.988365066	0.893886305	
	0.829031672	1	1.160706271	0.819215215	0.927751005	1.207075009	
	0.555423913	1	0.920540651	0.845836907	1.075174586	0.658130453	
	0.865217319	0.765295387					
YMR088C	YMR088C::YMR088C::molecular_function unknown				1	1.225425939	
	0.868548288	1.078406269	0.785139036	1		1.19833673	0.93349354
	1.087991805	1	1.05145263	0.892609313	0.839280824	1.068915745	1
	1.001048164	0.619191303	0.870670228	0.69824372	1	0.733726351	
	0.720689429	0.355007935	0.366621902	1	0.951065973	0.910312518	
	1.226714587	1.497577897	0.874574315	1	0.895818404	0.806747062	
	0.806274599	0.911308811	0.495638188	1	0.858437626	0.670881039	
	0.866930569	0.783438052	0.503796176	0.788061579			
YMR090W	YMR090W::YMR090W::molecular_function unknown				1	0.678878012	
	1.061637668	1.411453647	1.880285447	1	1.034251975	1.358615761	
	2.018587009	2.624714889	1	1.55906124	2.866018229	6.805380709	
	2.618959111	1	4.882774712	8.512533645	12.47507197	9.112295923	1
	2.57566579	4.640172669	8.240750099	3.952759008	1	1.157451989	
	2.486368526	2.929836655	1.69748773	1.299864902	1	1.40182002	
	2.5573338	5.050652982	4.569205137	1.422656682	1	1.583075588	
	2.253772047	0.897774146	2.042821665	1.047246286			
YMR092C	YMR092C::AIP1::Protein localizes to actin cortical patches. Probable binding site on actin lies on front surface of subdomain 3 and 4. 1						
	0.909522515	0.862190055	1.283536799	0.780231266	1	1.142074577	
	1.297933201	0.992287135	0.993833043	1	0.909073941	1.219580163	
	0.967205454	1.036657058	1	1.439456009	1.206871075	1.556233492	
	1.115188683	1	1.654517526	1.290410545	1.322319203	1	
	1.062190342	1.433548004	1.650369822	1.072457318	0.952585366	1	
	1.092006925	1.223989415	1.053209129	0.950419275	0.801473602	1	
	1.582778349	1.406255238	1.433899822	1.044277352	1.453645726	0.823086558	
YMR106C	"YMR106C::YKU80::Exhibits DNA binding activity on its own, associates with Hdf1p to form major DNA end-binding complex" 1						
	1.125771438	1.171045345	1.083755129	1	1.320401127	1.370847912	
	1	1.278005271	1.19454969	0.881656926	1.274761458	1	
	0.909582249		0.678447598	0.842856881			1
	1.081940324	1.179906973	1.145821997	1.068510135	1.089156138	1	
	1.023011228	0.959856836	0.840461582	1.214200881	0.819169415	1	
	0.840445153	0.928683656	1.025021226	0.949649585	0.98557161	0.938668951	
YBR210W	YBR210W::YBR210W::molecular_function unknown				1	1.187893239	
	1.324839584	0.935480678	1.482550717	1	0.943133735	0.920352662	
	1.444647919	1.26520781	1	1.031844719	1.337549182	1.521143184	
	1.314504913	1	1.105890843	0.989817339	0.693305756	1.313980431	1
	1.613775575	1.596631139	1.548319131	1.314658057	1	1.046545253	
	1.111286281	0.761255104	0.900203118	0.944730967		0.969422945	
	1.330209484	1.115460273	1.448375674		1	1.270782135	1.527605221
	1.347239635	1.507550808	1.689399699	1.491187628			
YBR212W	YBR212W::NGR1::negative growth regulatory protein				1		
	1.149367839	1.017611192	1.218691688	0.674327354	1	1.133990553	
	1.185617244	0.770756311	0.736367862	1	1.674837137	1.341635018	
	0.980388087	0.897408244	1	1.553822026	1.077519167	0.576031155	1
	1.486823872	1.318045535	1.149156545	0.898491471			
	1.383136252	0.930772779		0.792283954	0.779069035		

	0.387905204	1	0.948398443		0.821185471	0.984984348		
	0.720638564							
YBR214W	"YBR214W::SDS24::Similar to S. pombe SDS23, suppresses DIS2, localized to the nucleus"							
	1	1.370708409	1.559151311	0.873337014				
	0.58738945	1	1.77716779	1.903157806	0.969462495	0.663706844	1	
	3.275996613	3.458069771	2.857051839	1.073728825	1	3.574428036		
	3.238448089	3.635937252	1.862295479	1	1.641524633	1.290378133		
	1.309971483	1.010479856	1	1.126399468	1.376532388	1.296214968		
	1.081219123	1.085026222	1	1.252387498	1.234508386	1.700818381		
	1.410914377	1.350020041	1	1.475354526	1.291447645	1.215927791		
	1.047508368	1.811574182	0.922032049					
YBR216C	YBR216C::molecular_function unknown							
	1	1.229678336						
	1.226873139	1.309579081	1.17989137	1	1.200621102	1.29287641		
	1.117997582	0.990216572	1	1.482786769	1.331900709	0.835166797		
	1.330420814	1	1.318075439	0.990613096	0.750786148	1		
	1.114810213	1.177437526	0.646454399	0.431194782	1	1.129920689		
	1.102376112	1.059399867	1.162360716	1.083485728	1	0.924503835		
	0.832741528	0.852237267	0.816293292	1	1.056368072	0.99157202		
	0.610661919	0.975933772	1.029733823					
YBR232C	YBR232C::YBR232C::molecular_function unknown							
	1	1.154734565						
	1.382047345	1.202049228	1.082423564	1	1.204806746	1.239330203		
	1.313204866	1.206557477	1	1.299312184	1.400574102	1.3045102		
	1.331538661	1	0.873584596	0.850487402	1.123452272	1.209327115	1	
	0.850374206	0.854227419	0.579481929	1	0.873293277	0.773092636		
	0.617994138	0.660855455	0.712201714	1	0.991810585	1.059356921		
	0.699747528	0.953945748	1.422656682	1	1.16094489	1.330555067		
	1.158888966	1.443028511	1.032360714					
YBR234C	"YBR234C::ARC40::Arp2/3 complex subunit, 40 kilodalton"							
	1							
	1.693451834	1.370734566	1.461047036	1.232122651	1	1.459367771		
	1.791670099	1.41962932	1.374339394	1	1.36420993	1.258588531		
	1.942270169	1.287619678	1	1.155271598	0.868327564	0.854219138	1	
	1.137846362	1.868763087	1.549236324	1	1.021235888	1.231170748		
	1.280573822	1.057163817	1.043334783	1	0.963178667	1.102962463		
	1.238991845	0.854657521	0.992363543	1	1.063531408	1.180543429		
	1.237120565	1.056676845	1.210304306	0.685613585				
YBR236C	YBR236C::ABD1::RNA (guanine-7-)methyltransferase (cap methyltransferase)							
	1	1.459370301	1.306922413	1.478996013	1.525832836	1		
	1.275558149	1.270054931	1.338403486	1.357371171	1	1.441176281		
	1.291915851	1.373192959	1.520196822	1	0.935278832	0.679322947		
	0.763514134	0.904738402	1	1.072589267	1.340244249	0.917027038		
	1.076958767	1	1.057494962	1.06066742	0.961728044	1.077343422		
	0.932361214	1	0.991122652	1.045316299	0.988306648	0.901571945		
	0.896705326	1	1.244635501	1.138868118	0.986653257	1.023703668		
	1.095662317	1.215366122						
YBR238C	YBR238C::YBR238C::molecular_function unknown							
	1	1.334435136						
	0.923379227	1.396954526	0.849766201	1	1.381406321	1.210236281		
	0.9320554	0.790773162	1	1.367123063	0.64321552	0.616812847		
	1.24765907		1.212546034	0.555620815	1			
	1	0.626410826	0.37936616	0.415384689	0.996555295	0.432054724	1	
	0.61917962	0.3319661	1.039678031	0.432944495	1	0.59173579		
	0.448341202	0.842423404	0.386415008	0.601553668				
YBR240C	YBR240C::THI2::Transcriptional activator of thiamine biosynthetic genes							
	1	1.46480564	1.39930679	1.499760316	1.501322575	1	1.468738184	
	1.332450876	1.400206481	1.566985634	1	1.12518819	1.271545444		
	1.395669761	1.786013569	0.694314128	0.893168773	0.998440739			
	0.78392042			1	0.864989228	0.899866778		
	1.046272868	1.083044972	1.014510266	1	0.751578146	0.798419195		

0.828416697 0.833885262 0.797759822 1 0.911755277 0.882604669
 0.892439538 0.677606969 1.169707323 1.106788787
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 1.233192155 1 0.974728835 0.514306197 0.977705234 1
 1.214059101 1.358950279 0.724856092 0.767861424 1 0.821189231
 0.666076512 0.533393896 0.752434356 0.84415377 1 0.74203535
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 0.991694748 1.292106148 0.865290896 1.161077402
 YMR108W YMR108W::ILV2::acetolactate synthase 1 0.896049446
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 0.608437119 0.573871553 1 0.924310792 0.681108748 0.284496383
 0.709214038 1 0.633535705 0.327395567 0.3224347 0.430244279 1
 0.716747333 0.270911493 0.154929455 0.575291769 1 1.078460442
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 1.031001132 1.217162648 0.981182428 1.832840461 1.108540012
 YMR112C YMR112C::MED11::14 Kd mediator subunit of RNA polymerase II
 holoenzyme 1 0.769276317 1.498861387 0.869884455 1.712315818 1
 0.80965592 0.812075879 1.632680764 1.317144777 1 1.092128897
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 YMR118C YMR118C::YMR118C::molecular_function unknown 1 1.495653227
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 1.488703066 1.081917087 1 1.020964941 1.287419552 0.834118017
 1.091726478 1.138271648 1 0.893929848 0.847856281 0.853116971
 0.960473772 1.05456274 1.379107842
 YMR133W "YMR133W::REC114::meiosis-specific recombination gene; dispensable
 for mitotic recombination and axial elements in meiosis but required for
 synaptonemal complexes, meiotic recombination, and spore viability; classified
 as an early recombination gene" 1 1.976652092 1.750173436 1.957010356
 1.696169694 1 1.547807188 1.743153706 1.741654293 1
 1.706515163 2.07488623 2.681254079 1 2.269728452

	2.386930746	1.155242105		0.349250114			1	
	1.162625207	1.442677811	1.548679492	1.341613219	1.28525457		1	
	0.719654608	1.060323594	0.813076071	0.901744342	0.855247784		1	
	1.071588456		1.041799545	1.063975986	1.393715988	1.20660989		
YMR135C	YMR135C::DCR1::Dose-dependent Cell cycle Regulator						1	
	1.065144123	1.254980171	1.244618166	1.109028461	1	1.232626804		
	1.389339366	1.329324349	1.386815823	1	1.279511824	1.501061184		
	1.584827536	1.193619279	1	1.693773787	1.214422584	1.348333501		
	1.459244668	1	2.048512604	1.807633276	1.924304451	1.143833188	1	
	0.96610493	1.23278654	1.036258959	0.90264686	1.141304281	1		
	1.027694352	0.672674731	0.926695884	1.224974681	0.990538439	1		
	1.09719526	0.884242102	1.140619367	1.163288148	1.622079349	0.919405158		
YMR137C	YMR137C::PSO2::DNA cross-link repair protein						1	1.311529795
	1.155202257		1.075082927	1	1.075973392	0.999837636		
	1.197076697	1	1.151037586	1.219304685	1.084494964	1.273968179	1	
	1.953550436			0.493606802			1	
	1.148555127	1.144430025	1.139583152	1.127771	1.303755057	1		
	1.020438383	1.14403374	0.984926168	1.065378853	0.757271902	1		
	0.940272753	0.992355974	0.955238619	0.880045201	1.12867755	0.908897701		
YMR139W	"YMR139W::RIM11::Required for Imep phosphorylation, association of the Imep-Ume6p meiotic activator, early meiotic gene expression, and sporulation"							
	1	1.420067841	1.301088879	1.235090751	1.158218728	1		
	1.248854307	1.311391037	1.085112873	0.9794978	1	1.548785178		
	1.643696301	1.423658903	1.21920252	1	2.729487071			
	1.126685898		1.519237874	1.102563936	1.159445715	0.907756867	1	
	1.470457611	1.866444476	1.775626524	1.139548186	1.147081516	1		
	1.204179521	1.458884257	1.438081199	0.900570138	1.078888442	1		
	1.442986205	1.72878973	1.202937462	1.348354559	1.671750556	1.185594872		
YMR141C	YMR141C::molecular_function unknown						1	1.477564649
	1.441575959	0.905125131	1.419402434	1	1.00724289	0.99102257		
	1.106796023	1	1.450386214	1.59530182	3.206752281	1.239255971	1	
	1.617978273	6.584053047	1.576683892	1.827717218	1	1.753792312		
	4.879451881	3.54805159	1.249485592	1	1.064949644	0.970657743		
	0.746270724	0.611999762	0.811595961	1	1.117041932	1.597387298		
	1.33640764	0.872526014	1.733292651	1	1.533732068	2.745551285		
	1.384201481	2.476857742	2.149776465	1.442152689				
YBR256C	YBR256C::RIB5::Riboflavin biosynthesis						1	1.34989124
	1.676875944	1.164302815	1.586701039	1	1.116308451	1.091659184		
	1.80309931	1.352692083	1	2.352262437	2.72514553	1.804658122		
	1.333754285	1	2.011488829	1.552180795	1.11342651	1.533346794	1	
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YBR258C	YBR258C::SHG1						1	
	0.973527413	0.914159178	1.255164549	1.548218544	1	0.942236843		
	1.214309337	1.39032955	1.226602703	1		0.883399131	1.020367391	
	0.94562155	1	1.760214701	4.239177209	2.029449792	1.547896312	1	
	0.870806057	0.952580701	0.655309382	0.724431797	0.832851406			
		1.014232528	1.671565167	1	1.196271039	1.372921826	1.153737111	
	1.477940538	1.28629164						
YBR260C	YBR260C::RGD1::Related GAP Domain						1	1.178240713
	1.255161944	1.237047274	1	1.25511481	1.315174483	1.204502409		
	1.099002943	1	1.297162818	1.380674364	1.227176862	1.22386119	1	
	0.964296095	0.913776659	1.162063684		0.509905139	0.831954956		
	0.512482276	0.602272258	1	0.933284015	0.811585949	1.069278359		
	1.17271811	1.084513379		0.941166198	0.960233483	0.874398102		

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 0.956544546 0.828014 1.170709299
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 3.075314584 4.096884873 3.076971906 1.71139584 1 1.051522721
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 YBR264C YBR264C::YPT10::similar to Rab proteins and other small GTP-binding
 proteins 1 1.164204081 1.293170464 1.000910071 1.271904741 1
 0.959052655 0.929153886 1.076855541 1.198469351 1 1.064042436
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 1.039872294 1 1.248529703 1.822240193 1.429512684 1.213502795 1
 0.863015788 0.934632075 0.71468679 0.825498031 0.807042535 1
 0.972336321 0.960498057 0.95306732 1.272823516 1 1.033127495
 1.040579982 0.970303332 1.179802674 1.010470134
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 YBR280C YBR280C::YBR280C::molecular_function unknown 1 1.158799379
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 YBR282W YBR282W::MRPL27::essential for mitochondrial function 1
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 0.785720982 0.978632287 0.844993107 1 0.812993977 0.842239033
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	0.891032764	1.190519512	1.268212322	0.59060578	1	0.8067308	
	0.755722814	1.039028843	0.741344696	1.150073439	0.524498756		
YMR145C	YMR145C::NDE1::Hypothetical ORF				1	1.92228933	1.045499236
	1.282867985	0.974223904	1	1.58068723	1.344873744	0.845436133	
	0.740314978	1	0.535685267	0.768251383	0.475355412	0.354541315	1
	1.240808634	1.006833734	1.420510936	0.67562756	1	0.880457057	
	0.40490452	0.684069188	0.804747263	1	0.454613763	0.13704587	
	0.567325087	0.518328237	0.380637858	1	0.259737505	0.064744865	
	0.049901811	0.433330953	0.551802016	1	0.248045444	0.067767792	
	0.44187583	0.63186753		0.519245027			
YMR159C	YMR159C::APG16::autophagy						
		0.949093882					1
	1.518081081			0.527260006	1	0.92453216	
	0.906857201	0.838989406	1.05375634	1	0.948497723	0.660981074	
	0.755637571	1.133848408	0.608889794	1		1.041787018	
	1.706469399	1.072279805					
YMR161W	YMR161W::HLJ1::Homologous to E coli dnaJ protein				1		
	1.384280801	1.194509557	1.294153577	1.128642618	1	1.189652899	
	1.072641247	1.142171845	1.262272712	1	1.126503481	1.233776568	
	1.193582439						
	0.69502798	0.855972937		0.810548005	0.953044504	1	1.09349901
	0.959053885	0.863474426	0.867163661	0.951610617	1	0.819239135	
	0.917377926	0.74922589	0.533168146	0.615127963	6.077706171		
YMR163C	YMR163C::YMR163C::molecular_function unknown						1.018274376
	0.726565897		0.832123673		0.863249063	0.819392963	
	0.871035289		0.658957718	0.78410779			
	0.539117194				1	0.996299349	
	1.041453633	1.10067565	1.170085123	1	0.939321519	0.917022524	
	0.987168593	0.885587848	0.885233703	1	0.931823371	1.223106114	
	0.68778224	1.170724641	1.030609488				
YMR165C	YMR165C::SMP2::involved in plasmid maintenance				1	1.697760397	
	1.421286149	1.377697363		1	1.60677827	1.506924142	1
	1.464178437		1.543108109		0.311255769		
			1	0.936283545	0.846254854	1.136151872	
	1.100973521	0.886489097	1		1.043839794	0.926045052	0.852394452
	0.961811692	1	1.046200292	1.166644847	1.151300491	1.103691017	
	0.99406626	1.09190311					
YMR168C	"YMR168C::CEP3::Cbf3 kinetochore complex binds CDE III centromere element; Cep3p contains an N-terminal Zn2Cys6 type zinc finger domain, a C-terminal acidic domain and a putative coiled coil dimerization domain"				1		
	1.235173319	1.279875619	1.315609634	1.213806432	1	1.240089029	
	1.229282251	1.183202689	1.193567793	1	1.111947644	1.182531443	
	1.264007867	1.192032823	1	0.963538661	0.669613591	0.854252712	1
	1.218275797	1.209460358		0.952887727	1	0.969625664	0.994370865
	1.02793909	1.056797447	0.918351765	1	0.911226993	0.862191416	
	0.741290689	0.68459633	0.877152652	1	0.923911955	1.049834942	
	0.974893104	1.0038621	0.957655018	1.220619903			
YMR171C	YMR171C::YMR171C::molecular_function unknown				1	0.879269841	
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	0.723920377	0.700711181	1	0.858060331	0.895572385	0.661797075	
	0.915714468	1	1.22495078	4.84445074	1.080031142	1	
	1.258039637	0.750323743	1.292488639	1.385165417	1	1.125162474	
	1.19576588	1.302384308	1.37611675	1.107766573	1	0.906182566	
	0.85255218	0.881791269	0.793341056	0.795401384	1	0.971749223	
	0.942622657	1.245080544	0.941385577	0.915112264	0.764419775		
YMR187C	YMR187C::YMR187C::molecular_function unknown						1.204198668
	1.157281073	1.118961574		0.948000015		1.406294498	

1.004291461	0.849346723	0.83669328	1.197303596	1	0.769925061
0.544096558	0.555590202	0.972028218		0.413279273	0.856555724
0.522911461	1	0.789584803	0.987317143	0.944374929	0.876956638
0.715204803	0.861005239	0.834827841	0.980239835	0.914303672	1
0.885400025	0.864483827	0.854100289	0.749486643		
YMR189W	YMR189W::GCV2::Glycine Cleavage system		1	1.040881014	
0.961500461	1.125960515	0.603770064	1	1.085035095	0.83548502
0.56521328	1	2.321709452	2.866909471	0.95679438	0.822393313
4.08305117	4.569185624	2.48426697	0.606506879	1	2.216916923
1.995077573	1.223150669	1.276274895	1	1.396091588	1.431310435
1.671178478	1.644911317	1	0.874560102	0.939040553	0.967963459
1.490467014	3.004718057	1	0.62339145	1.005657375	1.157399799
1.408685015	4.786243075	1.583128164			
YMR191W	YMR191W::YMR191W::molecular_function unknown		1	1.154143171	
1.047679347	0.999518084	0.902512984	1	1.064746264	1.042288801
1.099990505	1.111161789	1	1.197598698	1.169112003	1.333373725
1.139741244	1	0.733379896	0.814304264	1.254999649	1
1.17692504	1.007280874	1.08872823	1.607474854	1	1.108492229
1.035367555	1.282971502	1.214381792	0.941252169	1	1.062468987
1.061908941	1.407838743	1.068657871	0.693670239	1	0.980245038
1.006621078	0.850591314	0.798173936	1.385237183		
YBR288C	YBR288C::APM3::Mu3-like subunit of the yeast AP-3 complex which functions in transport of alkaline phosphatase to the vacuole via the alternate pathway		1	1.428389976	1.361509516
1.458216548	1.282325677	1.505752135	1.382436517	1	1.149191213
1.0597831	1.163941055	1.290507415	1	1.060508758	0.747614599
1	0.93615438	1.2380557	1.366391017	1	0.991774398
1.064591622	0.869209861	0.802116269	0.894734172	1	1.035112507
1.212575922	1.066633116	0.833940134	1.155651325	1	1.234701637
1.354177917	0.980191086	1.253172986	1.240615866	1.34320725	
YBR290W	YBR290W::BSD2::metal homeostasis protein; putative membrane protein		1	0.836689158	0.980957676
0.951496435	1.033789816	1.09029235	1	0.961889014	1.097248287
1.042000991	1.134269329	1	0.821016275	1.048379556	1.154298842
1.044850543	1.460634023	1.154553035	1.190056898	1	1.103354765
1.251294312	0.85296001	1.037132095	1		1.457031916
1.226019508	2.187323358	1	1.345158509	1.294938142	1.24434733
1.125262098	1.522956335	1.04024128			
YCL002C	YCL002C::YCL002C::molecular_function unknown		1	2.317234159	
1.56303639	2.177061668	1	1.473038422	1.137555837	
1.773246609	1	1.537553627	1.088350379	1.319909091	1.322341757
1.228555091	0.974761448	1.049055411	1	1.123424236	0.952133205
0.915392546	1.189532968	1	1.21728326	1.064802734	0.960517497
1.449091947	1.021678102	1	0.848502577	1.142176295	0.795569144
0.678118611	1.146057295	1	1.119605066	1.205838703	0.942697609
1.457175294	1.0331422	1.424640225			
YCL004w	YCL004w::PGS1::17 kDa phosphatidylglycerolphosphate synthase		1		
1.463875222	1.309702928	1.574448639	1.245380956	1	1.352092543
1.485668723	1.376750031	1.33384726	1	1.185836854	1.364634616
1.026173782	1.29973168	1		1.142902563	1
1.089034406	2.305404485				0.979250541
0.925295231	1	0.696111782			1.087416152
0.786069272		0.999964678	0.759165994		
YCL006C	YCL006C	1.078607396	0.994188143	1.070065741	1.037707084
1.027908044	1.177465533	1.014934644	1.068040398		0.963299998
1.015408297	0.978089756	1.026959485	1		0.986373827
0.647101154	1	1.404403289	2.978061864	1.182022281	1.350889747

0.834736699 0.83792326 0.74081382 0.998650614 0.967238289 1
 0.86120253 0.817423706 0.746835398 0.922982453 1.329884526 1
 0.872841098 0.958524377 0.847822792 1.109725187 1.203107335
 YCL008C YCL008C::STP22::Ste pseudorevertant; required for vacuolar targeting
 of temperature-sensitive plasma membrane proteins; homologous to the mouse and
 human Tsg101 tumor susceptibility gene; mutants exhibit a Class E Vps phenotype.
 1 1.014307972 0.932767088 1.0823508 0.549938743 1 1.122899277
 1.477326539 0.778030268 0.871200966 1 1.473851966 1.431604408
 0.718124848 0.850761512 1 0.904944244 1.600692771 0.40211264 1
 0.644430821 0.738942932 0.190667265 0.469003703 1 0.919200979
 0.838836765 0.96345186 1.1431639 0.858354296 1 0.868544109
 0.54192916 0.602624518 0.887581225 0.453556357 1 0.780145367
 0.577704853 0.948437478 0.590192753 0.9796438 0.61293679
 YCL010C YCL010C::SGF29::SaGa associated Factor 29kDa 0.921002708
 0.999882228 1.158399271 0.675488608 1.107816146 1.135727031
 1.025534505 0.993698835 1.110387077 1.04502437 0.696465354
 1.119963468 1 0.505763624 0.538960756 0.42857929 1
 1.368141131 0.952127942 0.693572534 1.174601031 1 0.9735012
 1.273286239 1 0.741096268 0.421422638 0.57949504 0.721038337
 1 0.974407241 0.568916556 1.133732041 0.416619467 0.639205537
 YCL012W YCL012W 1 1.710320727 1.839136812 1.495836596 2.329134524 1
 1.474209985 1.272303945 2.037885229 1.931489853 1 1.466073419
 1.243840621 1.621325868 1.795901308 1 0.606657396 0.417780053
 0.473957605 0.5124394 1 0.497121946 0.998982887 0.609250044
 0.43877629 1 0.98073228 0.906450518 0.852364713 1.24131733
 0.621296203 1 0.901140647 0.908620656 0.822684009 0.922364422
 1.332209012 1 0.876089866 0.877652561 0.988564573 0.878130299
 1.187971746 0.978071994
 YCL027w YCL027w::FUS1::cell-surface protein required for cell fusion 1
 1.439928823 1.225096599 1.031481449 1 1.28117073 1.21591314
 0.982351744 0.983336397 1 1.267565094 1.269372271 0.890267024
 0.932576107 1 0.825839463 0.79584121 0.457785198 1
 1.045692641 1.347812391 0.939426428 0.980672178 1 0.890894755
 0.937189537 1.107369544 1.084585091 0.695718257 1.209605099
 0.929807862 1.124226187 0.872904998 0.54102569 1 1.016505582
 0.716067799 0.883691087 0.60528437 0.848629677 0.652339884
 YCL029c YCL029c::BIK1::Microtubule-associated protein required for
 microtubule function during mating and mitosis 1.139390834
 0.883030048 1.000626017 0.882186527
 1.034791413 1 0.681373421 1.17679117 1 0.701784586
 0.435677917 0.995179568 0.957217005 0.867751707
 0.944432653 0.811756337 0.791122117 1.144475417 1
 0.957750583 0.886744898 1.150140143 0.966666592 1.020101927
 YMR193W YMR193W::MRPL24::Mitochondrial ribosomal protein MRPL24 (YmL24) 1
 0.823888325 1.367507521 1.148561287 1 0.903552337 1.030265289
 1.364216334 1.263766552 1 0.973880446 1.142598299 1.315879724
 1.097682725 1 1.210066476 0.952561731 0.85649315 1.466433004 1
 1.437391381 1.429784185 2.467930274 0.96523446 1 1.226430875
 1.729317895 1.212554965 1.0820358 1.256641664 1 1.548234196
 1.860454161 1.708061463 1.67903986 1.5853101 1 1.115125561
 1.517534027 1.193829636 1.625999445 0.836446015 1.069136866
 YMR196W YMR196W::YMR196W::molecular_function unknown 1 1.450350181
 1.7034786 1 1 1.279013648
 1.829546626 1
 1 0.96200866 0.854519976 1.007685322 1
 1.477768383 1.105963444 1.22607897 1 1.227107758 1.427197868
 1.166211193 1.279664864 1.099417461 0.992957567

YMR198W YMR198W::CIK1::<u>c</u>hromosome <u>i</u>nstability and
<u>k</u>aryogamy; CIK1 is important for proper organization of microtubule
arrays and establishment of a spindle; is essential for karyogamy; and
expression is regulated by KAR4 and mating 1 0.725678882 1.064668549
1.019024758 0.950251314 1 0.989411976 1.087877594 1.178832211
0.862056513 1 1.071513457 1.044614017 0.607299857 1.151200847 1
0.673157012 0.72998132 0.813853317 1 1.537958062 2.603244482
1.399824473 0.753181714 1 0.801980033 0.944993959 0.888525605
0.942424485 1.097191629 1 1.093391559 1.096902029 0.986112811
1.249424717 1.05921946 1 0.959541031 1.054136784 1.216139405
0.693049916 1.278605233 1.143564939

YMR213W YMR213W::CEF1::homolog of S. pombe cdc5+ 1 1.185609678
1.259241143 1.545835534 1.226071838 1 1.249196069 1.162698156
1.161457333 1 1.019444952 1.185751974 0.932960084 1.380919654
0.852521943
0.804430486 1.028511875 0.752374702 0.571252587 1 0.921349388
0.981029745 0.975205129 1 1.029928817 0.880602077 0.875165093
1.374862283 0.849860049 1.303804103

YMR215W YMR215W::GAS3::Hypothetical ORF 1 1.306156917 0.793089081
1.106509057 1 1.232839514 1.068665589 0.564914736 1
0.943317295 0.70628396 0.43662368 0.795864898 1 0.799490958
0.322955199 0.336375232 1 0.396996386 0.232815636 0.281453073
0.304491806 1 1.057727402 1.042595942 1.277475087 1.431929148
1.135048487 1 1.002316813 0.871235353 1.035011006 0.661959129 1
0.912213322 0.645562227 0.797763322 1.382843974 0.782176173 1.058629408

YMR217W YMR217W::GUA1::GMP synthase 1 1.20084969 0.666399928
0.728795617 0.640771031 1 0.989542823 0.80191379 0.546011281
0.670575459 1 0.917477806 0.443139389 0.180582964 0.706005552 1
0.664403649 0.240908418 0.124470646 0.322903808 1 0.420898482
0.114813177 0.065676171 0.311641309 1 1.023635097 0.548825897
0.827944298 1.384780893 1.002487515 1 0.742449671 0.282833336
0.375417875 0.468714315 0.276637662 1 0.832963325 0.342494536
0.526398517 0.648005113 0.294052163 0.638329872

YMR219W YMR219W::ESC1::Establishes Silent Chromatin 1.051519064
1.082365322 0.795717152
0.990943956 0.815497841 0.057704391 0.319544072 1
0.615564117 3.026493792 3.691674426 1.997298302 1 1.064722299
0.959485537 0.943261742 1.06655383 1 1.346987246 1.27300807
1.44601045 1.065856943 1.354845344 1 0.949237277 1.31109086
0.831423454 0.932284354 0.619082369

YMR219W YMR219W::ESC1::Establishes Silent Chromatin
1 0.857941158
0.967579574 0.990964354 0.990715321 1 0.633509358
0.651786974 0.910213289 1 0.77160112 0.852934004 0.832152529
1.053877464 0.829259164 0.839723408

YMR221C YMR221C::YMR221C::not yet annotated 1 1.555449573 0.973659254
1.089489404 1.167823801 1 1.254559215 1.074915667 0.958948666 1
1.229999754 0.753224171 0.706341293 0.918414632 1 0.880810387
0.463111326 0.644282652 0.854021034 1 0.557629885 0.457210524
0.482205903 0.594814935 1 1.014494816 0.559951132 0.658184585
1.384479027 0.952134544 1 0.78730941 0.400044441 0.34531433
0.512190055 0.748256589 1 0.702186861 0.388701792 0.594846845
0.948093788 0.577475392 0.761792884

YMR223W YMR223W::UBP8::putative deubiquitinating enzyme 1 1.031715986
0.842160101 1.161185598 1.06986959 1 1.155201428 1.225077996
0.804725345 0.87678017 1 0.794389412 0.750462042 0.619916243

0.907480838	1	0.569392016	0.627380972	0.920582039				
0.513397664			1	0.911837152	0.767348758	0.786355265		
1.030437385	1.072657112	1	0.77357811	0.614869831	0.48691516			
0.693732443	0.64160195	1	0.89099064	0.673724695	0.854561662			
1.024349164	0.675439992	1.207485451						
YMR239C	YMR239C::RNT1::Ribonuclease III		1	1.115013233	1.105614738			
1.454471562	1.452362864	1	1.060471782	1.046803391	1.468765251			
1.53671339	1	0.719745491	0.701742027	0.662944714	1.336201104	1		
0.737327785		0.707383638					1	
0.63533634	0.476523454	0.483049048	0.611458466	0.840420524	1			
0.785389832	0.698669604	0.633665373	1.004417127	1.139726815	1			
0.600305097	0.695191853	0.916428596	1.242027598	0.531648806	1.227624805			
YCL031C	YCL031C::RRP7::involved in rRNA processing		1	0.841869793				
0.965133287	0.953558914	1.203376249	1	0.916645145	0.784869277			
1.251114189	1.00131025	1	0.728178365	0.869408005	0.828807615			
0.929616727	1	0.773494707	0.640910936	0.662517397	1.046322057	1		
0.914678143	1.135419207	1.232248298	1	0.677230723	0.706690931			
0.433303995	0.495578848	0.741515805	1	0.812890758	1.094228121			
0.815835232	0.921207927	1.718159154	1	1.032091148	1.184079199			
1.118952093	1.47583502	1.358738404	1.514829537					
YCL033C	YCL033C::YCL033C::molecular_function unknown		1	1.384543418				
1.829700031	1.387692327	2.062344213	1	1.318357514	1.389211551			
2.505856994	2.228213694	1	1.274687081	1.806002107	2.962885812			
2.193945623	1	1.181759602	0.924744665	1.266795155	1.805851229	1		
2.289829691	2.812204357	3.679343791	2.480065219	1	1.183532014			
1.32711048	1.317743773	0.989030751	0.952239316	1	1.11849496			
1.751875852	2.038049238	1.821730717	2.121689892	1	1.224729583			
1.512777053	1.322923635	1.076267228	1.451535906	1.350212256				
YCL035C	YCL035C::GRX1::Glutaredoxin		1	0.844959415	1.567219851			
1.247149368	2.361289266	1	0.96074144	1.206819986	2.360142714			
2.420176228	1	0.874185256	1.797991627	3.691847503	1.651487556			
		0.771842707			1	0.956429465		
1.244622779	0.998602494	0.714200044	1.036855498	1	1.152933737			
2.195512969	2.033483977	2.23190242	2.599434882	1	1.2220758			
1.717007193	1.367350619	1.765920225	2.467099946	1.534093225				
YCL037c	YCL037c::SRO9::Associates with translating ribosomes; may function in the cytoplasm to modulate mRNA translation; may be involved in organization of actin filaments		1	1.947278522	1.68518262	2.523254233	1.856074696	1
2.10960007	2.098729082	1.744986129	2.069525699	1	1.40271058			
1.285397683		1		0.983466797	1			
0.763821987		1	0.648786273	0.531095541	0.767721105			
1.046016561	0.476377684	1	0.698517291	0.393911934	0.490893862			
1.110217055	0.381102723	1	0.466253544	0.406458658	0.83541133			
0.429184929	0.351076146	0.413294531						
YCL051W	YCL051W::LRE1::involved in laminarase resistance		1					
0.841924393	0.880753465	1.026095412	0.753618188	1	0.947218336			
1.027645138	0.827620751	0.669556106	1	1.146355714	1.052159844			
0.565504776	1.015080312	1	1.168899152	1.107313178				
0.831215222		1	1.285781233	1.433625659	1.506249661			
0.823223008	0.926758112	1	1.388999647	2.072127289	3.016487564			
1.836203119	1.836787431	1	0.933027291	1.794582208	1.454110201			
0.727858795	1.030589293	1.697834945						
YCL053C	YCL053C	0.833581282	0.962301243	1.175741745				
0.767601556	0.695275824	1.625602157	0.560618884	0.574340313				
0.698802456	1.296181437	0.201034661	0.295874156	0.680773012	1			
0.45363844	1.009068195	0.655347897	0.459851947	1	0.663912731			
0.557072065	0.626998838	0.808624348	1	0.680356538	0.778551745			

	0.557943898	1.232431016	1.549288819	1	0.623933383	0.746364671	
	1.243001803	0.543153933	0.817471741	0.898390244			
YCL055W	YCL055W::KAR4::May assist Ste12p in pheromone-dependent expression of KAR3 and CIK1						
	1	0.766659402	0.838403505	0.746233639	1		
	0.841736241	0.769940735	0.795553991	0.775980791	1	0.7550667	
	0.932871724	0.909373663	1	1.087217393		1.146617303	
	1.430865214	1	1.266857738	1.274295613		2.128212485	
	0.982625723	1.042814348	0.962840687	0.717470709	0.979836975	1	
	0.939475168	1.440999115		0.808744965	0.907631317	1	1.75093598
	1.695274607	1.55803811	0.888583488	1.469947905	0.937793286		
YCL057w	YCL057w::PRD1::Saccharolysin (oligopeptidase yscD)						
	1	0.930880863	0.781357809	1.085434678	0.516228255	1	1.009652587
	1.068442773	0.696039679	0.62242544	1	1.243809864	1.378538471	
	0.839114136	0.99727949	1	1.452319147	1.80471737	2.295185567	
	1.084765845	1	0.999210729	0.637295059	1.059493205	1.15383909	1
	1.145691397	1.286086355	1.854960117	0.966567506	0.897287847	1	
	1.085024723	1.181770812	1.424651425	0.958565556	0.461849483	1	
	1.353386277	1.616043576	1.5386933	0.646661469	1.163193661	0.83184279	
YCL059C	YCL059C::KRR1::Involved in cell division and spore germination						
	1	0.673956652	0.562289916	0.580205331	0.801504166	1	0.547311353
	0.408560949		0.901249947	1	0.52106883	0.28842563	0.218106953
	0.922040196	1	0.586667023		0.205019998	0.534139327	1
	1.576760808	0.763792314	0.39078089	1.05037321	1	0.886845105	
	0.619725952	0.456889958	0.681266322	0.891451728	1	1.089518964	
	1.011285133	0.770827286	1.21462987	1.855206606	1	1.072995426	
	0.863717193	0.812080927	1.183759652	0.584015762	0.937793286		
YCL061C	YCL061C::MRC1::Mediator of the Replication Checkpoint; required for full activation of Rad53p in response to replication stress.						
	1	1	1.029075676	1.08124733	1	1.089316127	
	0.759925797	1.520054816		1.160135203			
	1	0.951638505	0.856941643	1.087386866	0.975377328		
	1.041062009	1	0.872584967	1.210364411	1.160558707	1	
	0.712559436	0.967855279	0.099577672	1.010153541	0.936042061		
YAR075W	YAR075W::YAR075W::molecular_function unknown						
	1	1.230344158	0.851246419	1.612106488	1	1.107249262	0.93420051
	1.215591241	1.276121611	1	1.083881007	0.725230434	0.707171837	
	0.744356483	1	1.045403035	0.438331357	0.31836405	0.735011311	1
	0.942395055	0.750845181	0.359984534	0.47689853	1	1.002818592	
	0.852581166	0.588999143	0.945029676	0.735697533	1	1.028954334	
	1.089472331	0.784368439	0.541001867	1.772137132	1	0.914932084	
	1.331849491	0.810374551	2.052495921	1.3000847	1.23375425		
YER019CA	"YER019CA::SBH2::Ssh1p-Sss1p-Sbh2p complex component, involved in protein translocation into the endoplasmic reticulum"						
	1	1.393399484	0.754587768	1.858479795	1	0.991432721	0.895513607
	1	0.965735121	1.094000395	1.511858006	1.004415211	1	0.627269113
	0.518427073	0.483899011	0.79501819	1	1.719113024	2.606814777	
	1.858696629	1.159878744	1	0.969054918	1.063337908	0.720387453	
	0.823945044	1.005776817	1	1.236299664	1.459650228	1.198785035	
	1.061228348	1.994610441	1	0.927492355	1.259329792	1.071336819	
	1.755065302	1.335464727	1.345834036				
YML085C	YML085C::TUB1::alpha-tubulin						
	1	0.985374318	0.802615766	1	1.174096437	1.090935323	0.791990942
	0.868150572	1	1.02981401	0.990378305	0.794513236	0.849481868	1
	1.581467131	0.926296623	1.207269319	0.683309939	1	0.781652358	
	0.590044632	0.31638227	0.426719513	1	1.112596552	0.79697316	
	1.372154092	1.333038405	0.933984732	1	0.903210136	0.845992026	

0.87389657 0.967751948 0.625634005 1 0.925021379 0.799488771
 0.974172762 0.780797429 0.848479645 0.830091564
 YMR241W YMR241W::YHM2::Yeast suppressor gene of HM mutant (abf2) 1
 1.630928944 1.303344911 1.146861727 1.317973182 1 1.337703037
 1.174291415 1.076374592 1.264515703 1 1.068738009 0.997063565
 0.947815877 1.150436525 1 0.802927912 0.697387707 0.973360292
 1.404338747 1 1.215737964 1.097033784 1.280162443 1.108461418 1
 1.061882626 0.902057977 1.247139028 1.39377429 1.20638152 1
 1.062809544 0.99246251 1.108338644 1.124399734 0.783527672 1
 1.023018778 0.879100098 0.879905235 1.371891184 0.503575923 0.992082006
 YML056C YML056C::IMD4::similar to IMP dehydrogenase 1.722570573
 0.89397216 1.208715793 1.074908011 1.457716507 1.189547645
 0.936760883 1.190704017 1.079040617 0.579628893 0.370435424
 0.825287722 1 0.747603513 0.29969839 0.355119263 0.442690478 1
 0.512123409 0.241094544 0.157993255 0.501549399 1 0.953645248
 0.614501587 0.754296477 1.280795962 0.83090848 1 0.781023106
 0.593512564 0.410443237 0.473130991 0.733749617 1 0.786244845
 0.501716486 0.608430769 0.955570485 0.535412663 0.829215951
 YMR243C YMR243C::ZRC1::Zinc- and cadmium-resistance protein 1
 1.158943161 0.660547934 0.908757321 0.644334994 1 1.039720129
 0.893648131 0.62586665 0.895111876 1 0.921236211 0.622691196
 0.434280753 0.805860224 1 0.722942877 0.450610918 0.483961003 1
 0.669158462 0.222806999 0.194710881 0.437683581 1 0.90320424
 0.698063093 1.348718763 1.376976842 0.866081337 1 0.979940891
 0.678771986 0.725416307 0.883052393 0.500475945 1 0.715915712
 0.381406208 0.628282822 0.266341615 0.830967177
 YML058CA YML058CA::YML058C-A::molecular_function unknown 1
 0.89035696 0.871300358 0.570235629 1 1.035384998 1.074850515
 0.595701506 0.565610819 1 1.049753998 1.314357848 0.501177161
 0.771312221 1.23785232 0.880866185 1.283555814 1
 1.770405123 1.660109715 1.348210878 1.201348302 1 1.08625946
 1.055254107 0.931617447 0.869315011 1 1.253902806 0.839147234
 1.412539933 0.823137883 1 0.673346596 1.254378332
 0.550517773 0.871844482 0.724141067
 YML117WA YML117WA::YML117W-A::molecular_function unknown 1 1.430586791
 2.166092077 1.349721671 2.188042622 1 1.437375748 1.536571513
 2.023818844 1.872348811 1 1.424780036 2.814823494 1.507742764 1
 1.490124537 1.324608452 1.37279949 1.668270651 1 1.978941248
 3.633709024 3.004877574 1.143048411 1 1.220459978 1.311518594
 0.982048093 0.850670529 0.893167971 1 1.078202709 1.393858108
 1.263163563 1.07177744 1.469608046 1 1.182562567 1.771022749
 1.281418721 1.728017753 1.659061161 1.306430994
 YMR245W YMR245W::YMR245W::molecular_function unknown 1 1.371375625
 1.639477204 1.212589381 2.091244579 1 1.137647448 1.18168739
 1.788012207 1 1.257577476 1.325770922 1.976454639 1.718265175 1
 1.051535166 0.973677847 1.00037606 1 2.2521094 2.118310604
 2.432966312 1.258941393 1 0.914419443 1.121090663 0.814786713
 0.836599469 1.05855862 1 1.323570713 1.988420253 1.514697014
 1.875893659 2.948561869 1 1.031977786 0.971838077 1.723356358
 0.977304833 1.152321171
 YMR290WA YMR290WA::YMR290W-A::molecular_function unknown 1 1.000416725
 0.783759052 0.874803252 0.906010676 1 0.92557895 0.757998308
 0.894415567 0.914549754 1 0.795689515 0.741885061 1.055073501
 0.9447405 1 0.698074247 0.357245915 0.660384877 0.69841153 1
 1.025888965 1.40661818 1.078700366 0.431847167 1 0.664454959
 0.5287983 0.751963315 0.886198047 0.84447199 1 0.942597806

0.731833156 0.809095222 1.021973399 0.746476156 1 0.794991914
0.701749464 1.018018913 0.861650069 0.680606769 1.093654335
YMR247C YMR247C::YMR247C::molecular_function unknown 1
1 1
0.411214394 1 1.125075591
0.846546125 1.105095151 0.941024217 1.042980326 0.880305573
0.96753569 0.800855688 1.089707381 1 0.992940261 1.356130593
0.737023464 1.054809077 0.568176748
YMR247C YMR247C::YMR247C::molecular_function unknown
1 1.053793186
1.020032524 1.092221328 1.261148867 1.111444583 1 0.910842873
0.618142167 0.58231252 0.831295538 0.592514789 1 0.695200793
0.567181787 0.870215882 0.622387933 0.596014657 0.87299711
YMR292W YMR292W::GOT1::Golgi Transport 1 1.658459205 1.37041172
1.087227965 2.393164476 1 1.028711073 0.913184814 1.648041153
1.696374528 1 1.123514792 0.913888682 0.988312021 1.215133914 1
1.179542211 0.831108806 0.709202024 0.961646456 1 0.82972312
0.879814801 0.553994177 0.612357962 1 0.993208923 0.951704034
0.810520262 1.053272372 0.796254075 1 0.757068904 1.02169216
0.87470464 0.737378174 1.031757211 1 0.92100818 0.97555924
0.805683814 1.539936492 0.821895906 1.519207653
YMR251W YMR251W::YMR251W::molecular_function unknown 1 1.63724262
1.715280756 1.789523521 1.484582097 1 1.464681791 1.569681235
1.766366955 1.522269666 1 2.568214922 4.255045356 1.627202386 1
1.670843659 0.957797509 1.102700012 1.091045138 1
1 1.051426669 0.977102825 1.106267067 1.067200186 1.020222907 1
0.823238018 1.023377191 0.979767175 1.513391404 1 0.664186621
0.696330132 0.70848585 0.546573628 1.070755619 0.527125646
YMR267W YMR267W::PPA2::mitochondrial inorganic pyrophosphatase 1
0.947343173 1.325249805 1.252802148 1.803000141 1 1.149851511
1.66380206 1 1.063846364 0.961300882 1.208146988 1.208693832 1
0.966435038 1.215988702 0.835963977 0.997988993 1
1.071421588 1.267237522 1.060379748 0.977028487 1.192653174 1
0.936961755 1.100682746 1.133603095 1.317331043 1.48475729 1
1.106733374 1.115134929 0.866334168 2.116716907 0.974569543
YMR269W YMR269W::YMR269W::molecular_function unknown 1 0.714640169
1.088459111 0.910334162 1.406911694 1 0.801038763 0.950813503
1.270138997 1 0.742737978 0.592947714 0.881939362 0.958969088 1
0.419983321 0.851940149 1 1.892059558
1.710225217 1 0.603464443 0.460241372 0.508695067 0.8341813 1
0.721636589 0.88561643 0.779052004 1.998195359 1.851739308 1
0.700409267 0.625691817 0.863892576 1.124735417 1.05725119 1.048997512
YMR271C YMR271C::URA10::Fifth step in pyrimidine bio5 1 1.262083276
1.394065384 1.06840985 1.627506187 1 1.058175414 1.227136971
1.591245402 1 0.902269212 1.587386175 1.928650577 1.381576924 1
1.453614486 2.247487344 3.429183009 4.538933312 1 2.558975758
5.254608087 9.338644523 4.338538993 1 1.003077449 1.111964786
1.074506217 0.884975243 1.063779941 1 0.691752681 1.10930924
1.709894376 0.922773613 1.234225358 1 1.117703878 1.33746658
1.328118609 1.656541882 1.684611009 1.565615701
YMR274C YMR274C::RCE1::Protease involved in ras and a-factor terminal
proteolysis 1 1 1
1.671705164
1 1.035170779 1.128997231 1.084005267 1.205522299 1.012090627 1
0.738912858 1.18902181 1 1.143927926
0.938861383 0.546389387

YMR276W YMR276W::DSK2::Required with RAD23 for duplication of the spindle pole body 1 1.23162845 1.047330766 0.935643735 0.470168829 1
1.601463393 1.5763223 0.732626784 0.710421853 1 1.523542112
1.930459837 0.658027498 1 1.001798344 0.601001572
0.467995146 1 1.163732594 0.802472429 0.934031855
0.988645678 1.09438071 1 0.832057217 0.949679645 0.577753234
0.851278143 1 0.900788257 0.669254343 0.923940589 0.6212053
1.066243283 1.309057884

YMR278W YMR278W::YMR278W::molecular_function unknown 1 1.141602937
0.928826039 1.53980853 1.02779505 1 1.505225957 1.511229985
1.026463499 0.96755383 1 1.150693478 1.400215533 0.676432249
1.420982989 1 1.740568243 1.145299096 0.862922901
0.648440997 1 0.985580476 0.95051882 1.076204383
1.2999281 0.975321892 1 1.016187912 0.659843685 0.858730759
0.457803398 1 0.859188581 0.701310148 0.869614973 0.643532285
0.754903531

YMR294W YMR294W::JNM1::coiled-coil domain protein required for proper nuclear migration during mitosis (but not during conjugation) 1
0.788226449 0.957376999 0.994506153 1.267809713 1 0.949900448
0.868829079 1.422206574 1.08036684 1 0.691961366 0.945841572
1.025614237 1 0.993792286 0.818265459 1.101466132 1.257758151 1
1.624382925 1.488362768 1 0.921025566 0.959870814
0.737111918 0.776481711 0.964221256 1.003113607 1.16347682
1.092449766 1.040096377 1.222411837 1 1.070750362 1.35392908
1.123927833 1.61606575 1.35020315 1.439525903

YMR296C "YMR296C::LCB1::Serine palmitoyltransferase catalyses the committed step in sphingolipid synthesis, the condensation of serine with palmitoyl-CoA to form 3-ketosphinganine." 1 0.926963211 0.82810019 0.804094131
0.585363407 1 0.969789536 0.969720232 0.752909779 0.669261473 1
1.029572072 0.93721429 0.818781191 0.895742154 1 0.691475558
0.795780802 0.806730628 0.615794697 1 0.645874506 0.550755958
0.536539717 0.788717524 1 0.965651309 0.727640549 0.881412258
1.192333652 0.815382066 1 0.644532786 0.532852237 0.534279676
0.718011677 0.659976964 1 0.77473743 0.658862409 0.968245836
0.765169404 0.793819741 1.030609488

YMR298W YMR298W::YMR298W::molecular_function unknown 1 1.163893178
1.495873233 1.00193042 2.006948398 1 0.978386469 0.997321743
1.892515313 1.522201692 1 1.376918037 1.405114591 2.057632022
1.535529411 1 1.301721456 0.86734898 0.832131213 1.194363117 1
1.740434839 2.168556028 1.954120661 1.345998427 1 1.216643271
1.348234718 0.797024239 0.963923719 0.846284481 1 1.069252169
1.95349005 1.197344473 1.311989197 1.962764607 1 1.363458771
1.689706856 1.123965032 1.832594659 1.389460681 1.443028354

YMR300C YMR300C::ADE4::phosphoribosylpyrophosphate amidotransferase 1
0.745828328 0.576451989 0.529747481 1 0.717886693 0.788974129
0.637318812 0.547631028 1 1.005592334 0.99046731 0.5172362
0.467139105 1 1.656707278 1.154499498 0.733957255 0.432290638 1
2.169973746 1.603329254 0.839373351 0.8907193 1 0.975810348
1.029332339 0.678148759 1.168405058 1.279598439 1 0.668463208
1.012531348 0.5391696 0.885120449 4.959637922 1 0.838981077
0.96293396 0.850263732 1.806291716 5.111001876 1.024480042

YMR302C YMR302C::PRP12::Integral membrane mitochondrial protein 1
0.949497005 0.998389497 1.282535562 0.835055593 1 1.267459593
1.492911352 1.117358021 0.910093585 1 1.180320392 1.417134662
1.058450428 1.144007406 1.351399652 1.647318124 1.975363379
0.761915674 1 1.132036376 0.93250787 1.026369041 1.00953098 1
0.919207937 1.034569822 1.143646889 0.996764107 0.991299593 1

1.032838982 0.75573445 0.751417986 0.954327279 0.661446579 1
0.868033788 0.805417011 1.085044974 0.732402516 1.068585547 0.865116491
YMR304W YMR304W::UBP15::putative deubiquitinating enzyme 1
1.161060974 1.244164423 1.430243686 1.131232153 1 1.439437633
1.290937159 1.100397966 1.019825445 1 1.440828974 1.116359134
1.219577884 1 1.803230097 2.134213649 1.964583889 1.212657645 1
1.060808516 1.166353486 1.048281926 1 0.970475486 1.061070716
1.269980838 0.938083507 0.871183486 1 1.180797829 0.857375712
1.207906581 1.020101386 0.734332926 1 1.219654079 1.243454083
1.268428791 0.992761234 1.1371681 0.813454714
YMR318C YMR318C::ADH6::NADPH-dependent alcohol dehydrogenase 1
0.984633706 0.824542035 0.855119237 0.68683387 1 0.918877642
0.905743861 0.848086918 0.799249698 1 1.667663503 1.891255597
1.101556065 0.738931165 1 3.031636579 3.067550142 2.933868776
1.541210231 1 1.918514295 1.333991166 1.439725297 1.089754214 1
1.594394592 1.925090664 2.185765869 1.449974286 0.963765331 1
1.620933952 1.874153943 2.406742927 1.258644561 0.802576356 1
1.297592378 1.520978407 1.498520271 0.80015197 0.673315967 1.267027951
YMR320W YMR320W::YMR320W::molecular_function unknown 1 1.153427378
1.066805594 1.106560136 1.231004409 1 1.135560012 1.227489301
1 0.96726072 1.095387146 0.878424293 1.073493796 1 0.733384698
1.4041362 1.433261634 1 0.717910933 0.86196998 0.240599837
0.28691136 1 0.961680047 0.99116563 1.048049474 1.021486503
0.96737223 1 1.048002711 1.000827915 0.958115968 0.890736298
0.97204795 1 1.027314727 1.049702072 1.169189975 1.220119818
0.951235129
YMR322C YMR322C::YMR322C::molecular_function unknown 1 1.493924701
1.759523101 1 1.537965745 1 1.218324365
2.003363432 1.742341195 1 0.789247246 1.865506318
1 0.904669056 1
0.899206383 0.756025285 0.808670706 0.993958094 1.157378018 1
0.730336916 0.964385095 1.106704789 0.859820562
YGL074C YGL074C::YGL074C::molecular_function unknown 1
1.144799265 1.383194449 1.062985181 1 1.460855571 1.25803362
1.114990629 1 1.437619698 1.684716275 0.98350643 1.434331295
0.311996764 1 0.866891432
0.949084776 1.013711609 1 1.029019766 0.865794555 0.686816962
1.238940991 1.037801939 1 1.002648458 0.676021799 1.173061197
0.703280663 0.963669504 0.789812857
YGL076C YGL076C::RPL7A::Homology to rat L7 and E. coli L30 1
1.164999842 0.938254659 0.858463518 1 0.941679022 0.899435498
1.014605602 0.951269887 1 0.813250599 0.657288074 0.580937606
0.80363028 1 0.633094286 0.381628316 0.201708213 0.433404775 1
1.109084994 0.570636163 0.367342578 1.093335561 1 1.193864452
0.797973629 1.108034439 1.132530624 1.2816473 1 1.018229379
1.071457155 0.702664887 0.526085565 0.977757318 1 1.107407785
0.923899521 0.876072907 1.169563963 0.754401349 1.177714305
YGL078C YGL078C::DBP3::ATP-dependent RNA helicase CA3 of the DEAD/DEAH box
family 1 1.030543597 0.736278817 1.007181727 0.867834306 1
0.878455502 0.722685999 1.001723904 0.980391696 1 0.569396288
0.466303496 0.357171245 1.051489925 1 0.312362321 0.27246761
0.429634713 1 0.404422696 0.286466181 0.236702604 0.630456859 1
0.820769362 0.567974723 0.693154036 1.045031749 1.006721388 1
0.749822646 0.577274875 0.44974445 0.769335627 0.848776619 1
0.56618724 0.529084671 0.737768703 0.93269116 0.411173789 0.901017134
YGL092W YGL092W::NUP145::Nuclear pore complex protein with GLFG motif
0.869324483 0.90628634 0.80412786

0.780043922 0.744632764 0.851884582
1 1.496898928 1.258735246 1.151644348
1.010370734 0.921514839 0.873828696 1
0.853913791 0.917942798 0.940989442 1.036358777 0.733667562 4.411393806
YGL094C YGL094C::PAN2::Required for Pab1p-stimulated poly(A) ribonuclease
activity 1 1.270263084 1.074203494 1.295702358 1.049076104 1
1.197742381 1.295409694 1.119849197 0.88967195 1 1.164963812
1.150113261 0.660792223 1.18186467 1.023787622 1
1 1.121199687 1.023959167 1.018626821
1.030800654 1.063460567 1 1.11504465 0.88132685 0.894043269
0.782275616 0.623548402 1 0.815138481 0.76302823 0.781640717
0.834934172 0.631209691 0.682111082
YNL001W YNL001W::DOM34::an ORF of unknown function located in a centromeric
region duplicated between chromosomes III and XIV (DOM34 homologue on chromosome
III is a pseudogene) 1 0.852503566 0.978407106 1.06349259 1.182451132 1
0.890890431 0.850410275 1.110222919 1.110837133 1 0.894452289
0.904453394 0.746477431 1.125083098 1 0.953208797 0.540944703
0.577558232 0.908932412 1 1.38836367 1.054757025 1.240280003
1.177458905 1 0.918093908 0.989968673 0.641352455 0.658758741
0.95773512 1 0.97555939 1.665368052 1.053117956 1.24587762
1.955130639 1 1.222535555 1.41011837 1.232124641 1.694740702
1.193540605 1.366849055
YGL096W YGL096W::TOS8::Target of SBF 1 1.206841225 1.584522475
1.232507659 1.351518468 1 1.353276251 1.288833357 1.2085452
0.955834186 1 1.798637529 1.659728698 1.951095834 1.295546969 1
2.653940796 2.274020148 2.213047594 2.270849304 1 2.015209178
1.751535895 2.379440835 1.593688864 1.1469673 1.234257705
0.945665125 0.748496474 0.908071529 1 1.579011275 1.618866907
1.525538112 0.913382666 1 1.393752624 1.599099074 0.972677152
1.079908287 1.295522788 1.347585366
YNL003C YNL003C::PET8::Member of family of mitochondrial carrier proteins 1
1.307331601 1.329112622 1.022573904 1.120287917 1 1.204343652
1.20434723 1.414741261 1.222110471 1 1.454715743 1.473755066
1.565258784 1.113279585 1 1.868805255 1.465479516 1.533421478
1.316371035 1 1.34216038 1.55723598 1.586440217 1.193075244 1
1.24793662 1.483384723 1.494543547 1.349019387 1.134779417 1
0.992169117 0.938478287 1.201412364 1.083851865 0.726141838 1
0.9721381 0.805015473 0.918552534 0.530952679 0.989684922 0.865116491
YGL098W YGL098W::USE1::Protein required for cell viability 1
1.118226366 1.318740443 1.163867418 1.145100564 1 1.211400993
1.239046197 1.360195441 1.062382293 1 1.189046898 1.396852416
1.055182847 1.287786851 1.431441196 1.088780088 0.96616359 1
1 1.007477461 1.165105308 1.167151502
0.899732698 1.2955154 1 0.949373921 1.18886802 1.193649341
0.996706408 0.943283248 1 1.211687803 0.943417587 0.902770591
1.257376343 1.907109049
YNL017C YNL017C::molecular_function unknown
1.000740649 0.852352507 1.061308979
0.922308463 1.1106028 1.094946315 0.887943028
0.885618562
0.973138786 1 1.062245172 1.188035921 1.567196514 1
0.656292853 0.861186251 0.965813311
YGL100W "YGL100W::SEH1::Nuclear pore protein, homologous to sec13" 1
0.840896996 0.85851205 0.807683809 1.040582557 1 0.804594916
0.754939238 1.027855239 1.074000637 1 0.715703867 0.769589995
0.759182279 0.966030055 1 1.111752491 0.852390562 1.000131642
1.249639557 1 1.470303812 1.094548037 1.686466583 1.416938851 1

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1.154015843	1.29229956	0.904719363	0.884955928	0.879790073	1
0.921298974	0.968411664	0.913764859	0.966106819	0.804914427	1.132181817
YNL019C	YNL019C::YNL019C::molecular_function unknown				1 1.219300674
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1	1.568000671	1.432501335	1.073642623	0.786455047	
0.668137617		0.591396855			
	1	0.793960451		1	
	1.561055663	0.84847964			
YGL102C	YGL102C::YGL102C::molecular_function unknown				1 1.033189847
1.337291753	0.865975566	1.6734008	1	0.943475058	0.857242793
1.487698774	1.325930525	1	0.903424625	1.007825604	1.120439974
1.075779634	1	0.56539419	0.422422059	0.28949981	0.590278277 1
1.483632254	1.257672084	0.865016404	0.909729916	1	1.125663932
0.96541107	0.998274315	1.055726554	1.115091558	1	1.178696432
1.903846074	1.076717158	0.722054807	1.863606666	1	1.11571451
1.636130581	1.071469688	2.159580147	1.295436123	1.415883994	
YNL021W	YNL021W::HDA1::component of histone deacetylase A				1
0.972625711	0.913791729	1.272828259	0.840026651	1	1.213203645
1.402140944	0.896571726	0.891924908	1	0.973189428	1.026377837
0.606788201	0.96971496	1	0.946662818	0.863985643	0.933148774
0.580310943	1	0.974157053	0.728038516	0.893540322	1.07794461 1
0.865108503	0.957985608	0.948504117	1.020427054	0.935144406	1
0.936607754	0.694302407	0.798010352	0.951424933	0.480136449	1
0.99621573	0.934036968	1.116110358	0.630594537	0.872483034	0.704877326
YGL116W	YGL116W::CDC20::Required for onset of anaphase				1 0.677243717
0.746328763	0.913359607	0.805019023	1	0.82651592	0.824375486
0.875566867	0.855500504	1	0.716747746	0.711333609	0.560692766
0.67289964	1	0.938438174	0.538129493	0.709380336	0.66902675 1
1.308334563	1.751186097	1.289914457	2.020959813	1	0.807373212
0.77038549	0.859986778		1.030778471	1	0.960013844 0.903803639
0.628499707	0.908919194	1.034881829	1	0.628705186	0.666256324
0.826430154	0.905018597	0.717897878	0.977196433		
YNL023C	YNL023C::FAP1::FKBP12-associated protein				1 0.880333305
0.66885604	1.057748689	0.670801553	1	1.007852327	0.828317355
0.847712196	0.862579727	1	0.758136427	0.64193084	0.468533118
1.127736245	1			0.764857725	
1	0.892285158	0.756786021	0.990340894	1.093977171	0.884690983 1
0.9408845	0.64448787	0.673164572	0.676715777	0.682363527	1
0.800058283	0.743369481	0.747158651	0.818831315	0.508543467	0.971942653
YNL025C	"YNL025C::SSN8::Component of RNA polymerase II holoenzyme, involved in RNA pol II carboxy-terminal domain phosphorylation. Activity of the kinase (SSN3)/cyclin (SSN8) pair required, along with SSN6 & TUP1, for transcriptional repression of a-specific genes"				1 0.948402621 0.959512505 0.960750646
0.879275863	1	0.934811471	1.061867066	0.934601362	0.76372063 1
1.045979212	1.176476322	0.727871905	0.903794283	1	1.616381614
1.297738998	0.991291422		0.806767753	0.592656038	0.729348282 1
1.041185589	1.478846541	1.302353141	1.148856397	1.218043407	1
1.398741308	0.895057173	1.211139727	0.962395877	1.160692603	1
1.221037247	0.900682304	0.909451028	0.747704218	1.270655211	0.916778372
YNL027W	YNL027W::CRZ1::<u>c</u>alcineurin <u>r</u>esponsive <u>z</u>inc-finger				1 1.029889823 1
1.080279675	1.154320363	0.997904638	1.053012794	1	1.194967455
1.127677634	0.913121561	1.108643784	1	1.005589572	1.023257087
1.079113487	0.573815086	1	0.994855933	1.127842726	1.042746797
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1.085387785	1	1.274924689	1.205493949	1.151515153	0.871134024

0.77228942 1 1.258540564 1.251562713 1.206213963 1.078615418
 1.079640269 1.068261305
 YNL041C YNL041C::COG6::<u>C</u>onserved <u>O</u>ligomeric
 <u>G</u>olgi complex <u>6</u>
 Complexed with Cog8p; interacts
 with Cog2p 1 0.926752303 0.973177326 1.264716721 1.00246912 1
 1.144132407 1.132741728 1.03308585 0.774142172 1 1.076648082
 1.129290655 0.596486422 1.140904444 1 0.931510691 0.902123036
 0.715188572 1 1.206612057 1.004456989 0.695341128 0.950473034 1
 0.871826066 1.091156908 1.048678378 0.926551659 1.023932373 1
 1.040218631 0.797335057 1.109239414 1.050008743 0.741239272 1
 1.107315572 0.810715129 1.279068564 0.844328903 1.275319613
 YFR031CA YFR031CA::RPL2A::Homology to rat L8 and E. coli L2 1
 1.19406128 0.933561399 0.745684698 0.835260006 1 0.991353833
 0.916154985 1.030469207 1.087920675 1 0.944560761 0.788252499
 0.658728606 0.853048917 1 0.951745229 0.475479915 0.290305497
 0.652542919 1 1.190308956 0.416955599 0.288064248 0.644606948 1
 1.359287124 0.811983331 1.391049137 1.481647567 1.26564877 1
 1.099136535 0.880281111 0.664383694 0.497601279 0.521882587 1
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 1.196239189 0.99056461 1 0.932165383 0.952617647 1.211989493
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 1.08180612 0.983160917 0.84704982 0.883362641 0.949110272 1
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 0.931060003 0.965247177 1.211540273 1.191506386 1.006967579
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 1.25773788 0.849787884 1.65717178 1 0.812138292 0.858334273
 1.532167585 1.277462504 1 0.789659233 0.807445372 0.989718024
 0.998303356 1 0.69967528 0.358246377 0.312233532 0.536699159 1
 1.460631084 1.262340811 0.923563607 0.762028488 1 0.830106881
 0.667932111 0.592095309 0.685065935 0.843937355 1 1.058337889
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 1.272498311 0.797180797 1.595267139 0.607722368 0.953554524
 YMR230W YMR230W::RPS10B::Homology to rat S10 1 1.516452811
 1.838689893 1.005426139 1.994500462 1 1.216645304 1.021305428
 1.790158434 1.419696721 1 1.037921745 1.174683996 1.04539311
 1.108245076 1 0.765345305 0.309563415 0.174435681 0.424546316 1
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 0.337479252 0.358530736 0.784025409 1 0.762506532
 0.869736766 1.105801801 1 2.227512257 1.185156802 1.16696424
 1.16860732 1.456233393 1 0.994354 0.66330384 0.669796129

	0.922366475	0.793072451	1	0.901232269	0.563587993	0.955580477	
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YPR176C	YPR176C::BET2::Geranylgeranyltransferase Type II beta subunit						1
	1.223412728	0.952242491	0.866498031	0.752650186	1	0.958364033	
	0.968387781	1.011716736	0.943917256	1	1.230611581	1.033375132	
	1.172335731	0.957315261	1	1.556728291	0.978874773	1.139361395	
	1.076957763	1	1.627196202	0.96316053	0.917005506	1.107402604	
	1.035123733	1.157864473		1.054875897	0.929122727	1	0.986251878
	0.92570706	0.817772175	0.822252148	1.089726265	1	1.384965961	
	1.013050225	0.94114083	0.999236131	1.035278534	1.036738829		
YGL118C	YGL118C::YGL118C::molecular_function unknown						1
	1		1.784815555	1.748132184	1		
	1.676559989			0.368580141		0.143192545	
	1	1.000579487	0.829970615		1.112847235	1	
	0.944547174	1.439800668	0.974042898	0.761088256	1.570013675	1	
	1.110656427	1.394456984	0.994187925	1.508786826	1.151470705	0.969315762	
YGL120C	YGL120C::PRP43::Pre-mRNA processing factor involved in disassembly of spliceosomes after the release of mature mRNA						1
	0.694465975	1.021931127	0.683453456	1	0.849902097	0.818278773	
	0.713351299	0.739396814	1	0.562981939	0.397241367	0.234244766	
	0.957907089	1	0.327319818		0.190270106	0.203543033	1
	0.48372451	0.215969939		0.622193644	1	0.861799489	0.642196998
	0.825882573	1.104171003	0.802585122	1	0.907119389	0.509125038	
	0.479553031	0.774686212	0.584797395	1	0.639491636	0.460993916	
	0.726508509	0.711884546	0.359555814	0.671603625			
YGL122C	YGL122C::NAB2::nuclear polyadenylated RNA binding protein						1
	1.040846177	0.967504651	1.114583241	0.935405372	1	1.145308347	
	1.345041318	0.877230489	1.074951084	1	1.090679124	1.091321745	
	0.761294595	1.013203666	1	0.890673848	1.00238231	0.688493195	
	0.660559344	1	0.851255522	1.016672508	1.043018195	0.854922487	1
	0.927934922	0.815335549	0.845001177	0.975527927	1.036111723	1	
	0.816457234	0.860940762	0.641397122	0.651062371	0.701949019	1	
	0.85102967	0.758706009	0.818353804	0.845324468	0.647296644	1.091027549	
YGL124C	YGL124C::MON1::Product of gene unknown						1
	1.062501618	0.990064056	0.87686658	1	0.961451452	0.913186433	
	1.074409296	0.88922633	1	0.952909799	1.01443928	0.962823523	
	0.999155589	1	0.868960629		0.946904769	1	1.520580527
	1.711552742	2.16236711	1.505220277	1	0.920298201	1.00895822	
	1.032979384	0.923894511	1.005957427	1	1.1506673	1.334805496	
	1.18095568		1	1.055402044	1.278566282	0.853853675	
	0.891807775	0.886652003	1.04024128				
YNL043C	YNL043C::YNL043C::molecular_function unknown						1
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	1.453988582	1.467913926	1	1.112358316	1.110298638	1.531389234	
	0.983595956	1	1.089208266	0.776765199	0.892021515	1.10077484	1
	1.473854171	2.498783873	1.377578579	0.998625525	1	1.014970177	
	0.822265334	0.5722825	0.838784245	0.809787995	1	0.752540161	
	0.974252984	0.553454829	0.459242546	1.003077809	1	0.875525849	
	1.093196523	0.796785878	1.566787306	1.214438139	1.526212659		
YGL126W	YGL126W::SCS3::Required for inositol prototrophy						
	1.021968189	0.939524836	0.951542258	0.869324483		1.070283556	
	1.088496558	0.861236968	0.80536687		0.988618231	1.010119717	
	1.091440662	0.710746025		0.878405624	0.860724813		
	0.911542752	0.70335976		1	1.067274053	1.097570645	
	1.16027213	1.331751087	1.179819271	1	0.790665722	0.722711332	
	0.713313009	1.01205088	0.635359758	1	0.887162333	0.76569891	
	0.82566095	0.770790765	0.881370285	0.743404756			

YNL045W YNL045W::YNL045W::not yet annotated 1 0.996205706 0.932043076
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 0.658653744 1 1.216022008 1.193796812 0.926331781 0.692113761 1
 2.093123325 1.723985766 2.186080014 0.875556885 1 1.206602087
 0.937176707 0.948049902 0.992876837 1 0.888523386 1.05534813
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 0.630091718 0.626589895 0.686177758 0.449473636 0.590145952 0.842350299
 YGL140C YGL140C::YGL140C::not yet annotated

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 1.206053337 0.738038268 1.157648401 1.412381543
 YGL142C "YGL142C::GPI10::Involved in glycosyl phosphatidyl inositol
 synthesis; could be the target of the GPI synthesis inhibitor, YW3548; Most
 likely an alpha 1,2 mannosyltransferase utilized for the addition of the third
 mannose onto the GPI core structure." 1 1.152908378 0.937664744
 1.101519102 0.745722292 1 1.208268146 1.299210814 0.811971047
 0.749752686 1 1.313594608 1.010303569 0.817134362 0.758306125 1
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 1.005622987 1.063728536 0.898100993 1 0.870372121 0.846392771
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 0.952306789 0.902066504 0.982250663 0.972818213
 YNL049C YNL049C::SFB2::binds to Sed5p and Sec23p by distinct domains 1
 1.119521547 0.914823159 1.374295796 0.806948031 1 1.047501375
 0.751727898 0.825103086 1 1.206194135 1.05377322 1.8259698 1
 0.703752267 0.486593372 1 0.650408198
 0.621709921 1 0.881111895 0.729898601 0.926768194 0.958651046
 0.824223657 1 0.937641926 0.718022531 0.926108272 0.865654494
 0.690852664 1 0.701232567 0.75186961 0.981171354 0.790131962
 0.796013454 0.618190518
 YGL144C YGL144C::YGL144C::molecular_function unknown 1 0.961371718
 1.444199112 1.04072121 1 1.070096217 1.192274977 1.086474788
 1.147850146 1 0.815738459 0.902866881 0.84302094 1.220596845
 0.702690576 0.824143967 0.402239585 1
 1.021174755 1.038032612 1.288330523 1.108924398 1
 1.004633337 0.68499215 1 0.943866585
 0.766256311 1.451603405 1.209236781
 YNL051W YNL051W::COG5::<u>C</u>onserved <u>O</u>ligomeric
 <u>G</u>olgi complex <u>5</u>
 Complexed with Cog8p 1
 0.883990334 1.126936915 0.947645349 1.060838984 1 0.764643646

1.029993726	1.005940794	1.060796048	1	0.97550376	1.10251855		
1.451356632	1.012938695	1	1.134830193	0.769676055	1.121981622	1	
1.707067824	1.247774067		1	0.925077231	1.126804673		
0.892759385	0.868219646	1.060922064	1	0.810331035	1.097912861		
1.208821833	0.928681611	0.92921622	1	0.916886828	0.968322183		
1.101684695	0.615059454	1.090893627	0.887007122				
YGL146C	YGL146C::YGL146C::molecular_function unknown						
1.430108783		1.07633719	1.15769465				
1.300876923	1.377147582		1.641764598	0.696175592			
0.650923151	0.841682972	1	1.929530539	1.524713117	1.14735091	1	
1.318346908	1.430996171	1.751376625	1.04251369	1.261068643			
0.671640514	0.821492565	1.107790148	0.890455464	1	0.966712594		
0.843262437	0.653615803	0.928845197	1.903606598				
YNL065W	"YNL065W::AQR1::A(acids, azoles) Q(quinidine, quinine) Resistance"						
1	0.736940029	0.58314345	0.941044354	0.847782413	1	0.836461644	
0.921975935	0.769519641	1	0.554106149	0.307931085	0.272852653		
0.784865787	1	0.309162059	0.235445524	0.242503806	0.253846377	1	
	0.5917672	1	0.581030095	0.61484362	0.649196593		
1.126333841	0.847355073	1	1.090717296	1.191733956	0.861846565		
1.772979973	1.191913439	1	1.230556631	1.310809348	0.776544919		
1.143137793	0.886131457						
YGL148W	YGL148W::ARO2::Chorismate synthase 1 0.904763 0.770664346						
0.754239509	0.644720188	1	0.78416326	0.764833762	0.776386344		
0.798892661	1	0.902544201	0.912390915	0.432731445	0.685962152	1	
1.577957267	0.871380324	0.568886362	0.670209326	1	1.357087528		
0.651325464	0.45940439	0.835509712	1	1.025359714	0.866912617		
1.254850664	1.186981657	0.891816929	1	1.036607211	1.011559099		
0.865345808	0.580222883	0.439881642	1	1.085360203	0.820617812		
0.941942077	0.769777716	0.456729691	1.070888195				
YNL067W	YNL067W::RPL9B::Homology to rat L9 1 1.383504489 1.178438758						
1.001342782	1.75105846	1	1.11041515	0.893981473	1.418794909		
1.265771812	1	0.903118627	0.827870718	0.624250192	1.020100493	1	
0.599951379	0.323256599	0.179988517	0.567682652	1	1.449568064		
0.901716058	0.466136211	1.039947052	1	1.035801219	0.975075907		
0.751219013	1.039811168	0.944987119	1	1.052197646	1.529816554		
0.694778651	0.55226829	1.394355319	1	2.027037683	3.00682989		
1.378907318	3.649737565	2.228315309	1.514829537				
YNL069C	YNL069C::RPL16B::Homology to rat ribosomal protein L13a 1						
1.921021863	1.500712649	0.90664584	1.822475205	1	1.285615581		
1.083880806	1.248796965	1.218094466	1	1.335091473	1.007312438		
0.964782742	0.849220905	1	0.808263	0.365363866	0.249656979		
0.291741221	1	1.037462502	0.609447783	0.413688429	0.721001266	1	
1.345500272	1.058862556	1.047044562	1.56802825	1.059880453	1		
1.041116142	1.277208395	0.715543009	0.611448755	1.01073326	1		
1.424212099	1.494213894	1.011666522	1.855450068	1.123515874	1.175087415		
YNL071W	YNL071W::LAT1::Dihydrolipoamide acetyltransferase component (E2) of pyruvate dehydrogenase complex 1 1.35026419 1.090553889 1.398893469						
0.834155065	1	1.447711991	1.532507286	1.060765911	1.116344699	1	
1.115741297	1.357327023	1.212294533	1.062246346	1	1.340235283		
1.431637437	1.858572947	1.386178297	1	0.681500182	0.67419316		
0.564312656	1.212388163	1	1.131366652	1.023099683	1.622854229		
1.226555357	0.848479889	1	1.187998565	1.190602095	1.042685027		
1.184863317	0.832578327	1	0.879792436	1.181966479	1.303667907		
0.874643663	1.084552029	0.867743381					
YNL073W	YNL073W::MSK1::mitochondrial lysine-tRNA synthetase 1						
1.200344423	1.303058587	1.702580538	1.330635866	1	1.535105874		
1.769535652	1.301438796	1.321014447	1	1.145151809	1.266335079		

	1.294075655	1.23407108	1	1.935978858	1.611472009	1.21476176	1
	1.640967228	1.254415727		0.434794189	1	1.07536677	1.207029009
	1.086960145	1.056938726	0.955292083	1	1.139287047	0.81242356	
	0.741390652	0.578557323	0.684590191	1	1.646439905	1.238474722	
	1.056260758	1.130508274	1.631351929	0.714509171			
YPR178W	YPR178W::PRP4::Specific component of the U4/U6 and U4/U6-U5 snRNPs which associates transiently with the spliceosome before the first step of splicing.						
	1	0.977134949	1.094599536	1.148474326	1.291302397	1	
	1.083867276	1.121048962	1.277830834	1.279331109	1	1.033682398	
	1.273954266	1.182573837	1.265925538	1	1.046868692	1.207043101	
	1	1.358456968	1.745786865	1.372301403	1.087031415	1	0.98974155
	1.315363821	1.024145624	0.982816943	1.019651069	1	1.119629615	
	0.880297067	1.004494321	1.08651788	1.779178941	1	0.964322502	
	0.849927225	0.954411895	1.127867375	1.034111939			
YGL150C	YGL150C::INO80::Shows similarity to the Snf2p family of DNA-dependent ATPases						
	1	0.589452369	0.646479463	0.773476036	0.540762125	1	
	0.752464326	0.824521531	0.628300618	0.544721922	1	0.784815395	
	0.744258451	0.463429823	0.701063902	1	0.948320911	0.792323234	
	0.697686688	1	1.294495103	1.31959612	1.227737166	1.281337064	1
	0.959263318	0.983595401	1.091029962	0.916466926	0.954578071	1	
	0.931285383	0.800434533	0.867647666	1.075413473	0.694882776	1	
	0.982198387	0.929579544	1.137988036	0.826347524	0.829738626	0.717136061	
YGL164C	YGL164C::YGL164C::molecular_function unknown						
	1	1.313380734					
	1.093271875	1.17401547	1.020335628	1	1.314790548	1.20690419	
	0.962079658	1.128963531	1	1.419133522	1.139880389	1	
	1.434117033	1.400215847	1.351702072	1.155907522	1	0.753928021	
	0.854463855	0.717853178	0.816395709	1.078017874	0.894899244		
	0.67650852	1	1.044356655	0.862229263	0.714329344	1	
	0.788794402	1.091702856	0.911134836	0.691491518	0.784431399		
YGL166W	YGL166W::CUP2::Upregulates metallothionein (CUP1) expression in response to Cu ²⁺						
	1	1.074920132	1.187598533	1.092280736	1.097848126	1	
	0.973705787	0.938852251	1.373833352	1	1.138823313	1.457832077	
	1.479402407	1.672225823	1	1.61823538	1.037404693	1.310930601	
	1.691683266	1	2.441336693	1.971635058	1.728334667	1.841833097	1
	1.517116815	1.503150348	1.511701405	1.262083695	1.15135164	1	
	1.224710187	1.27979609	1.523115525	1.218028702	1.148344805	1	
	1.730096504	1.436346349	1.391125298	0.55125548	1.111632717	1.125176811	
YGL168W	YGL168W::HUR1::required for hydroxyurea resistance						
	1						
	1.449626211	1.521943848	0.929500879	1.525072732	1	0.935834199	
	0.846083616	1.651280844	1.570442595	1	1.20842672	1.252289428	
	2.492832218	1.218785214	1	1.241533807	0.787897146	1.124605456	
	1.419295441	1	1.121839521	2.601582216	1.976674478	0.710015157	1
	1.073144899	0.798487311	0.704670532	0.802284691	0.755016957	1	
	1.151843378	1.896052376	1.434205022	1.151527327	1.94640831	1	
	1.126604438	2.195046033	1.305235932	1.944965055	1.363419011	1.274908518	
YNL075W	YNL075W::IMP4::part of small (ribosomal) subunit (SSU) processosome (contains U3 snoRNA); Interacts With Mpp10. Imp4p is a specific component of the U3 snoRNP and is required for pre-18S rRNA processing.						
	1	1.01581176					
	0.947496596	0.998504385	1.018127723	0.854773932	0.743604599		
	1.045409187	1.175835675	0.713734153	0.626168472	0.837861831		
	0.968220143	1	0.549280283	0.550491609	0.448204284		
	1	0.75137628	0.656862752	0.820553498	1.037913744		
	0.902805107	1	0.824473294	0.663933424	0.491852842	1.078857963	
	1.432394318	1	0.812120117	0.711775705	0.941441643	1.112379805	
	0.602180246	1.120798695					
YGL170C	YGL170C::SPO74::Sporulation						
	1						
	1.515101094	1	0.962212828	0.97370646	1.267549196	1.579870524	1

1.320952142
 1 0.866528345 0.604859945 0.851514127 0.942244555 1.115547285 1
 0.894755738 0.869751081 1 0.521102303 0.846021974
 1.047057479
 YNL089C YNL089C::YNL089C::molecular_function unknown 1 1.359757513
 1.389692677 1.176158033 1.382473304 1 1.191648842 1.296378176
 1.551019827 1.489740931 1 0.981926404 1.112593835 1.282426735
 1.247359624 1 1.294085492 0.870607183 0.678764115 2.077779574 1
 1.703966958 1.692465631 1.10669998 1.326012764 1 0.829788045
 0.987337691 0.958199357 0.8820932 0.915614067 1 0.953410111
 1.025726581 0.88943512 1.033103975 1.132261559 1 1.215138287
 1.011547049 1.024438949 1.202456173 1.007460034 1.09453
 YGL172W YGL172W::NUP49::localizes to discrete spots in the nuclear envelope
 1.00842406 1.046573776 0.935888216 0.704857708 0.934682034
 0.874312076 0.822713233 0.992235153 0.976272768 1.454864676
 1.209051429 1 0.958361979 0.918109777 0.711538704 0.876727302 1
 0.995134605 0.630408302 0.791415349 0.864834074 1 0.923417142
 0.979664758 0.93572023 0.822013056 0.88180443 1 1.064532433
 1.125446891 0.983848517 0.726309864 1.008592155 1 1.089810088
 1.048180771 0.969087215 0.800263904 0.947168648 1.008718805
 YNL091W YNL091W::NST1::<u>N</u>egative affector of <u>S</u>alt
 <u>T</u>olerance 1 1.034496939 0.978669237 1.227331133 1.023709883 1
 1.257857349 1.225483057 0.975559798 1.013015154 1 1.041533309
 1.133529083 0.894705059 1.237100129 1 0.765974336 1.979827731
 1.624998209 1.193576356 0.827722766 0.922530662 0.769329158
 0.559873994 1 0.978133783 0.931825365 0.885533123 0.939655923
 0.905404582 1 0.958167603 0.729806795 0.73933382 1.064700972
 0.92638599 1 1.074448063 0.925456853 1.226109819 0.887596936
 1.213093041 0.821335332
 YGL174W YGL174W::BUD13 1 0.937545912 1.220651862 1.026202942
 1.302561576 1 0.939594067 0.907998947 1.269677744 1.337815531 1
 0.947843275 0.954088004 0.667669538 1.370855742 1 0.710905848
 0.790294859 0.733087545 1 1.153441541 1.563733015 1.557185867
 1.45877432 1 0.891900267 0.983421516 0.754081544 0.939451141 1
 1.150964304 1.267683657 1.336023789 1.35152568 2.170742231 1
 1.040768965 1.021270571 1.501034446 0.954430189
 YNL093W YNL093W::YPT53::Involved in vacuolar protein sorting and endocytosis
 1.048820974 1.051151593
 1.226635752 0.852381845 1.538970734 0.402069322
 0.994341163 0.78871387
 0.904594842 0.736791422 1 1
 1.187434399 0.223005048
 YGL188C YGL188C::YGL188C::molecular_function unknown 1 1.657244493
 1.902834044 1.924785535 1 1.401912318 1.137758805
 1.796414031 1 0.898856438 0.900235848 2.536566602 1.997490154 1
 1.197357424 1.097186454 1.736943869 1 2.1517247 2.667126862
 2.572592244 1.733495648 1 0.417688393 0.211762567 0.181837607
 0.378682283 0.58811219 1 0.50308633 0.191986521 0.153017514
 0.275904138 1.311687019 1 0.789063398 0.340549322 0.654684678
 1.969192895 2.684010793 1.91498972
 YNL095C YNL095C::YNL095C::molecular_function unknown 1 1.274747543
 0.842925251 1.105621335 0.854666987 1 1.166145596 1.019371318
 0.885160721 0.974709284 1 1.049117797 0.742747783 0.591045075
 1.022834259 1 0.85410625 0.520953588 0.692671082 1
 1.140091112 1 0.994993169 0.707194254 0.970578478
 1.287588566 0.901899157 1 0.89940012 0.641176382 0.565829232

0.892643211 0.599881625 1 0.628492886 0.540243526 0.767395047
 0.557753676 0.481351775 0.746031646
 YGL190C YGL190C::CDC55::Involved in cellular morphogenesis 1
 1.136091851 0.983938452 1.316053126 0.954350405 1 1.18422863
 1.178194597 0.935861739 1 0.940774809 0.97249265 0.801362592
 1.198016206 1 1.329728001 1.105742396 0.792452117
 0.696171854 0.857771741 0.94145804 1 0.877381002 0.940137677
 1.070172503 0.981970742 1.019751241 1 0.929047152 0.788121933
 1.03200586 0.766815576 0.956497243 1 0.989876283 0.907733337
 1.076801659 0.942507705 1.407897673 0.943047067
 YNL097C YNL097C::PHO23::Involved in expression of PHO5 1 0.805911171
 1.138850758 1.041140605 1.011729581 1 0.931072949 1.061688529
 1.118277717 1.197634057 1 1.000446838 1.020238687 1.170967637
 1.099038567 1 1.101162242 0.979490773 1.078358657 0.994918249 1
 0.990956113 1.084622712 1.37966515 1.101129731 1 0.861241824
 0.981402743 0.880624585 0.737243634 0.98725993 1 1.201837085
 1.332575145 1.334240472 1.580720991 1.632041532 1 0.974460932
 1.190507188 0.721216257 0.854609034
 YGL192W YGL192W::IME4::IME4 appears to activate IME1 in response to cell-
 type and nutritional signals and thereby regulate meiosis 1 1.242199879
 0.715941914 1.170880471 0.778228123 1 1.188660189 1.091700364
 0.652271438 0.733800656 1 1.309793685 0.902087514 1.105786063
 0.801106633 1 1.245538295 0.289160121 1.152978329 0.629327511 1
 1.338541176 1.654371889 1 0.932865566 0.737503807
 0.721499485 1.110654733 0.794761369 1 1.225797522 0.858417411
 1.25237499 0.998150536 1.153832724 1 0.793479904 0.826181934
 1.126288658 0.443912598 1.528869919 0.654966775
 YNL099C YNL099C::OCA1::Oxidant-induced Cell-cycle Arrest 1 1
 1.242337475 1.331667249 1.146112456 1.711236425 1 1.11804161
 1.218329706 1.281979906 1.336248674 1 1.029553612 1.050247422
 1.194670159 1.201029924 1 1.106936965 0.705390275 1.02181553 1
 0.940979076 0.6687251 0.945472289 1 0.934417594 0.840864503
 0.617013981 0.707381692 0.855224026 1 0.892687901 1.08783101
 0.867511454 1.690773415 1 1.058645075 0.974424391 0.923833605
 1.18586104 1.463794292 1.010470134
 YNL113W YNL113W::RPC19::subunit common to RNA polymerases I (A) and III (C)
 1 0.726916971 0.949979428 0.706079537 1.421112225 1 0.598288508
 0.624854835 1.128788502 1.149312344 1 0.515808701 0.409051742
 0.509775019 0.991323739 1 0.316122597 0.199203601 0.221206964
 1.043009825 1 0.423879345 1.126089816 1 0.759350806
 0.547076536 0.383344443 0.707960626 0.850193346 1 0.69553727
 1.071106982 0.548991334 1.060076416 2.243614815 1 0.693413967
 0.784224314 1.028106318 2.011757028 0.759748798 0.827464674
 YNL115C YNL115C::YNL115C::molecular_function unknown 1 0.728964784
 0.851959731 1.081203679 0.77590809 1 0.916312822 1.071669681
 0.916136038 0.944211587 1 0.936634012 1.211831731 1.422381646
 1.248819359 1 1.07446394 1.29547831 1.488068801 1.547853337 1
 1.691653683 1.067089637 1.543717005 1.445322942 1 0.938423271
 1.353836916 1.650555987 1.146755654 1.115603205 1 1.068487474
 1.082432154 1.779625496 1.347607994 0.675848748 1 1.342386757
 1.32592044 1.633192921 0.938853786 1.33917575 0.782807851
 YNL117W YNL117W::MLS1::carbon-catabolite sensitive malate synthase
 1.021968189 1.096681733 1.067627307
 1.071806846 1.570552683 1.254084927 1 0.582869221 0.686048267
 0.859022504 0.789232961 1 1.054525192
 0.865176938 0.956778749 1.292416761 1.122410835 1 0.77195844

0.792054232 1.198488153 1 0.669308277 0.850181771
 0.533690032
 YGL194C "YGL194C::HOS2::Protein with similarity to Hda1p, Rpd3p, Hos1p, and
 Hos3p" 1 1.049592251 0.98494019 0.883237876 1 1.072244761
 1.180056111 0.843659497 1.14099274 1 1.028973284 1.102364031
 1.200926392 1.103562288 1 1.111755926
 1.379808874 1 0.807123149 0.933849878 0.94246698
 0.981383649 1 1.242378322 0.503301438 1.155160789 1.565606662
 0.500350247 1 0.767905497 0.499640291 0.827683413 0.227919392
 0.635154516 0.718887286
 YGL196W YGL196W::YGL196W::molecular_function unknown 1 1.165647769
 1.133919411 0.914192153 1.041458101 1 0.954488456
 1.09447976 1 1.105332665 1.496938836 1.565819661 1.153818747 1
 1.911336196 1.866412731 2.325615973 1.988912377 1 1.366992862
 1.327737778 2.21886524 1.214617149 1 1.383715433 1.536909441
 1.396639731 1.102447826 1.114921474 1 0.933395899 1.358552637
 1.060782366 0.692413235 1.17594922 1 1.03505032 1.774067442
 1.162990862 0.865549337 2.015806238 1.418510884
 YGL198W YGL198W::YGL198W::molecular_function unknown 1.26330049
 0.955468287 0.655233584 0.544306758 0.940214999
 0.711200925 1.273147385 1.33801199 1.444347508 0.715640965 1
 1.237692705 0.937780473 1.214948922 1.134347318 1 1.507273107
 0.922377994 1.201758186 1.144839794 1 1.13796013 1.074129065
 1.270562301 1.166019806 0.853826073 1 0.932898894 1.206155803
 1.243588003 0.84901404 0.964772751 1 1.382287488 1.431861722
 1.262808196 0.919297149 1.128638414 1.080519988
 YGL212W YGL212W::VAM7::Regulator of vacuolar morphogenesis 1
 0.876958637 0.911545243 1.049096309 0.677822338 1 1.018493847
 1.019653893 0.795043143 1 1.038133222 1.133503929 0.566882694
 1.418275039 1 1.540005348 0.829620608 0.746299257
 0.776499384 1 1.170815047 1.235773949 1.219188595
 1.161967654 1 0.962624071 0.576456493 1.375575393
 0.889665041 1 0.949363262 1.355275949 0.198626784 0.969677474
 0.654966775
 YNL119W YNL119W::YNL119W::molecular_function unknown 1 1.265464091
 1.25616051 0.860057056 1.343659504 1 1.002600706 0.952708822
 1.267793572 1.230159618 1 0.887888005 0.848196496 0.89246444
 0.976255824 1 0.912619963 0.351849145 0.297048119 0.759415751 1
 1.023308157 0.803386353 0.385773047 0.506075716 1 1.579331766
 1.177880532 1.305582899 1.563766126 1.458308648 1 1.029355053
 1.170837672 0.700348754 0.607985243 1.125103283 1 1.193137381
 1.526729821 1.049395372 1.684132653 1.087958337 1.182092421
 YGL214W YGL214W::YGL214W::molecular_function unknown 0.843776699
 0.789200895 0.935894335
 0.841531153 0.818434829
 1 1.088660825 0.981214124 0.946492696 0.962153426
 0.952633626 1 1.324017916 1.08013491 0.688814722 0.878529447 1
 1.005148 1.20934945 0.904606129 0.90420514 0.752396877 1.434272122
 YNL121C YNL121C::TOM70::Translocase of Outer Mitochondrial membrane 1
 1.135779547 1.149481551 1.306818462 1.15952293 1 1.239606444
 1.279741049 1.105423651 0.949938589 1 1.091735473 1.117426404
 0.667353234 1.033072124 1 1.089971226 1.240527729 1.074207412
 0.923608146 1 0.420566784 1 1.060860708
 1.255139964 1.087105398 1.101641092 1.074310673 1 1.25984633
 1.151309927 0.796349188 0.663002129 0.737035579 1 1.159008507
 1.317027678 1.092594931 1.43329362 1.248337936 1.14969428

YGL216W YGL216W::KIP3::Kinesin-related protein 1 1.259437103
1.233627682 1.420844385 1.106042737 1 1.093091523 1.161899992
1.10834934 1 1.00718549 1.141782529 0.929173843 1.340088135 1
0.473575771 1 1.176353487 1
0.982371213 0.94758811 1.055409951 0.92872268 1.27111467 1
0.88165206 0.894917401 0.892122011 0.879930862 1 0.682817876
1.143541865 1.122138636 1.142082802 0.825713448
YNL123W YNL123W::YNL123W::molecular_function unknown 1 0.931872527
0.888007252 1.025750578 0.881235237 1 1.015480983 0.986927538
0.940922044 0.986442823 1 0.843330591 0.796178125 0.785817369
0.915733563 1 0.878682115 0.43555475 0.584915039 0.871685087 1
1.076828392 1.471604175 0.88376402 0.714530239 1 0.922538533
0.784425136 0.862708258 0.99347316 0.698784608 1.300896038
0.918854624 0.693601539 0.996682007 0.89065081 1 1.141057305
1.145168537 1.134524356 0.958670822 0.9315214 0.80995221
YGL218W YGL218W::YGL218W::molecular_function unknown 1 0.915337391
0.940931038 0.999849161 0.937776528 1 1.015775108 1.208473259
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1.149347808 0.867759978 1 1.091567012 1.110334747 1.258915571
0.529132833 1.315225138 0.756539156
YNL137C YNL137C::NAM9::putative mitochondrial S4 ribosomal protein 1
0.777604137 1.02585268 1.079530121 1.01366208 1 0.963014137
1.216110838 1.12782693 1.143557221 1 0.85964747 0.875036374
0.922233036 0.89575217 1 1.069511094 0.744834564 1.085640402
1.123254825 1 1.228231407 1.177017662 1.054303734 0.650653223 1
0.963727238 1.108359287 1.011362303 0.947957571 0.964988338 1
1.141078445 0.903544527 0.791461109 0.645531164 0.775186229 1
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YGL220W YGL220W::YGL220W::molecular_function unknown 1 1.12962676
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1.501192988 1 0.827442132 0.82640648 1.254159799 1
1.560501429 2.196637839 1.824724606 1.71921918 1 1.176677647
1.463094695 0.941241987 0.99046366 1.177719417 1 0.920591201
1.561083279 1.230676729 0.952181173 1.711079657 1 1.007081829
1.203448804 0.86020339 1.290321896 1.144313384 1.114669354
YNL139C YNL139C::RLR1::Required for LacZ RNA expression from certain
plasmids; suppressor of the Transcriptional (T) defect of Hpr1 (H) by
Overexpression (O); plays a role in transcription elongation by RNA polymerase
II 1.057675566 0.971411737 1.282513412 0.782196255 1.43350197
1.268631179 0.879786687 1.029609695 1.014350594 0.496640564
0.982904906 1 0.997012792 0.678629624 1 0.620217295
0.708125717 0.377203029 1 0.900372338 0.876191053 1.107301606
0.97304123 0.836373308 1.218299493 0.832445803 0.713324812
1.072426161 0.771982444 1 1.126453836 0.905616691 1.190556164
0.808561361 0.92864337 0.873872775
YGL222C YGL222C::EDC1::Enhancer of mRNA Decapping 1 0.979281932
1.419227882 1.155386226 1.342634489 1 1.43899678 1.481956697
1.246151026 1 1.300147567 1.432088626 1.56460849 1.292388724 1
1.068006072 0.516589543 1.054625598 0.796476702 1 0.559955373
1.061578618 0.721490546 0.603613895 1 0.921205783 1.068972218
0.948796199 0.781713326 0.891535913 1 1.381208274 0.693462479
1.201213976 2.569244864 0.974303882 1 0.555962075 0.480588633
1.136885783 0.379523149 1.566831594 0.654966775

YNL141W YNL141W::AAH1::adenine aminohydrolase (adenine deaminase) 1
 1.478595434 0.725656713 0.679435051 0.883549368 1 0.705731659
 0.600985015 0.969054319 1.332031018 1 0.614087333 0.235565488
 0.266678792 0.831751186 1 0.380258326 0.20310824 0.197959582
 0.32643686 1 0.119890409 0.226020058 0.117320356 0.37514034 1
 0.948237866 0.46616774 0.594391815 1.307358113 0.761173572 1
 0.708107838 0.344895239 0.22141635 0.711108257 0.910626094 1
 0.554773218 0.39263947 0.563462104 1.019951922 0.232855715 0.759165994
 YGL236C YGL236C::MTO1::Mitochondrial Translation Optimization; Strong
 similarity to E. coli GidA 1 1.00562964 0.808264518 1.197495979
 0.764294613 1 1.151721042 1.047177453 0.967058906 1.025075471 1
 0.983399218 1.12151692 1 0.853171169
 0.796290246 0.796869201 1 1.079742695 0.917948541
 0.953092266 1.161252989 0.918425827 1 0.834101464 0.788955193
 0.799232161 0.783115604 0.741617359 1 0.808099986 0.763301858
 0.826907699 0.600405156 1.141159981 0.703126049
 YNL143C YNL143C::YNL143C::molecular_function unknown 1.035512392
 1.167288423 0.807301415 1.232521916 0.839034527 0.726030517
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 0.803749949 1 1.389088299 1.259632014 1.563414499 1.532699462 1
 1.579859489 2.807208477 1.815020946 1.2197797 1 0.522423192
 0.542918125 0.399935008 0.496287806 0.648396284 1 0.866603706
 1.451735273 0.622648257 0.862874578 1.700116307 1 1.003291171
 1.308759338 1.127703666 1.881433854 1.677253704 1.446530805
 YNL145W YNL145W::MFA2::mating a-factor pheromone precursor 1
 1.775787664 2.095358695 1.722711468 1 1.80925046 1.749518343
 2.02091281 1.956792991 1 1.62007509 1.854242283 2.499793722
 1.755919841 1 0.79208524 0.595582928 0.713277404 0.860872475 1
 0.915345434 1.425052325 1.246518132 1.642824243 1.006592235
 0.971023007 0.914345001 1.251695513 1.059257298 1 1.131647972
 1.109750117 1.056200138 1.609003384 1.317274836 1 0.935517729
 0.747451013 0.907861404 0.84414482 1.042139211 0.965813311
 YNL147W YNL147W::LSM7::Like Sm-G protein 1 0.83175798 1.610076691
 0.932335465 1.859690366 1 0.862481087 0.88587691 1.70330606
 1.36284962 1 1.011864519 1.480980478 1.787686488 0.965936511 1
 1.558352363 1.139071928 0.996158797 1.517337642 1 2.023213337
 2.420636281 2.288637669 1 0.662183091 0.788075274 0.383735416
 0.41479032 0.863511848 1 1.272827226 2.133854079 1.35534225
 1.506960373 2.787838633 1 1.70058925 2.327815118 1.802218167
 3.049802651 2.376922858 1.282789189
 YNL161W YNL161W::CBK1::cell wall biosynthesis kinase 1 1.109353507
 1.274972463 1.347400369 1.104242639 1 1.324943379 1.325123172
 1.253178088 0.934033331 1 1.488299567 1.516159209 0.887467011
 1.259273819 1 1.043255203 0.716075614 0.924037663 0.660105377 1
 0.669368009 0.816545237 0.905589709 0.715086849 1 0.928300809
 0.986206897 0.806982261 0.68816011 1.014059743 1 1.023795059
 0.813627212 0.776083616 0.814021893 0.608473615 1 1.068970454
 0.947378236 1.014588135 0.837053705 0.925000147 0.836220905
 YGL238W YGL238W::CSE1::Protein required for accurate mitotic chromosome
 segregation 1 1.301927318 1.046534145 1.565704787 0.853252785 1
 1.529812385 0.946663328 0.834268403 1 1.273297179 1.171154131
 1.105927411 1.6662573 2.112725302 1.67410973 1.310659959
 1 1.114248833 0.961331238 0.908719362
 1.198594924 1.08511565 1 0.890406397 0.560813192 0.620309959
 0.605017543 0.526999688 1 1.086815632 0.920800119 0.970808408
 0.836689615 1.139570119 0.911524592

YGL240W YGL240W::DOC1::Doc1p and Cdc26p are associated with the anaphase-promoting complex and are involved in the degradation of Clb2p 1
1.237742205 1.307492026 1.221872963 1.370937704 1 1.227983861
1.27661816 1.417196898 1.218410518 1 1.654214514 1.35596563
1.12054521 1.320562461 0.751087795 0.899320068 0.575609738
0.833431203 1 1.221393096 2.051917086 1.572542795 1
0.867043338 0.580984502 0.945910614 0.863776397 1 1.347278969
0.808931324 1.1352436 0.967733246 1.012374301 1 0.864706669
0.653600911 0.728237076 0.440647367 1.018873091 0.943922628

YDR269C YDR269C::YDR269C::molecular_function unknown 0.885295331
1.319412221 2.079715229
2.023412608 1.313803245 1 0.700230265 0.611764196
0.544940061 1 1.713497852 1.011993683 1 1.262198128
1.124633167 1.313940876 0.839750484 1.073570115 1 3.075003256
1.590812434 1.574231491 1.792948451 1 1.456155418
1.312840095 0.119040156 1.238306602 0.626946802

YGL242C YGL242C::YGL242C::molecular_function unknown 1 0.904129776
1.426253054 1.591747163 1 0.941693855 0.906301489
1.443970723 1 1.050319575 1.395043475 1.888061713 1.069535621 1
1.25685377 0.830240427 1.600357492 1 2.236693269 2.576778982
2.908452527 1.964821999 1 0.940573991 1.221960821 1.004529933
0.68342072 1.058962738 1 1.160897459 2.042390605 2.059147374
1.512250444 1.729498041 1 1.414437114 1.679480809 1.258974161
1.192078614 1.741746128 1.485058286

YDR270W YDR270W::CCC2::copper-transporting P-type ATPase with similarity to human Menkes and Wilsons genes 1 0.894966219 0.966757416 1.106590387
1.264889738 1 0.921294638 1.067705683 0.903330962 1.038200624 1
2.206043024 2.463436246 0.913626616 1.063605628 1 2.133742312
1.418494637 1.089747 0.933662108 1 2.217621707 1.577641241
1.200151105 0.915103896 1 1.941874588 1.65946178 1.468357386
0.862743192 1.208308635 1 3.165670013 1.710243373 1.72512547
1.454285036 0.546196487 1.713504226 1.20977629 0.705901793
0.616448783 2.544563255

YGL244W "YGL244W::RTF1::Directly or indirectly regulates DNA-binding properties of Spt15p, TATA box-binding protein, and relative activities of different TATA elements. Member of RNA polymerase II-associated Paf1 complex." 1 0.772904707 0.83781151 0.88990737 0.900733907 1 0.881460502
0.911957244 0.874835014 1 0.701509188 0.872130657 0.761445622
0.960615345 1 1.078746981 0.74946477 0.655947963 1
1.273510896 0.802272088 0.979322301 0.986017536 1 0.886876329
1.121874374 0.735333625 0.701393372 1.024853534 1 0.940324799
1.002284293 0.906745393 0.985273139 1.158473556 1 0.882174984
1.107592805 1.125052826 0.98886604 1.198686846 1.207485451

YDR271C YDR271C::YDR271C::molecular_function unknown 1 1.291574582
1.596736843 1.039716699 2.223591419 1 0.976540816 1.021338991
1.5310555 1.789019022 1 2.82407938 2.69640936 2.390520247
1.305133686 1 4.995189487 2.34608771 2.074135757 1
4.074925928 1.463475331 1 2.596689979 2.237749546
1.290665469 0.472813879 0.941326244 1 4.455225998 4.614282069
3.037077356 1.596213781 0.838335342 1 3.443442369 4.164061426
0.912466172 0.60231726 0.953241851 1.249515488

YGL246C YGL246C::RAI1::Product of gene unknown 0.972716756
0.872334557 0.915336017 0.823295049 0.805113985
1.131230723 0.635368076 0.760498504 0.662576889 1.088635757 1
0.627324322 1.581731815 0.935504755 0.862422388 1 0.370972881
0.569205401 1 0.803159073 0.902194687 0.886046744 0.93384048
1.004940234 1 0.965638205 0.988203043 0.918636868 1.097017589

	1.2605975	1	0.864559731	1.000716244	0.998186679	0.788013303	
	0.926410164						
YDR272W	YDR272W::GLO2::Cytoplasmic glyoxylase-II	1				0.701278307	
	1.17844651	1.166227704	1.474235605	1	0.892466817	1.10056164	
	1.369533823	1.485425566	1	0.943813223	1.290372377	1.822745908	
	1.53048289	1	1.589348241	1.383084474	1.548394106	1.804980824	1
	2.135641205	2.450385583	3.043151204	1.87379986	1	0.990204106	
	1.497179699	1.191104853		1.221882204	1	1.193598728	1.516395983
	1.976721609	2.054234953	1.438048832	1	1.225120876	1.120689342	
	1.200632463	1.335172021	1.980661561				
YGL260W	YGL260W::YGL260W::molecular_function unknown					0.939471995	
	0.841586528	0.929179293	0.772406516			0.83477031	0.78438817
	0.851210833		1.410589388	1.048197543	0.980426858		1
	0.946139635			0.861657141		0.233997573	1
	0.58084112	0.722843874	0.760664598	0.751238019	0.675078541	1	
	1.323457273	1.24527919	1.70698408	1.013741608		1	
	1.205361632	1.32384404	0.854195423	1.346786333	1.027106933		
YDR282C	YDR282C::YDR282C::molecular_function unknown					1	1.677538264
	1.644020657	1.407185627	1.83453479	1		1.400149035	1.45662973
	1.663937954	1	1.106150957	1.339723756	1.552235983	1.20185143	
	0.711997727	1.056793373	0.74667877	0.991590601	1	0.829314372	
	0.7753088	0.767024568	0.66987787	1	1.514729244	1.553678584	
	1.648193007	2.611148308	1.886505563	1	0.872898653	0.363126249	
	0.715727006	0.985487368	0.221231295	1	0.496938171	0.321302371	
	0.41389903	0.282673635	0.490956677				
YGL262W	YGL262W::YGL262W::molecular_function unknown						0.972716756
	1.117003661		0.892306522				
	1.118006912	1.322816676				0.4613475	
	0.138535876			1	0.615108351	0.515660907	
	0.613762489				0.8404303	1.016079922	1
	0.97415748	1.124775554		0.516271966	1.81544686	0.777554122	
YDR284C	YDR284C::DPP1::contains a novel phosphatase sequence motif found in a super family of phosphatases including mammalian PAP2					1	1.286556053
	1.107083624	1.060338949	1.514106573	1	1.152690672	1.11737428	
	1.145125184	1.479591381	1	1.214380296	1.190107931	1.650502054	
	1.103981798	1	1.683705727	1.370343825	1.64675712	1.550910555	1
	1.216687985	1.687098306	1.880259863		1	1.261802458	1.190978809
	1.211625816	1.067638218	1.045140454	1	0.943730828	1.263052948	
	0.949395817	0.6906828	0.974871416	1	1.412633889	1.3684221	
	1.18034828	1.373283475	1.725749178	1.772262914			
YGR001C	YGR001C::YGR001C::molecular_function unknown					1	
	0.840068999	1.248843122	1	0.640250949	0.624885488		
	0.978165067	1	0.775542147	0.766105354	0.904967322	0.85711483	1
	1.114357027	1.027716931	0.676672362	1.088310663	1	2.098617008	
	2.300031985	1.844973202	1.592139605	1	1.040522277	1.097243737	
	0.752986216	0.837071266	0.979106794	1	1.039850865	1.449411482	
	1.046293123	0.998622656		1	1.006202167	1.298876522	0.883775084
	1.523754226	1.026457515	1.448282134				
YDR286C	YDR286C::YDR286C::molecular_function unknown					1	1.224807776
	1.69836261	1.089913733	2.134270765	1	1.01635068	1.175349385	
	1.900620153	1.659215977	1	1.030608936	1.382269651	2.173917108	
	1.286910329	1	1.332606757	0.86724434	0.719070704	1.684021154	1
	1.845424492	3.94937718	3.430482404		1	0.895535447	0.973646437
	0.526533671	0.607204224	0.810348539	1	1.148048538	1.846091899	
	1.63354679	1.47339959	2.993615991	1	1.132106902	1.678310587	
	1.109113622	1.979208888	2.092731614	2.137398171			

YGR003W YGR003W::YGR003W::molecular_function unknown 1 0.759237178
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0.694199434 0.96932162 0.898964055 1 0.761074306 0.834426331
0.785267758 0.8815947 1 1.114550305 0.937686651 0.657093212
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YDR292C YDR292C::SRP101::signal recognition particle receptor - alpha
subunit 1 0.655443106 0.722800372 0.815665648 0.892302265 1
0.911663153 0.807911397 0.782682011 1 0.643614772 0.727470446
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0.949015774 0.910915396 0.9080049 0.803860067 1 1.053546722
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YGR007W YGR007W::MUQ1::choline phosphate cytidyltransferase (also called
phosphoethanolamine cytidyltransferase or phosphocholine cytidyltransferase)
1 0.800106267 0.879583649 0.820064646 0.890977459 1 0.846557902
0.949570203 0.954626607 1 0.857884573 0.988773598 1.096837894
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YDR308C "YDR308C::SRB7::Suppressor of RNA polymerase II, possible component
of the holoenzyme" 1 1.00351081 1.187644607 1.031278603 1.548527251 1
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0.90458586 1 0.703559207 0.817609582 0.730435105 1
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1.120201809 1.031302914 0.755663491
YDR310C YDR310C::SUM1::Suppressor of mar1-1 (sir2) mutation 1
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YDR312W YDR312W::SSF2::high copy suppressor of G beta subunit temperature
sensitive mutation 1 0.637003113 0.612796277 0.870505266 0.960396083 1
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YGR029W "YGR029W::ERV1::Protein forms dimers in vivo and in vitro, contains
a conserved YPCXXC motif at carboxyl-terminal, binds FAD as a cofactor, and

catalyzes the formation of disulfide bonds in protein substrates." 1
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 overexpressed 1 1.058804423 1.053361804 0.800012722 0.942027768 1
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 YDR244W YDR244W::PEX5::Essential for import of proteins with SKL-like import
 signal into peroxisomal matrix 1 0.793927514 0.888135279 1.233091018
 1 1.20614336 1.155656865 0.879509067 0.99243608 1 1.202338957
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0.675809613 0.537600877 1 2.332495349 1.027084529 1.127014299
1.048518081 1 2.21481618 1.408395144 1.080276645 0.815787658 1
1.118239407 0.889501895 0.932410367 0.808715479 0.775698893 1
1.389169219 1.287378352 1.004042155 0.745943255 1.016929953 1
1.574298163 1.304225479 1.206897659 0.983775499 0.938172163 0.951803299
YGR071C YGR071C::YGR071C::molecular_function unknown 0.887757946
0.797172586 1.096901233 0.972116189 0.893517235 0.927034388
0.89829388 1.405766922 1.176181292 0.572597351 1.042623341 1

1.000066653 0.913307236 0.956077266
1.128445079 1 1.188885861 0.935745226 1.02807352 0.685490982
0.918017236 1 0.9942333 1.066531085 1.049121611 0.8090611 1
1.29007417 1.26364698 1.088196461 0.653169031 0.955995289 1.113793689
YDR356W YDR356W::SPC110::may be involved in connecting nuclear microtubules
to the spindle pole body 1 1.678784923 1.715965914 1
1.663482051 1.853610774 1
0.978060669
0.965871626 0.805700176 0.936777662 1 0.964568205 1.232691111
0.991061944 0.896198811 1 0.856710857 1.128795305 1.047091183
1.076866184 0.970191427
YGR073C YGR073C::YGR073C::molecular_function unknown 1 1.303906446
1.148699555 1.031640668 1.367157415 1 1.027310536 0.888365661
1.478543272 1.425270675 1 0.975108905 1.031891679 1.23284565
1.111891051 1 0.928698562 0.482876035 0.777671913 0.937053616 1
1.367325479 1.417112525 1.044212444 1 1.205343975 1.075562243
1.050993621 0.912788273 1.110574753 1 0.893361645 1.352010137
1.071515177 0.982963827 1.694670511 1 0.918113584 0.990293842
1.00385035 0.613392453 1.062387524 1.503446415
YDR358W "YDR358W::GGA1::Golgi-localized, gamma-adaptin homology, Arf-binding.
Interacts with Arf1p and Arf2p in a GTP-dependent manner. Effector of Arf that
facilitates traffic through the late Golgi." 1 0.760009403 1.051436226
1.142917759 0.967030416 1 1.132951332 1.197030156 1.198489103
0.82927081 1 1.233596866 1.687783041 1.500974714 1.224862304 1
2.805461394 2.639961113 2.803105522 2.03043887 1 2.549787521
1.767742765 1.851587882 1.676271812 1 1.426136272 2.229411756
1.931946094 1.059419267 1.348662197 1 1.854693994 1.588646148
1.830261936 1.366618968 1.265667926 1 1.992490515 1.642235875
1.302565636 0.862422288 2.199945625 0.992082006
YGR075C YGR075C::PRP38::RNA splicing factor 1 1.085808524 0.935930947
1.142328268 1 0.857515866 0.793245157 1.274910712 1.127151279 1
0.913331215 0.806944369 1.113138275 0.961925096 1 0.946882106
0.774033766 0.849750601 1.092348003 1 1.243515412 1.303433519
1.281817939 1.055263912 1 0.791073208 0.725783541 0.515902054
0.731426387 1 0.865104694 1.172220606 0.829511628 0.773688898
1.557283755 1 1.000479484 1.134566344 0.918078842 1.127406604
1.226571952 1.443904019
YDR360W YDR360W::YDR360W::molecular_function unknown 1 0.869436934
1 1.465243987 1.231011282 1 1.033415978
1.456102111 0.637410185 1.023740951 1
1 1.07549645 1.106711754 1.211224065 1.356648553
1.156272504 1 0.7690876 0.731762119 1
0.530925789 0.719420679 1.494528544 0.449954108 1.526054987 0.645334878
YGR077C YGR077C::PEX8::Required for peroxisome assembly 1 0.938760248
0.715037516 0.639551633 1 0.825347154 0.916247614
0.641813576 1 1.057981579 0.867303994 0.754678944 0.708350819 1
1.857378249 0.396986147 1.601376695 0.835173021 1 0.964770275
1.218348806 0.821314201 1 1.229233457 1.117838334 1.176255425
1.224117932 0.996419271 1 0.870381008 0.952550664 0.956230574
0.740608769 0.733084791 1 1.542423609 1.472691582 1.495049673
1.487191861 1.630372274 0.935166396
YDR362C YDR362C::TFC6::91 kDa tau91 subunit of transcription factor IIIC
(TFIIIC) 1 1.350641646 1.38621928 1.188550386 1.524195895 1
1.48746053 1.187752405 1.346520338 1.460846475 1 1.226938514
1.148269986 1.364540223 1.097443435 0.42821059 1
1 0.881850092 0.933167542 0.999495774
0.97841844 1.061547904 1 0.858719711 0.798632425 0.88045783

0.839542509 1.026447102 1 0.860750876 0.809875948 1.09053243
 0.820740034 1.3441955 0.887882787
 YGR079W YGR079W::YGR079W::molecular_function unknown 1 0.689644796
 0.62173688 0.689047384 1 0.633943072 0.66510821
 1.232920887 1 0.328657987 0.322999374 0.329868472 0.970519356 1
 0.423268809 0.463861046 0.530786242 0.575789218 0.437726777
 0.496489242 0.254423812 0.801217746 1 0.494573449 0.430680285
 0.564441309 1.04921156 0.605461311 1 0.348493584 0.373619219
 0.351360295 0.76331577 0.401786511 1 0.421043682 0.354885064
 0.773407495 0.504288841 0.446591681 0.514866912
 YGR093W YGR093W::YGR093W::molecular_function unknown 1 0.965074022
 0.765898856 0.977258742 1.097977866 1 0.794844992 0.795950892
 0.929612448 0.942576858 1 0.66340953 0.678490895 0.623102449
 1.12154995 1 1.062489419 0.842299378 0.724992888
 0.773006859 0.50278992 0.657716091 1 1.058505236 0.992646062
 0.777830426 0.784843745 0.919859501 1 0.905026018 1.134886117
 0.926278677 1.41523943 1.790185101 1 0.930096782 1.351392372
 1.357770579 1.40048399 1.07763754
 YDR364C "YDR364C::CDC40::Required for proper timing of DNA synthesis at all
 temperatures and completion of DNA synthesis at a restrictive temperature in
 both mitosis and meiosis, and for completion of meiotic recombination, meiosis I,
 meiosis II and spores" 1 0.846030289 0.794301081 0.944290549 0.965160926 1
 0.84788019 0.980398197 0.834228225 0.903900195 1 0.711357961
 0.799545072 0.943034963 1.269569024
 1 0.870024363 0.912915977 0.953840513 0.894202302
 1.22338244 1 0.757121223 0.742264918 0.681733309 0.849912675
 0.874396969 1 0.798466682 0.610875532 0.842933874 1.012002628
 0.81832149 1.019226366
 YDR378C YDR378C::LSM6::Like Sm-F protein 1 1.102705647 1.443024658
 1.009975292 1.713336965 1 0.924519308 1.168031671 1.604221217
 1.419191703 1 0.926806694 1.14918106 1.648404054 1.205380993 1
 1.264933686 0.927665992 0.855439072 1.474006153 1 1.677473016
 1.926874171 1.736738002 1.380758464 1 1.154947337 1.319699575
 1.034133229 1.154571926 1.214963555 1 0.922649858 1.392491943
 1.131187057 0.729656007 2.094644804 1 0.963700529 1.369456666
 0.951546463 1.667597217 1.643570508 1.298550427
 YDR380W YDR380W::ARO10 1 0.747609115 0.518420003 0.817351932
 0.510541491 1 0.975120983 1.026124481 0.473087499 0.477262362 1
 1.270312915 1.200444771 0.433315268 0.366079193 1 2.788003871
 3.347261815 1.684887679 0.503857163 1 1.157655167 1.832925955
 1.036741475 0.609495758 1 0.854208999 2.288132379 3.596749098
 1.68006563 1.370706376 1 0.484749194 1.494169438 2.673241769
 0.756385276 1.145470301 1 0.684850036 1.758776662 2.846570243
 1.015651627 2.094922846 0.690867314
 YDR246W YDR246W::TRS23::Trapp subunit of 23 kDa 1 0.792210508
 1.103942433 0.921377755 1.080821742 1 0.848858403 0.95674418
 1.144209405 1.097791245 1 1.051452678 1.553668735 1.11327962 1
 1.614417659 1.337260425 1.148218441 1.304652313 1 1.747045345
 1.787482134 1.929094576 1.004661299
 1.320473256
 0.836441049 1.085773768
 YDR248C YDR248C::YDR248C::molecular_function unknown
 0.979495882 0.978969 0.776438313
 0.765576309 1.040665272
 1 0.710479143 0.795486307 0.961536332
 0.683105764 1 1.073891389 0.950958474 1.1071559 0.864060533

0.80565184 1 1.131390697 0.935212216 0.590139322 1.640613857
 0.518990262 1.269654842
 YEL017CA YEL017CA::PMP2::May regulate plasma membrane H(+)-ATPase; nearly
 identical to PMP1 1 2.380743478 1.400326741 1.271172293 1.806377907 1
 1.390688195 1.103129161 1.533629562 1.534493387 1 1.351101592
 1.147956842 1.015298708 1.036562007 1 1.017937274 0.746264322
 0.76759242 0.846971321 1 0.755579628 0.607653287 0.611479455
 0.560960284 1 1.391182657 1.272603567 1.819013513 2.09926438
 1.27231689 1 1.059226002 1.341119911 1.119342982 0.726057044
 0.662130724 1 1.208897297 1.158429181 1.291415337 0.795870951
 2.069099439
 YML010WA YML010WA::YML010W-A::molecular_function unknown 1 1.75083973
 1.626842657 1.179598719 1.116476139 1 1.352121385 1.369692784
 1.354227922 1.56789478 1 1.156122079 1.23411188 1.555590064
 1.025067109 1 0.900156311 0.632153859 0.789772812 1.03819252 1
 0.794729394 0.66869527 0.49232598 0.394079944 1 1.135143245
 0.982477714 1.062624556 1.175039428 1.014977837 1 0.794182636
 0.924966552 0.763636144 0.838898803 1.012970762 0.961289514
 0.958690643 0.795573245 1.428961209 1.094078978 1.017475036
 YML013CA YML013CA::YML013C-A::molecular_function unknown 1 1.255048906
 1.1493902 1.088710584 0.699374605 1 1.190980718 1.338361439
 0.847779745 1.036821807 1 1.348300525 1.419458367 1.423879555
 1.002239522 1 1.310689711 1.278534459 1.226570352 1
 1.051528316 1.140688988 0.682371093 1 1.104967866 1.037811408
 1.286984884 1.132393295 1.016266763 1 0.892128268 1.026526759
 1.093388656 0.854773559 0.649847875 1 0.982154203 1.036762682
 1.086873316 0.697320748 0.786933782 1.091027549
 YMR273C YMR273C::ZDS1::Negative regulator of cell polarity 1
 1.272738699 1.412908708 1.300655938 1.414491003 1 1.39982457
 1.280759624 1.132613903 1.174300779 1 1.410911113 1.468690478
 1.481083771 1.267001755 1 0.715993096 0.682337865 0.622855173
 0.909726217 1 1.043965389 1.336442106 1.211306571 0.749140651 1
 0.564412487 0.531466979 0.638299858 0.44524537 1.033549418 1
 1.453241672 0.6252336 0.828414612 0.732011275 0.325441857 1
 1.031029127 0.814577028 0.679970191 1.266799463 0.472113727 0.954430189
 YGR095C YGR095C::RRP46::Ribosomal RNA Processing 1 1.161592517
 1.105400532 0.938238427 1.327322407 1 0.984355873 0.868281764
 1.262544877 1.270217154 1 0.865902187 0.808556975 0.914068284
 1.160270508 1 0.915506137 0.459340036 0.632591831 1.10204814 1
 1.008806847 0.790827314 0.835160335 1.136474223 1 1.127327535
 0.990490093 0.715016423 0.846994388 0.928439585 1 0.917668669
 1.126903579 0.807355377 1.034151535 1.87120741 1 1.300301434
 1.146722376 1.152737338 1.704179934 1.368344558 1.281037964
 YGR097W YGR097W::ASK10::transcriptional activator of the SKN7 mediated 'two-
 component' regulatory system 1 1.297061499 1.143252416 1.323053246 1
 1.179789423 1.159997192 1.287574869 1.189121199 1 1.40075125
 1.231729325 1.121499148 1.327436649 0.390584929
 0.529696 1 0.985667078 1.025357178 1.043698699
 1.200469299 0.981432873 1 1.000073743 0.920024525 0.825869487
 0.912346861 0.674652561 1 1.069976707 0.792487957 0.932365911
 0.696649482 0.792439695
 YGR097W YGR097W::ASK10::transcriptional activator of the SKN7 mediated 'two-
 component' regulatory system
 1 1.246789957 0.876761488 0.999533159
 1.101567118 1 1.076220905 1 1.120100455
 1.019001415 1.311542507 1.273157293

YDR382W "YDR382W::RPP2B::Homology to rat P2, human P2, and E.coli L12eIA" 1
1.460414002 1.540629088 0.830205962 1.261754568 1 1.032265036
1.13229865 1.126897056 1.187628679 1 1.172056553 0.943958982
1.039209639 0.860351467 1 0.815545256 0.337759561 0.231940241
0.304330455 1 1.451106299 1.156584932 0.4177033 0.528579827 1
0.914492098 0.774891184 0.80478761 1.143702624 0.940941705 1
1.011044226 1.104499492 0.779066948 0.670769513 1.020750949 1
0.784576494 0.515108735 0.612801361 0.787845118 0.619076164 0.884380232

YGR099W YGR099W::TEL2::Involved in controlling telomere length 1
1.405394126 1.298163768 1.643736491 1.205804003 1 1.371173653
1.318738551 1.32251358 1 1.081612858 1.359169566 1.010300419
1.607288331 1
1.114798739 0.951782469 0.873182884 0.98799707 1.065464168 1
0.835786602 0.705460341 0.750636628 0.749915243 0.773267828 1
1.070582735 0.948101204 1.106305688 0.831546357 1.093569444 0.978947659

YDR384C YDR384C::YDR384C::molecular_function unknown 1 1.747577097
1.17280243 0.891899557 1.030179901 1 1.096101832 0.995420549
0.937797235 0.80968052 1 1.081329665 0.788243493 0.869757583
0.757069388 1.253674455 0.41213711 0.342138096 0.48823113 1
0.487711178 0.53741561 1 1.133897633 0.649685272 0.947292824
1.274069072 0.929458414 1 0.71067559 0.945053578 1.075678033
1.05176634 0.756176247 1 1.068698923 0.820317272 0.796408963
1.399316242 0.458406695 0.916778372

YGR101W YGR101W::PCP1::putative mitochondrial rhomboid protease
0.933315566 0.834753572 0.983968475 0.76653272 1.008536429
0.877607245 0.886411659 0.9007719 1.030815383 0.878962796
1.024832352 0.852699411 1 2.897153446 1.774935704 0.987308492
0.623993528 1 0.935852174 0.980826549 1.062660606
1.041265468 0.939282869 1 0.956693296 0.807089426 0.943875442
0.549352607 0.75184461 1 1.096931675 0.833884203 0.849814983
0.881619723 1.442152689

YDR386W YDR386W::MUS81::Mms and UV Sensitive; Mus81p and Rad54p are found together in a complex from whole-cell extracts 1 0.855354299 0.972876579
1.348743262 1.122771896 1 0.999624915 1.161959319 1.221380792
1.19792378 1 0.955946124 0.934925409 1.277041321 1
1.059141547 1.22483787 0.477308466 1
0.922906718 0.908556813 0.877810509 0.698034336 1.026524355 1
1.01192341 1.301683115 1.17954271 1.679643327 1.672461268 1
0.845686021 1.084649103 1.148530889 0.7007179 1.286414904

YGR103W YGR103W::NOP7::Nucleolar protein present in purified ribosome assembly intermediates. Required for rRNA processing; required for essential steps leading to synthesis of 60S ribosomal subunits. 1 0.995564183
0.571854893 0.837581902 0.80408019 1 0.882323058 0.585453431
0.879799296 0.810598681 1 0.670756525 0.31374108 0.16979162
0.880010449 1 0.48145856 0.165811668 0.104377873 0.24445989 1
0.709851556 0.138072549 0.063358152 0.377040494 1 0.935081423
0.632131544 0.620134698 0.895413152 0.900655109 1 0.721298635
0.4428992 0.42033316 0.598978641 0.927914417 1 0.804659615
0.541216231 0.742382519 1.109334954 0.439087487 0.679484244

YDR388W "YDR388W::RVS167::The BAR adaptor proteins encoded by RVS167 and RVS161 form a complex that regulates actin, endocytosis, and viability following starvation or osmotic stress." 1 0.666760233 0.802779669 0.671510058
0.399346242 1 0.896072064 1.046778384 0.585533948 0.543854574 1
0.783009789 0.980899275 0.966616594 0.576261374 1 1.337610515
1.234187089 1.328069335 1.016918891 1 1.112465146 0.849721558
0.915384433 0.941902643 1 0.815497344 0.941804216 1.084208206
0.933742316 0.933046838 1 1.190095843 1.019951792 1.066564899

1.340924247 0.765563256 1 0.915955022 0.902583061 1.168972131
0.627437516 1.179417504 0.837096518
YGR117C YGR117C::YGR117C::molecular_function unknown 0.989954773
0.764146882 1.027576207 0.957431668 1.012168639 0.944608536
1.073233803 0.778108354 0.944009847 0.797518627 0.683611085
0.866405256 1 0.706588097 0.772081398 0.649182745 0.74465205 1
0.964093324 1.408850071 1 0.918262617 1.033254647 0.978397549
0.899909578 1.102610466 1 0.949979142 1.018879429 0.9668962
0.804864588 1.089455315 1 0.937158153 0.971853717 1.031017026
1.101028945 1.325416964 1.028858158
YDR402C YDR402C::DIT2::Disp. for spores & spore viab. - required for
dityrosine biosynth. & dityrosine accumul. in outer spore wall (s.w.); s.w.
matur. & resist. to ether & lytic enz. mRNA trans. mid/late during s.w.
formation 1.153823795
0.754725616 1.234005689 0.241986151
0.396086095 0.144356706 1 0.91282705
1.005436424 1.440115796 1.250758681 0.674900928 0.837313916

YGR119C "YGR119C::NUP57::Forms complex with Nsp1p, Nup49p, and Nic96p at
nuclear pore; this complex participates in nucleocytoplasmic transport; in vitro,
Nsp1p, Nup49p and Nup57p form a 1:1:1 stoichiometric complex to which Nic96p can
also bind" 1 0.881764741 0.943566198 0.99394271 0.830484495 1
1.059857736 0.954651486 1.146081 0.849905819 1 0.912334626
0.933620358 0.705482441 1.081180423 1 0.738708752 0.702786034
0.597379211 0.863142922 1 0.865687637 0.639455044 0.779527907
1.097385753 1 0.854410805 0.896022317 0.898152888 0.883033746
1.034103749 1 0.754999265 0.788784615 0.778510103 0.69055869
0.862265941 1 0.893615625 0.642905008 0.947086957 0.920369651
0.917973599 0.813454714
YDR404C YDR404C::RPB7::dissociable subunit of RNA polymerase II 1
1.517406875 1.427166726 0.964308346 1.418725671 1 1.195436135
1.13833092 1.274159359 1.177841652 1 1.239143134 1.189479364
1.505961119 0.868282642 1 1.065980289 0.407652041 0.705262185
1.119464815 1 1.210241035 1.563492446 1.531044542 1.053577692 1
1.223887747 0.898340588 0.848803778 0.931942114 0.916598553 1
0.842428256 0.999205658 0.578066138 0.501643867 1.108746704 1
1.062712909 1.166275055 0.861465216 1.490791045 1.008293683 1.498192634
YGR121C YGR121C::MEP1::belongs to a ubiquitous family of cytoplasmic
membrane proteins that transport only ammonium (NH(4)(+) + NH(3)). 1
0.856764186 0.807216017 0.781668945 0.736834341 1 1.086250685
0.962267996 0.83697042 0.732374107 1 1.237322903 0.96013542
1.012369074 0.762285409 1 1.650575686 1.040876986 1.586686992
1.099064648 1 1.560629588 1.270140645 1.616971252 1
1.035160947 0.941325522 1.111794592 1.02435006 0.971352681 1
0.722787938 0.707060648 0.778229561 0.85376304 0.623387208 1
0.745471698 0.822719004 0.98135025 0.764107447 1.021463433 1.06651008
YGR123C YGR123C::PPT1::serine/threonine phosphatase 1 1.339420808
0.816719699 1.18464341 1.053636438 1 1.086952829 1.043758341
1.124135557 1.053812696 1 0.841849411 0.549759413 0.493261588
1.050574065 1 0.431742849 0.388748588 0.261644981 0.3701001 1
0.671231182 0.321378538 0.665595158 1 0.827662485 0.58619877
0.65575153 1.020532589 0.78930871 1 0.877252348 0.587238098
0.562322034 0.664760059 0.837155783 1 0.788528584 0.548352627
0.711846128 0.872642162 0.60354441 0.852857756
YDR406W YDR406W::PDR15::similar to Pdr5p and Pdr10p 1 1.697909859
1.406814577 1.459343087 1 1.448576642 1
1.169930098 1.335326768 1.471872815

	1		0.709955236	0.865910285	1.172690679	
1.079948003	1	0.971081	0.743217121	0.486012743	1.009430325	
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0.717621707	1.106788787					
YGR125W	YGR125W::YGR125W::molecular_function	unknown	1		1.225339343	
0.917633887	1.275742139	0.918055582	1	1.268806376	1.278407711	
0.915553668	0.883181592	1	1.114008861	1.093886546	0.724310895	
1.256312329	1	1.419631085		1.088871146	0.570093881	1
0.844216368	0.520637024		0.354153094	1	0.980740867	0.963711323
0.81784742	1.157360126	0.924253699	1	0.886112204	0.64592689	
0.604029212	0.774454842	0.816818894	1	1.061329031	0.855506191	
1.149953396	1.022404415	0.965993409	0.684737973			
YDR408C	YDR408C::ADE8::glycinamide ribotide transformylase		1			
0.989632809	1.068491736	1.051561839	0.945497355	1	1.087906252	
1.049928623	1.123370301	0.857881608	1	1.054084005	1.044876079	
0.861919412	0.959548324	1	1.322967243	1.157484998	0.815067843	
0.809415388	1	2.628902562	2.595101247		1.30196447	1
0.922215862	0.97359731	0.836924384	0.84547383	1.160797094	1	
1.111870654	0.945430537	0.700784806	0.923885366	1.429174929	1	
1.037298009	0.89374022	1.013736155	1.224276902	1.400166685	1.133057482	
YDR410C	YDR410C::STE14::farnesyl cysteine-carboxyl methyltransferase					1
1.347348779	1.23844744	0.969743123	1.34209912	1	1.013122038	
1.027024298	1.168577007	1.084373958	1	1.392795552	1.096501241	
1.331500575	0.918704387	1	1.250083976	0.822328154	0.879721245	1
1.310338028	1.265523773	1.24898416	1.046910772	1	1.149801841	
1.233929812	1.120989717	1.191185502	1.003283537	1	1.133696105	
1.652955568	1.495463621	1.117212452	1.45054078	1	1.182261182	
1.499128271	0.967224269	1.466627331	1.102244204	1.091027549		
YDR412W	YDR412W::YDR412W::molecular_function	unknown			0.972716756	
0.966856456	0.888926089	1.414610256		0.795228543	1.11563317	
1.242743104		0.729407383	0.570109436	0.745545121	0.94178743	1
0.470191271	0.265624569		1	0.520710735	0.411716128	
0.727550422	1	0.77987351	0.647676694	0.577696029	0.661178864	
0.859969855	1	0.829393544	0.98532173	0.716487308	0.993422006	
1.973923448	1	0.713547588	0.860295959	0.90554545	1.548815981	
0.778582289	0.951803299					
YGR127W	YGR127W::YGR127W::molecular_function	unknown	1		1.000489745	
0.9912026	0.824619795	1.030830167	1	0.85113934	1.009490985	
0.967748859	0.969071106	1	1.207126393	1.40345357	1.720051628	
1.113279664	1	2.8295804	1.945905036	2.739078415	2.335695014	1
1.662271953	1.255755047	2.153045331	1.501935148	1	1.272188035	
1.401379992	1.360662339	1.137606034	1.166214615	1	1.137476016	
1.22688096	1.277588217	1.174606856	1.417983813	1	1.309632241	
1.204734709	1.080812042	1.23636081	1.405803998			
YGR141W	YGR141W::VPS62		1	1.041462332	1.05339268	1.097490791
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1.025761204	1.190116503	0.958350847	1	1.282137253	1.04122341	
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1.234008495	0.954957947	1	1.187907087	1.064732594	1.25863852	
1.389523055	0.850471136	1	1.155809644	0.960859791	1.1124938	
0.644807349	0.833538138	0.654966775				
YDR426C	YDR426C::YDR426C::molecular_function	unknown	1		1.047588547	
1.644219815	1.132303773	1.613947069	1	1.139349523	1.101276712	
1.349347953	1.258263693	1	1.441936869	1.528641488	2.291404157	
1.28164873	1	2.204603483	1.802413754	1.365277352	2.041347963	1
	2.682497692	1.247853465	1	1.14449687	1.137969552	0.770925493

0.618817512 0.904995326 1 1.256096446 1.940346704 1.236395202
 0.969141479 2.143188371 1 1.590267689 2.13008478 1.377352483
 2.235255588 1.92160786 1.34145592
 YGR143W YGR143W::SKN1::Involved in (1->6)-beta-glucan biosynthesis 1
 1.064296477 0.900245092 1.241410033 0.783597147 1 1.106594211
 1.31513549 0.918855571 0.796409179 1 1.12320433 1.21396872
 0.673817391 1.143039023 1 0.944822756 1.250559975 1.030048962
 0.629235078 1 1.091546987 0.634215382 0.814169966 0.773987883 1
 0.950070284 0.942815452 1.200519288 1.287725169 0.887416633 1
 0.899507622 0.534437675 0.681170324 0.96149842 0.657185277 1
 0.930126893 0.668343994 1.060306741 0.71747767 1.109408434 0.651464271
 YDR428C YDR428C::YDR428C::molecular_function unknown 1.111852157
 1.110347577 0.872153848 1.397967706 0.900781653 0.844655751
 1.1593575 1.177074685 0.786072076 0.848289019 1.103126311
 0.897732909 1 0.749974792 0.610469035 0.652258164 1.014757186 1
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 1.176352105 1.008206702 0.894686461 0.851898725 1 1.076545385
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 1.194115374 0.884075476 1.306996518 1.238854046 1.332699689
 YGR145W YGR145W::ENP2::Essential Nucleolar Protein 2 1 1.06021647
 0.772877361 0.97004168 0.867427498 1 0.8317691 0.74340091
 0.909033376 1.014109817 1 0.622875556 0.416208291 0.413303334
 1.209166034 1 0.412619385 0.320114005 0.36997499
 0.695007702 0.376148349 1 0.682895622 0.445315744
 0.440131275 0.66814577 0.717500356 1 0.911834509 0.617738907
 0.408898371 1.167515354 1.299611095 1 0.678365025 0.633647479
 0.973115803 1.211333429 0.374438536 0.818708442
 YDR430C YDR430C::CYM1::CYtosolic Metalloprotease 1 0.732680255
 0.887257065 0.991843739 0.405744349 1 1.026217505 1.14379091
 0.751761199 0.638694874 1 0.955161878 0.957268907 0.747105552
 0.662480951 1 0.766452376 1.021956294 1.036117289 0.964822613 1
 1.149181325 1.349532803 0.914998665 1 0.912917783 1.003093065
 1.076929083 0.951831823 0.891770687 1 1.262876957 0.807234285
 0.92712415 0.745914202 0.686933103 1 0.99570143 0.842421676
 0.830973018 0.482224444 1.08815841 0.821335332
 YGR147C YGR147C::NAT2::Transfers acetyl group from acetyl coenzyme A to the
 N-termini of proteins beginning with methionine 1 0.95235323 0.932574852
 0.981809456 1.057176509 1 0.846900256 0.885534814 1.352427977
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 0.879240525 1.023350721 0.929070435 1 1.310031201 1.458885728
 1.194730613 1.425619898 1.08808812 1 1.126785504 1.261806258
 1.001435317 0.993679567 1.489916844 1 1.165560606 1.060891472
 0.873769221 1.023903423 0.895719433 1.01222136
 YDR432W "YDR432W::NPL3::involved as a protein carrier in mRNA export,
 involved in mitochondrial protein targeting" 1 0.900820572 0.791059785
 0.754551031 0.458304789 1 1.020085311 1.202478048 0.56692232
 0.571051237 1 1.06753656 0.972881239 0.76774245 0.486110345 1
 1.152526384 1.159446254 1.273366253 0.414134724 1 0.709377305
 0.529040106 0.427529417 0.490568914 1 0.828738037 0.884747653
 0.989349092 0.879019432 0.67901899 1 0.692264416 0.57663608
 0.682598918 0.551607342 0.331982534 1 0.868577388 0.623891248
 0.928938228 0.475415939 0.917695327 0.616439293
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 0.942066588 1 2.040144825 2.454906557 2.365118131 1.13077254 1

1.407473077 1.20228188 1.401388529 1.115349991 1 1.247655952
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1.179030583 1.492309805 0.741712128 1.33862683 1 1.037022494
0.989730608 1.048893586 0.997511204 1.806801978 1.294172311
YDR434W YDR434W::GPI17::Glycosyl Phosphatidyl Inositol 17 1
0.935640847 0.821954531 1.000365526 0.94008351 1 0.941488951
0.874578517 0.877604766 0.865716492 1 0.899041695 0.873148724
0.691111529 0.967880508 1 1.23039727 1.032937873 1.039299521
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1.18079894 1.165477156 1.087898583 0.989119173 0.959854187 0.992082006
YGR151C YGR151C::YGR151C::molecular_function unknown 1 0.955714879
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1.962825069 1.672975276 1 0.798129014 0.834048711 1.28210594
1.480488186 0.669184787 0.685352148 0.922825634 1
1.073063877 0.940360887 0.611819451 0.876079453 1 0.74689256
0.798068693 0.525624943 0.441695618 0.91463699 1 0.800770498
1.254363765 1.033465192 1.248440277 1.400622272 1 1.053758247
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YGR165W YGR165W::YGR165W::molecular_function unknown 1 1.737627003
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1.399842941 1.329993183
1 1.185136127 1.188763872 1.124631894 0.960561061 1.157448197 1
1.193400682 1.168877447 1.128944914 0.743638685 0.914151653 1
1.088361168 0.980223033 0.901999338 1.240382891 1.3323896 1.304679768
YDR436W YDR436W::PPZ2::serine-threonine phosphatase Z 1 0.959043164
0.996106379 1.16410928 0.839238939 1 1.121092655 1.280629333
0.810232009 0.821209507 1 1.369512019 1.261872717 1.173636398
0.960503092 1 2.238960928 1.538438165 2.631261711 1.076731691 1
1.244833238 1.221052071 1.026910406 1 1.168544806 1.243604706
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YGR167W YGR167W::CLC1::Clathrin light chain 1 0.839021886 1.169587183
1.001318405 1.317152525 1 0.989488803 1.040917605 1.350699205
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1.387141314 1.280252807 1.455277207 1.50547379 1 2.025175646
1.562689424 2.084647018 1 1.024309366 1.334372906 1.029175209
0.688021401 1.024007756 1 1.191798303 2.089091632 1.872330061
1.357020846 1.962655916 1 1.302516113 1.568629787 1.166247893
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YDR450W YDR450W::RPS18A::Homology to rat S18 and E. coli S13 1
0.992423184 1.0227651 0.717722418 1.359421656 1 0.840072118
0.785153912 1.090893646 1.033681788 1 0.718915496 0.747405887
0.632885314 0.756935719 1 1.105894113 0.530608158 0.301424858
0.941287295 1 1.421044232 0.98531702 0.520920347 0.849871448 1
1.080214392 0.923620847 0.938759657 0.989763166 1.39528187 1
1.263794727 2.12438791 0.898858416 0.595450434 1.630585141 1
1.56518735 1.475466811 1.027938991 2.531247639 1.319877817 1.271406067
YGR169C YGR169C::PUS6::RNA:Psi-synthase 1 0.955911255 1.033853287
1.160932401 1.145143486 1 0.966481061 1.012044138 1.368768041
1.298073982 1 0.894478112 0.910560406 0.92672775 1.17377051 1
0.65256627 0.926519917 0.79509125 1 1.002190667 0.959090066
0.900837759 1.263345958 1 0.929528867 1.058170721 0.506606375
0.940988837 0.962256883 1 0.950782124 1.116420562 1.064409387

0.903543354 1.566036811 1 1.083820898 1.033083204 0.978039215
 1.037776455 1.287177129 0.822210945
 YDR452W YDR452W::PPN1::Phosphate metabolism; transcription is regulated by
 PHO system 1 1.184111297 1.116327718 1.269053859 1 1.167336973
 1.054938998 1.282414101 1 1.267234668 1.362436726
 1.06870691 0.656154764 0.725160671 0.717906098 1
 1 0.785244073 0.952354083 1.06141839 1.169221503
 1.121564014 1 0.829875217 0.975783648 0.862998137 0.927020509
 0.785050292 1 0.894128213 0.756794327 1.041349857 0.930864795
 0.92791021 1.186470537
 YDR454C YDR454C::GUK1::guanylate kinase 1 1.094658876 1.238986339
 0.816381967 1.338146225 1 0.966052086 0.92523518 1.307530444
 1.22270843 1 0.857480487 1.033208282 0.985654115 1.061835278 1
 0.954691068 0.539002906 0.536222713 0.856000122 1 1.658556649
 1.644658022 1.182806939 1.275693751 1 1.267311355 1.372038092
 1.201071594 1.32478464 1.18850443 1 1.188191541 1.766356018
 1.064963897 0.873741243 1.564315619 1 1.166684242 1.415656045
 0.970818974 1.575366995 1.03229744 1.414132768
 YDR456W YDR456W::NHX1::Required for intracellular sequestration of Na+ 1
 1.091508617 0.923872655 0.988017585 0.989946369 1 1.126313644
 1.054222163 0.938643041 0.821122293 1 1.258182092 1.085691458
 0.71434249 0.85386947 1 1.902703701 1.926303986 1.973786412
 1.006351595 1 0.806189242 0.562477769 0.514459331 0.584296563 1
 1.476934961 1.539535553 2.038318389 1.414056093 1.043158829 1
 1.172096773 1.343587015 1.195046303 0.950212316 1.126648684 1
 1.21968728 1.217924092 1.115497554 1.043587151 0.898981305 1.091027549
 YGR171C YGR171C::MSM1::mitochondrial methionyl-tRNA synthetase 1
 0.992191802 1.007177663 1.194347722 1.016428324 1 1.131081745
 1.218221015 1.317014723 1 1.123652006 0.991648744 0.92095459
 1.27868853 1.019134047 1.133069465 0.98015038 0.863687801 1
 1.368680985 1.167626681 0.998939162 1.547192232 1 0.945362683
 0.907219642 0.989153944 1.012642344 0.956771706 1 0.972358619
 0.863002467 0.93527239 0.938846433 1 1.123714752
 0.765295387
 YGR173W YGR173W::YGR173W::molecular_function unknown 1 1.000933298
 0.77330661 0.840426469 0.847927119 1 0.792844298 0.703330141
 0.955283205 0.928285244 1 0.628105515 0.5041297 0.38450209
 1.028744492 1 0.567923468 0.314085009 0.404011398 0.834484753 1
 0.760540147 0.292867218 0.434962874 0.920560422 1 0.948869358
 0.801234529 0.852890668 0.886884999 0.855760433 1 0.946713321
 0.870947198 0.655066903 0.84610043 1.244466255 1 0.878763263
 0.787344069 0.980994967 1.065851786 0.664091813 0.933415171
 YDR458C YDR458C::YDR458C::molecular_function unknown 1 0.895233346
 1.013072009 1.128077139 1.378499335 1 1.040647613 1.026626551
 1.191124809 1.038200624 1 0.81089347 0.920060684 0.97147698
 0.940782973 1 1.294519663 0.919942626 1.39399964 1.055886032 1
 1.1790077 1.458327377 1.269429597 0.768617576 1 0.859514338
 1.122461481 0.918639869 0.824447708 0.978086701 1 1.21786086
 1.272658365 0.977321341 0.989658231 1 0.932813757 1.155397752
 1.046205303 1.00413835 0.983119769 0.835345293
 YGR175C "YGR175C::ERG1::squalene epoxidase; an essential enzyme in the
 ergosterol-biosynthesis pathway; catalyzes the epoxidation of squalene to 2,3-
 oxidosqualene and is the specific target of the antifungal drug terbinafine." 1
 1.025375246 0.62666156 0.897429557 0.644568511 1 0.958376083
 0.879950822 0.64332495 0.784803067 1 0.607550607 0.510446765
 0.467658992 0.877207304 1 0.621477397 0.42832468 0.573608753
 0.699788966 1 0.510371263 0.157189129 0.255290112 0.820674391 1

0.483531265	0.322338161	0.424453352	1.564984928	0.846308471	1
0.303569934	0.222153293	0.201874042	0.774045972	0.943592802	1
0.465228436	0.328059528	0.860506934	1.312911639	0.853995269	0.750409762
YDR460W	YDR460W::TFB3::Transcription/repair factor TFIIH subunit				1
0.842651499	1.082453195	1	0.954161588	1.018642752	
1.281371349	1	0.91949566	1.293923937	1.285742997	1.155802662
1.314899136	1.145122607	1.156811601	1.594117269	1	1.26870884
1.556473917	2.085088351	1.205286288		0.975778177	1.060301906
0.951727064	0.759161558	1.069782925	1		1.213909159
1.14756112	1.245430681	1	1.485287424	1.200533056	1.177161219
1.543803555	1.409243253	0.919405158			
YGR189C	YGR189C::CRH1::congo red hypersensitive				1
0.638824849	0.845737085	0.527823733	1	0.822144812	0.843913996
0.64359396	0.733359824	1	0.764444408	0.655043261	0.554474561
1.095583484	1	0.468955727	0.414923436	0.389642981	0.841059288
0.43508919	0.333690535	0.328798739	1.36766602	1	0.997672755
0.7716805	1.360421908		1.164633593	1	0.644071456
0.713681323	0.53461941	0.518003372	1	0.708523876	0.697701574
1.060850019	0.744454697	0.641095565	0.939544512		
YDR474C	YDR474C::YDR474C::molecular_function unknown				1
1.149268755	1.025627917	0.880916748	1	1.057833486	1.225365613
1.180733622	1.026212176	1	1.146703799	1.314066963	1.380549141
0.994603692	1	1.429699358	1.270031536	1.626126501	1.387878527
1.179551161	1.577308142	1.628713046	0.574147996	1	1.179869498
1.218920034	1.074795699	0.878062738	1.005070591	1	1.138426153
1.051401792	0.839244928	0.87499317	0.748795565	1	1.116007976
0.978020859	0.974935867	1.04465591	0.941687474	1.374729726	
YGR191W	YGR191W::HIP1::histidine permease				1
0.786350184	0.499127357	1	0.731410457	0.775139992	0.568492522
0.700728584	1	0.976274682	0.627969662	0.335446705	0.607593645
0.98421418	0.63815998	0.741376548	0.400473753	1	0.975839461
0.610740922	0.563363349	0.985128749	1	1.100934918	0.855129289
1.120420962	1.574478965	0.906037566	1	0.679570523	0.531337258
0.588937925	0.661584646	0.486357773	1	0.754520554	0.613945821
0.704484496	0.682396348	0.692393061	0.647961768		
YDR476C	YDR476C::YDR476C::molecular_function unknown				1
1.150310311	0.712894166	0.533242542	1	1.053653872	1.018920975
0.828173755	0.846851061	1	1.916019856	2.125376997	0.825419117
1.45936982	1.550490899	1.802665494	1.441702588	1	1.003507721
1.306784551	1.200598	0.729654725	1	1.474062238	1.521883974
2.334521565	1.70592674	1.27067723	1	1.222237201	1.887588461
1.92606716	1.524631406	0.645027732	1	1.239589213	1.252335278
1.271161995	0.728931521	0.854929549	0.772300393		
YGR193C	YGR193C::PDX1::Plays a structural role in pyruvate dehydrogenase complex				1
0.713997191	0.624553442	0.805083999	0.715225665	0.772833358	1
0.880155942	0.783650892	0.699881483	0.637444451	1	0.715353859
0.851650177	1	1.526522301	1.225146028	1.398368301	1.325238477
0.962753549	1.338714466	1.123290021	0.875330145	0.866308644	1
1.318908799		1.159659433	1.195592879	1.203219103	1
1.447480288	1.146298209	1.179283197	1.274205209	0.90364392	
YGR195W	YGR195W::SKI6::superkiller; ExtraCellular Mutant; Ribosomal RNA Processing				1
0.825386305	1.188009162	1.244518139	1	0.778576605	0.812892643
0.916794055	1.154705653	1		0.713485068	1.115501306
	1.04299025	1.733859564	1	1.162229476	1.127307224
1.014054346	0.977274476	1	1.069959081	1.298707965	1.02657963

1.087147806 1.426130129 1 0.988073349 1.124052423 1.133368147
1.274094609 1.020392872 1.01484825
YDR478W YDR478W::SNM1::Has roles in both mitochondrial DNA replication and
nuclear 5.8S rRNA processing. 1 1.151644676 1.432871458 1.118925021
1.405472681 1 1.083952663 1.15483736 1.552190627 1.57879227 1
1.161430357 1.268733416 2.050313284 1.317984072 1 0.710936029
0.570956465 0.598408856 1.187129177 1 1.331214193 2.87992936
1.452761527 0.77081472 1 0.87997005 0.985387382 0.586768632
0.626808091 0.847479242 1 0.797349293 1.1161179 0.852496191
1.348877073 1.343807685 1 0.801382995 0.872988696 0.942656463
1.20574485 0.894776418 1.230251695
YGR197C YGR197C::SNG1::Involved in nitrosoguanidine resistance 1
1.072597316 0.92139865 0.804045489 0.549144001 1 0.999679195
0.95106308 0.804593251 0.685277391 1 1.41683515 1.337273647
1.296699141 0.748459194 1 0.979510533 1.577437527 0.95060933 1
1.508697173 1.428481704 1.338684345 1.082884842 1 1.318964803
1.466293744 1.567229583 1.35585638 0.905441615 1 1.205340616
1.077540454 1.234635963 0.955269098 0.815125697 1 1.146850559
1.041830623 0.934118967 0.666239726 0.648722938 0.818708442
YDR480W "YDR480W::DIG2::Down-regulator of Invasive Growth, Regulator of
Sterile Twelve" 1 0.883240203 1.096254815 0.872378027 1.072537528 1
0.854766449 0.828656978 1.163480809 1.096942606 1 1.077318614
1.016004651 1.027336167 1.225926434 1 1.408651145 1.11157426
1.032588094 1.597655765 1 1.38006346 2.218510264 1.716900001
1.103872682 1 0.948950252 1.020097976 0.917939742 0.785531968
1.09544957 1 1.928453379 1.960631866 1.574524451 2.019420731
2.09356261 1 1.180850987 1.184838134 1.290679889 1.165133963
1.061256299
YGR199W YGR199W::PMT6::Transfers mannose residues from dolichyl phosphate-D-
mannose to specific serine/threonine residues of proteins in the secretory
pathway 1 1.165338028 0.785490842 1.132930024 0.723248489 1
1.04354686 1.071643549 0.947076871 0.764105368 1 1.157411883
1.058457496 0.573107957 0.936768936 1 0.901774816 0.885222702
0.721503327 0.448718353 1 0.731811587 0.413046772 0.600131694
0.55239943 1 0.967795918 1.052909458 1.298927945 1.160018005
0.976129744 1 0.853585902 0.691014101 0.851642853 0.779150633
0.544941811 1 1.01271781 0.937097949 1.064551693 0.71549724 1.014717
1.142689274
YDR482C YDR482C::CWC21::Complexed With Cef1p 1 1.046704627
0.981960667 1.011775619 0.898748827 1 1.016945688 1.077458908
0.939522815 0.820756689 1 1.03957191 1.031130695 1.07518047
0.875925648 1 0.972604368 0.709833777 1.071496967 0.989787371 1
0.967154295 1.132780749 0.899788604 1.036897669 1 0.950221408
0.903473769 1.051961275 0.895688508 0.940138164 1 0.883889397
0.879503534 0.631565222 0.882700779 0.984005763 1 0.885271337
0.824121999 1.168014295 1.341574856 0.879668772 1.126928036
YGR213c YGR213c::RTA1::involved in 7-amincholesterol resistance 1
0.889854991 0.848208537 1.199769406 1.026507422 1 1.062395663
1.132545008 1.4201601 1.304960414 1 0.787129106 1.149700499
1.508179842 1.396807689 1 1.053701304 1.246107862 1.34530148 1
0.912139036 1.745613675 1.360723294 1.415319571 1 1.026486468
1.250912239 1.218678262 0.971537281 1.02395247 1 1.001250999
1.369489754 1.763315791 1.487711031 1 1.545951685
1.451184269 0.663122687 1.483216194 1.071763756
YDR484W YDR484W::SAC2::May interact with actin as a component or controller
of the assembly or stability of the actin cytoskeleton 1 0.998209582
1.220232372 1.141030955 1.216566605 1 1.120193765 1.137052698

1.068157645	1.041010332	1	0.989714045	0.924836777	1.005686065	1	
0.888476565	0.501045941	0.506561225	0.92758013		0.525562929		
0.4155589	0.475077565	1	1.054849948	0.9792647	1.116451731		
1.150541355	1	1.23313868	1.658660258	1.159924046	1.625212714		
1.162802443	1	1.178284644	1.062492627	1.367174613	1.286637484		
1.415603279	0.958808305						
YDR498C	"YDR498C::SEC20::membrane glycoprotein, sorted by HDEL retrieval system"	1	0.864613692	0.899533344	0.793690853	0.879260175	1
0.816022315	0.873455715	1.035467233	0.841707686	1	0.751919352		
0.796763812	0.843735689	0.848675072	1	0.879771354	0.413440426		
1.040128037	1.173393942	1	1.037845243	1.572133472	1.168610802		
1.105808121	1	1.179937977	1.130617549	1.545746186	1.173278741		
1.351543841	1	0.963848179		0.860160681	0.786407317	1.002863972	1
1.070901435	0.850718815	1.085974843	1.142723911	0.936966977	0.759165994		
YDR500C	YDR500C::RPL37B::Homology to rat L37	1	0.8070097				
1.252572765	0.651670341	1.553180625	1	0.849367465	0.922508092		
1.289626644	1.152475688	1	0.715670579	0.754478561	0.917246892		
0.8279957	1	0.610382317	0.232939435	0.241269962	0.626999887	1	
1.319393585	1.173770443	0.686542714	0.830544833	1	0.92240223		
0.898271735	0.88224155	1.008242708	1.229773906	1	1.102397828		
1.958486539	1.002826586	0.904763561	2.031152265	1	0.928409979		
1.204122599	0.956240936	2.014846559	0.969150538	1.232878585			
YDR502C	YDR502C::SAM2::methionine biosynthesis regulation	1					
1.24728522	1.028079163	0.841046836	0.651721545	1	1.131378014		
1.108696573	0.586136633	0.580249689	1	0.879924424	0.931240482		
0.660070697	0.334331515	1	1.33606012	1.018479677	1.075228031	1	
1.288191921	0.547689689	0.625149483	1.116213022	1	0.771104535		
0.425916623	0.845065077	1.814661607	0.997844759	1	0.711528706		
0.432834686	0.187575812	0.923590001	1.166176229	1	0.76317725		
0.382758033	0.975345928	1.017174486	0.747492949	1.015723811			
YDR504C	YDR504C::YDR504C::molecular_function unknown	1	2.078548721				
1.738944118	1.398506026	1.959091669	1	1.547746427	1.284448253		
1.880872173	1.698009446	1	1.389513966	1.423564946	2.489149239		
1.286055763	1	1.967203133	2.600332783	2.291666303	2.929369643	1	
1.197480009	2.974968711	1.786939465	1.167521222	1	0.87158405		
1.005231799	1.021166494	0.829937594	0.768862497	1	0.997697874		
1.196130204	0.934886137	0.801851746	1.203931755	1	1.282686674		
1.584848737	1.133391196	1.855352338	1.95420247	1.392242189			
YDR506C	YDR506C::YDR506C::molecular_function unknown	1	0.861592637				
0.9755527	1.129279499	0.672816056	1	0.95081385	1.075050289		
1.149198821	0.801844326	1	1.170349717	1.266247288	0.518747001		
1.204286756	1	1.084783662	0.661909392	1.13776565	1.239743618	1	
1.314731971	1.584831777	1.816064962	0.785928743	1	0.956112659		
1.142925176	1.033319174		0.926766039	1	0.951985421	1.048211419	
1.259302543	1.725400069	0.472947921	1	0.946572836	0.839853066		
1.169625896	0.658792148	0.766925629	1.14969428				
YDR508C	YDR508C::GNP1::high-affinity glutamine permease	1	0.906367314				
0.762090524	0.88039589	0.554064677	1	1.01276532	0.978998696		
0.643306696	0.605102455	1	0.800793998	0.685981264	0.553221808		
0.65931556	1	0.865396566	0.767644465	0.894771165	0.641985448	1	
0.515880574	0.494187457	0.436811429	0.515415032	1	0.651518748		
0.653222109	0.760605982	1.087761535	0.838361873	1	0.616149974		
0.491419628	0.505301221		0.439184883	1	0.545909844	0.414304365	
0.99926309	0.5916934	0.508755061	0.729394796				
YDR522C	YDR522C::SPS2::Middle/late gene of meiosis						
0.962723708			0.900673232		0.96209431		
0.978989	1	0.962798387	0.804226592	1.529912362	1.408803687	1	

0.94369617 2.731355672 2.347932776 0.834562981 1 0.852889482
 0.846099058 0.800856633 0.923345599 0.811823237 1 0.960197712
 0.85848404 1.139932047 1 0.737942377 0.96785333 0.959223196
 1.034198629 0.957234109 1.253017939
 YDR524C YDR524C::AGE1::ADP-ribosylation factor (ARF) GTPase activating
 protein (GAP) effector 1 0.733306765 0.780951283 0.882253576 0.780526731 1
 0.837766386 0.797840595 0.784545374 0.745593552 1 0.673202779
 0.642315451 0.604231637 0.7165085 1 0.669092868 0.517613939
 0.872608996 0.879910788 1 0.614483104 1.103029424 0.941821808
 0.585185527 1 0.8138433 0.761579711 0.729884723 0.95744696
 0.86307234 1 0.73667193 0.614281849 0.529563567 0.762669433
 0.543387005 1 0.82044936 0.621548672 0.879631678 0.764661031
 0.799531182 0.801195979
 YDR526C YDR526C::YDR526C::molecular_function unknown 1 1.751742714
 1.655943572 2.665924275 1.728957996 1 1.907810005 1.80190837
 2.093043295 1.847851265 1 1.485755784 1.79746474 1.598302746
 1.947999301 1.011688304
 0.845674397 0.98298823 0.992824367 1
 1.379493719 1 1.031608284 1.185513347
 0.974801599 1.021853256
 YDR528W YDR528W::HLR1::LRE1 homolog 1 0.820172829 1.06463289
 1.161214343 1.18768875 1 1.065620408 1.042644647 1.246298339
 1.199936243 1 0.560075706 0.620293607 0.821014699 1.070257223 1
 0.549498069 1.906900852 1 0.332948051 0.471937549
 0.735103362 0.962978667 1 0.749343936 0.803636301 0.82511406
 0.714585003 1.047125695 1 0.794744722 1.028781469 0.779228628
 1.088917482 0.842608705 1 0.971850194 1.033419673 1.104521826
 1.232662304 1.137100559 0.57440936
 YDR530C "YDR530C::APA2::5',5'''-P-1,P-4-tetraphosphate phosphorylase II" 1
 1.343800937 1.390601828 1.430376481 1.526740387 1 1.417035811
 1.292096544 1.505575696 1 1.269065441 1.613279768 1.421700005
 1.446491991 1 1.408443632
 1 1.004021256 0.995077957 1.352370275 1.343121789 1
 1.058859561 1.398925349 1.281947233 1 0.905042517 0.538848816
 1.071242368 1.1142266
 YDR532C YDR532C::KRE28::Killer toxin REsistant 1 0.872470749
 0.855151363 0.988623161 0.886286372 1 0.893016248 1.016778749
 0.940937306 0.842991681 1 0.822161583 0.883791543 0.806960551
 0.938485236 1 0.907128808 0.775193084 0.917876743 1.06132064
 0.523875136 0.788344376 0.52580921 0.488123167 1 0.968708198
 1.084616444 1.003400317 1.030792823 1.15851571 1 0.835213284
 0.584068592 0.626451191 0.591665068 1 1.191914891 0.835757469
 1.018833204 1.049582595 1.34716466 0.782807851
 YEL001c YEL001c::YEL001C::molecular_function unknown 1 1.512287181
 1.314792363 1.12765291 1.500310624 1 1.189629099 1.112217648
 1.242797143 1 1.048061323 1.097022538 1.170527984 1.132937985 1
 1.170219387 0.866414479 1.101928016 1 0.878151974 0.645941179
 1 1.529131806 1.34065804 1.477004092 1.337655714 1.299847488 1
 1.396336325 1.610354319 1.591285365 0.993473376 0.845680284 1
 1.009482051 1.197017206 1.347741466 0.770238514 1.214490457
 YEL003w "YEL003w::GIM4::Prefoldin subunit 2; putative homolog of subunit 2
 of bovine prefoldin, a chaperone comprised of six subunits" 0.882832788
 1.040879623 0.764811881 1.375451417 0.756705 0.674406573
 1.105033309 1.087864854 0.740258075 0.859923946 1.353199419
 0.924165622 1 1.095455151 0.532722989 0.807654164 1.269231843 1
 1.31914285 2.10439884 1.845006059 0.759120855 1 0.729211916
 0.875650332 0.555578414 0.507255991 0.913188529 1 1.287309025

1.915107124 1.651739025 1.555011582 2.284868465 1 1.645804496
2.034870014 1.15857357 2.478105323 1.868982117 1.809039171
YEL005c YEL005c::VAB2::Vac8p binding protein of 31 kDa 1 0.918915015
1.174344765 0.93316557 1.555278448 1 1.053716153 0.953485371
1.101341162 1.161400413 1 0.895727748 1.139163641 1.527491121
1.277498065 1 1.643377278 1.643419499 2.17495513 2.428383231
0.36554845 0.655276362 0.768117632 1 0.944000921 1.294420712
0.863080539 0.748443491 1.075801388 1 1.055021797 1.474719081
1.395324633 1.17204227 1.471863274 1 1.323622146 1.356675878
0.90362688 1.490405643 1.160450267 1.140938049
YEL007w YEL007w::TOS9::molecular_function unknown 1 0.822596098
0.837062009 0.776952445 0.654027923 1 0.893330776 0.978406904
0.579855692 0.515171014 1 1.066295308 1.134496425 0.919044351
0.767187648 1 1.354173571 1.143322141 1.924957611 1.459261441 1
0.724811812 1.029505624 1.124927994 0.955052753 1 1.091157856
0.994293349 1.371605972 1.068302543 1 1.406568961 1.614359706
1.589986412 1.297037621 1.398960769 1 1.079133068 1.21513178
0.713994863 1.114514665 0.637654191
YEL007w YEL007w::TOS9::molecular_function unknown
1 1.13606787 1.031641266
1.182919069 1.085786062 1.09314552 1 0.781564617 0.660147459
1.088309921 0.658234901 0.569996595 1 0.809947828 0.804998011
0.930267088 0.995101582 0.800102743 0.797693476
YEL009c YEL009c::GCN4::transcriptional activator of amino acid biosynthetic
genes 1 1.259678195 0.903751295 0.844582615 1.156411026 1 0.979760897
0.920352662 0.825757109 1.115742609 1 0.974589115 0.676660987
0.707135529 1 0.974735441 0.760015187 0.981340439 1.369740472 1
0.596651904 0.841016853 0.740827707 0.850479089 1 1.451054221
0.892851398 1.431114029 1.307616431 1.121086442 1 0.835415412
0.877682786 1.114233163 0.581140398 0.975082431 1 0.991275711
1.115822679 1.079012996 1.471529748 1.100623432 1.485058286
YEL011w YEL011w::GLC3::Glycogen branching enzyme 1 1.206726649
1.493357725 1.186842216 0.837126803 1 1.651494203 1.863367916
0.712963997 1 1.632105195 1.933809391 2.534299011 0.855098771 1
4.764974272 3.101314334 4.267266569 1.960290521 1 2.721871324
1.484518641 1.990608648 1.028852117 1 1.404877653 1.675154457
1.557295551 0.972362719 1.120521016 1 1.113064316 0.7988485
2.568696964 1.083271418 0.916811075 1 1.582567275 0.959486508
1.283295763 1.026247889 2.51459531 0.792439695
YEL024w "YEL024w::RIP1::oxidizes ubiquinol at center P in the protonmotive Q
cycle mechanism, transferring one electron to cytochrome c1 and generating a
low-potential ubisemiquinone anion which reduces the low-potential cytochrome b-
566 heme group" 1 1.214188537 1.170768509 0.976515799 1.005522314 1
1.471517271 1.190623079 0.816304086 1.113265183 1 0.859641499
0.887264615 1.120752765 0.618655201 1 1.303561893 0.806737153
1.370055925 1.447256742 1 1.105167605 0.528270494 1.206202063
1.256782918 1 0.504769009 0.259107924 0.379013582 0.890203292
0.903889463 1 0.293626936 0.09262303 0.147187233 0.241831436
0.514205988 1 0.458585204 0.189918389 0.585979126 1.296199811
1.655323465 0.875624
YEL026w "YEL026w::SNU13::part of small (ribosomal) subunit (SSU)
processosome (contains U3 snoRNA); RNA binding protein (putative), similar to
Nhp2p" 1 1.624781889 1.533094981 0.702374686 1.943717772 1
1.097798277 0.995931264 1.238965287 1 1.038318083 0.583417965
0.72107751 0.945259355 1 0.437183217 0.131228591 0.138980328
0.563918346 1 0.749872509 0.60747599 0.257158894 0.53918372 1

1.041451417	0.62713642	0.415596816	0.691235115	0.722157851	1
0.813092041	1.024888729	0.538599773	0.501893309	1.689465796	1
0.815067943	0.762814241	0.645877218	2.138278067	0.555991953	1.267903512
YEL028w	YEL028w::YEL028W::molecular_function unknown		1		1.955347511
1.874389549	1.893903218	1.86324044	1	1.973423142	1.801261754
1.853929744	1	1.734209775	1.624844437	1.734513886	1.644528849
1.034956181			0.480800957		1
1.169607986	0.933801202	0.873409145	1.089313368	1.057359153	1
0.813569584	0.68911956	0.918173975	0.677164779	0.653870072	1
0.928372703	0.805417011	0.818883546	0.952123271	0.840620631	0.934290836
YEL030w	YEL030w::ECM10::ExtraCellular Mutant		1		0.807204609
1.125251954	0.659583726	1	1.102480709	1.221815091	0.651406279
0.888826829	1	1.071038568	0.945062518	0.728375853	0.686382879
1.349582756	2.143218029	1.673578232	0.994800452	1	0.987405952
0.567776522	0.955955719	1	1.170741267	0.940502301	1.213866246
1.069420576	1.241309359	1	1.267131602	0.676966856	0.8463802
0.606924285	0.438571623	1	1.368049047	0.816573348	0.927382531
0.929860021	1.007147797	0.682111082			
YLR091W	YLR091W::YLR091W::molecular_function unknown		1		0.967300836
0.902600694	0.892066202	0.816026543	1	0.97754113	1.067838918
0.93924166	1.010111926	1	0.95029984	0.737797101	0.733606594
0.962862752	1.084284104	0.61020895	0.800474083		
0.458681791	0.552400172	0.562155472	0.414198067	1	1.156478133
0.988706003	1.089272811	1.036339737	1	0.820506231	0.545136834
0.700619674	0.760546988	0.433683423	1.243085923	1.084233466	
1.125063585	1.174615417	1.011728957	0.732897299		
YLR105c	YLR105c::SEN2::tRNA splicing endonuclease subunit		1		
0.802445767	0.934175651	0.830936043	1.028857884	1	0.866225535
0.759129715	1.073534758	1	0.755389125	0.737234864	0.745887385
0.974684178	1	0.948992523	0.862503914	0.792514393	1.353444944
1.082784297	1.664077369	1.687710163	1.424783121	1	1.016138832
0.972208872	0.806122023	0.91424451	1.098358589	1	0.875792189
0.970729327	1.074212168	0.981519478	1.143681466	1	0.93132008
1.113614957	1.07679347	1.305720886	1.083363219	1.150569945	
YLR107W	YLR107W::REX3::RNA EXonuclease; member of 3'->5' exonuclease family.				
See Moser et al. 1997 Nucleic acids Res. 25:5110-5118	1				0.999916509
1.042468725	0.942260922	1.341874459	1	0.945003687	0.786922564
1.302864355	1.313157934	1	0.712688888	0.737553898	0.922155062
1.100303329	1	0.755535895	0.551006642	0.834422922	1.236462005
1.307818772	2.049160869	1.759608724	1.075574409	1	1.173480346
1.074894322	1.070561085	1.171126777	1.20966169	1	0.882520748
1.01473297	1.015116125	0.921236059	0.927602025	1	1.213335254
1.521625861	1.149155053	1.764951729	1.452134251	1.384361518	
YLR109W	YLR109W::AHP1::thioredoxin peroxidase		1		0.95675643
1.489967461	0.620070684	0.993672436	1		1.028600315
1.608076845	2.316969102	3.346221047	0.532064485	1	1.181810083
1.897743398	2.691861405	2.140877663	1	2.474645978	6.586632696
6.438375226	2.575479627	1	1.84923281	3.000520197	2.560727584
1.007651598	0.653913179	1	1.997216464	4.350989321	3.025247533
1.810317276	1.268930277	1	1.514751974	2.658774541	2.285595425
0.71204924	1.157671213	2.119885707			
YLR111W	YLR111W::YLR111W::molecular_function unknown				1.04043755
1.054349634	1.171984698			1.065562378	
1.040793557	0.989775405	0.94668237	1		1
	1	1.026486468	0.878670137	0.890499455	0.921224321
0.971726443	1	0.678638818	0.855918925	0.643505662	0.87482762

0.814133698 1 1.089624005 0.948340591 1.319710454 0.966453994
0.72238979

YLR113w YLR113w::HOG1::Osmoregulation. Hog1p is activated under stress
conditions when the cAMP cellular content is low. 1 0.793015605
0.793969006 0.818093064 0.484304113 1 0.989279118 0.92902773
0.658332641 0.737504947 1 0.763507584 0.754893813 0.772756857
0.656530164 1 1.123898879 0.995433226 1.299225056 0.983243211 1
0.776878819 0.743761899 1.15821999 0.934284766 1 1.014967289
0.848482335 1.228244137 0.998180347 1.300619803 1 0.852498803
0.533763499 0.857788968 0.703515611 0.318928944 0.98060616
0.670512808 1.0531179 0.940308922 0.822323872 0.671603625

YLR115W "YLR115W::CFT2::cleaves pre-mRNAs prior to polyadenylation;
homologous to both the 73- and 100-kDa subunits of mammalian cleavage and
polyadenylation specificity factor (CPSF), as well as to YSH1/BRR5" 1
0.677282957 0.711618857 1.076334825 0.754029203 1 0.892854037
1.109744949 0.757141808 0.648875403 1 0.853875796 0.84784322
0.484584801 0.948659302 1 0.900332571 0.839341003 0.880332235
0.542501811 0.70335976 0.483405245 0.504430161 1 1.200029187
1.122643611 1.02203692 0.956744029 1.152681225 1 1.391527361
0.80042962 1.103109203 0.905888384 0.448804728 1 0.932018657
0.764481612 0.748992181 0.857708258 1.026231372

YLR129w YLR129w::DIP2::part of small (ribosomal) subunit (SSU) processosome
(contains U3 snoRNA); DOM34 Interacting Protein 1 0.630612305 0.544899089
0.788877104 0.633838124 1 0.760691215 0.656301425 0.724760907
0.727388011 1 0.405347851 0.356845432 0.206960585 0.879432856 1
0.181347306 0.152793898 0.223239582 1 0.291233408 0.24732276
0.333003237 0.673486514 1 0.900629266 0.73937386 1.130532697
1.008398186 1.228519286 1 0.774571891 0.483843351 0.628511461
0.925082753 0.494671604 1 0.529872458 0.537405957 0.861145776
0.384493417 0.962310756

YLR131c YLR131c::ACE2::involved in transcriptional regulation of CUP1 1
0.804085119 0.953259973 0.96370954 1 1.110860613 1.184519284
0.642999369 1 0.919413007 0.970470787 0.791130122 0.749089163 1
1.074609981 0.875639202 0.688888788 1 0.758814319 1.01180545
1 1.053062158 0.911782726 0.894015179 0.969883672 0.91541766 1
0.798348543 0.678600568 0.595491963 0.769888721 0.967027254 1
0.66430325 0.887967965 0.921228845 1.088400659

YLR133w YLR133w::CKI1::choline kinase 1 0.759242107 0.894146551
1.019685643 0.878116059 1 1.084092328 1.027611766 0.718931951
0.771820202 1 0.937111242 1.097019894 0.493261569 0.798724133 1
1.446999691 0.973120243 1.117107817 0.796798261 1 0.982431574
0.700197127 0.701953844 0.771366472 1 1.1238739 1.512135814
1.117814029 1.012793721 0.839054712 1 1.172502303 1.076792935
1.237987499 1.173829436 0.635048513 1 1.401505862 0.865973099
1.039457829 0.739102116 0.732021686

YEL032w YEL032w::MCM3::Member of complex that acts at ARS's to initiate
replication 1 1.201253559 1.01588466 1.400106305 0.877899475 1
1.269536354 1.318482699 0.812187807 1 1.027245349 1.126520021
0.599598572 0.988521125 1 0.628039534 0.777647107 1
0.567775445 1 1.193030353 1.146833299 1.440341561
1.761783124 1.207045869 1 0.917668669 0.859632152 0.929146163
0.789068422 0.558159661 1 0.892747222 1.160849823 0.786100037
1.082947005 0.790211359 0.772300393

YEL034w YEL034w::HYP2::Translation initiation factor eIF-5A 1
1.762388736 1.541886549 1.115503749 1.763272366 1 1.335793811
1.186202375 1.297430617 1.502498581 1 1.088726057 0.977245801
1.510377502 0.912927087 1 0.872851061 0.781014674 1.030507966

1.445484233 1 0.51542492 0.518790011 0.633858357 0.599276348 1
0.748521109 0.531609669 0.572417031 1.024418196 0.801267441 1
0.706517813 0.447640516 0.325580038 0.355972487 0.572736255 1
1.038525835 0.459614805 0.454342617 1.625631493 0.835275966 1.125176811
YEL048c YEL048c::YEL048C::molecular_function unknown 1 1.17240453
0.790115699 1.119922076 1.492452225 1 0.994548395 0.961056235
0.95200934 1.322621587 1 0.606876156 0.558551619 0.542508127
1.075272898 1 0.394363485 0.476164207 1 0.519823325
0.481667411 1 0.946515975 0.978003924 1.016497701 1.21884006
1.091813287 1 0.572090559 0.780959226 0.592678305 0.693760514
0.738101553 1 0.832646821 0.923327625 1.384306323 0.739413368
0.73902664
YEL050c YEL050c::RML2::mitochondrial ribosomal protein L2 of the large
subunit 1 0.920490157 1.066567157 1.167948933 1.018506937 1
1.112543994 1.180377939 1.253300022 1.298072361 1 0.993945625
0.990611506 1.049534452 0.990065893 1.247483712
1.384926051 1 1.18032051 0.969287546 1 0.986845683
0.98684337 0.945659192 0.969533695 0.899125059 1 0.889307221
0.831485648 0.779597036 0.674611551 0.821677757 1 1.121584531
0.730966547 1.289076631 1.275015393 0.827464674
YEL052w YEL052w::AFG1::ATPase family gene 1 1.029525535 0.931948973
1.015486711 0.823777722 1 0.980026834 1.084492037 0.901614164
0.87508636 1 1.314786377 1.007648176 0.877295011 0.80289491 1
1.937815268 1.225567711 1.795598176 1.409304768 1 1.424683769
1.298130241 1.239668719 0.752052522 1 1.038231154 1.043795665
1.035565748 1.028698097 1.086140955 1 1.143490824 0.962121704
1.079929077 0.775934449 0.623942115 1 1.018201922 0.73926113
0.716187654 0.812534566 0.844299984 1.003465128
YEL054c YEL054c::RPL12A::Homology to rat L12(a) and E. coli L11 1
1.492199455 1.33700673 0.869423737 1.872310689 1 1.078969529
1.034746777 1.245080544 1.390133051 1 0.92175374 0.826192109
0.753732717 0.955871163 1 0.864333181 0.359987151 0.248954615
1.014630055 1 1.226289915 0.673410612 0.554103428 0.809926639 1
1.288229089 1.185772363 0.932898136 1.193991191 1.312907124 1
1.233451383 1.435002924 0.874718555 0.567282201 1.128142386 1
1.304458508 1.433403037 2.039721961 0.932634286 1.457038366
YEL056w "YEL056w::HAT2::subunit of histone acetyltransferase; may regulate
activity of Hat1p, the catalytic subunit of histone acetyltransferase" 1
0.962781731 1.002052677 1.104889914 1.151883526 1 1.008840658
0.994144885 1.027795491 1 0.973095372 0.931678363 0.741458233
0.876033963 1 1.452742004 1.022721832 0.912348452 0.806153849 1
1.026666443 0.65371179 0.622454351 0.619271349 1 0.973023681
0.982195312 0.958345079 0.970014314 1 1.132376781 0.965342341
1.070336001 0.938782177 0.856831431 1 0.829749979 0.784018981
0.877363927 0.702379505 0.93253961
YEL058w YEL058w::PCM1::Phosphoacetylglucosamine Mutase 1 1.079244486
0.94565732 1.091661797 0.800939276 1 1.085161584 1.195424395
1.166517574 1 1.11918672 1.045609764 0.833937162 1.004650927 1
1.439115625 0.876051953 1.068787017 1.11193752 1 1.072949782
0.713746728 0.729361979 0.769584898 1 1.265493473 1.127553181
1.701249948 1.254670288 0.98921606 1 1.125492433 1.006561724
1.547387351 0.98932582 0.676864641 1 1.166706116 1.083870752
2.056855589 0.939684234 0.78378235 0.596299939
YEL072w YEL072w::RMD6::Required for Meiotic nuclear Division
1.019505647 1.094404127 0.853145411 0.928062626 0.957685858
0.839163846 0.988742721 1.07060123 1.233298031 0.990943956
0.929060562 1 0.721535382 0.838577959 0.664447407 1.386960094

0.37136928	0.608311169	0.626367238	0.388106831	1	0.924277438		
0.528302559	0.773079507	1.085476676	1	0.775607291	0.698780564		
1.109779574	1.653616585	1	1.089231674	0.562218159	1.370948274		
0.667687431	1.446547475	1.531466335					
YEL074w	YEL074w::YEL074W::molecular_function	unknown	1	1.267610822			
1.010577654	1.021659132	0.875942651	1	1.215857716	1.217501664		
0.935878869	0.782563312	1	1.275465225	0.964217858	1.11816248		
0.720348713	0.517478091	0.399834485	0.434666039	0.358953049	1		
0.82965258	1.2536117	0.845525231	1	1.010680101	1.082038193		
1.168823811	1.037927476	0.976796544	1	0.685818796	0.607452689		
0.770682912	0.783843168	0.712151798	1	0.631373627	0.674235126		
0.895163055	0.814175487	0.767181562	1.189972988				
YLR135W	YLR135W::SLX4	1	1.034512012	1.118445827	1.096874112		
1.43051358	1	0.988370977	1.194712579	1.226708607	1		
0.90344816	1.077225072	0.971200375	1.353847159	1	1.145744647		
0.672046768	0.846775036	0.931084226	1	0.995994975	1.224624881		
1.155624528	0.759768301	1	0.907350224	0.882741259	0.798543037		
0.96409644	1	0.925369684	0.972521876	0.863911381	1.053452133		
1.132258137	1	1.094453541	1.177064572	1.191665931	1.275606307		
1.276926734	1.129554927						
YLR137W	YLR137W::YLR137W::molecular_function	unknown	1	1.080778604			
1.150008381	0.95600793	1.004192081	1	1.069624571	1.120429361		
1.08608768	1.228631431	1	1.625135305	1.445019802	1.859873767		
0.985265168	1	1.128411939	0.911192734	1.557361809	1.246697373	1	
1.43379834	1.640578962	2.128240008	1.064204415	1	1.249139257		
1.047919481	0.920849122	0.750796035	0.992752853	1	1.087583789		
0.750932629	0.811992943	0.659451494	1.076140569	1	0.859294773		
0.704674892	0.723967625	1.006402696	1.408878988				
YLR139c	"YLR139c::SLS1::Protein involved in mitochondrial gene expression, may facilitate translation by delivering mRNAs to membrane-bound translational activation complexes"	1	0.934900949	0.899965443	0.777948848	0.681894124	1
0.973140419	1.250109386	0.662976748	0.638665618	1	1.072460286		
0.956005033	0.961526892	0.615039103	1	0.704082527	0.710447539		
1.00776735	0.830737707	1	0.57334534	1.410996527	0.66523954		
0.440630002	1	1.040037472	1.03548049	0.791005668	1.030341301		
0.774719004	1	0.626881997	0.616731049	0.567180313	0.735333878	1	
0.753979193	0.732665536	0.882659438	1.20003437	0.609434286			
YLR153c	YLR153c::ACS2::one of 2 acetyl-coA synthetases in yeast	1					
0.962675633	0.611573595	1.027867167	0.579850037	1	1.280302652		
1.250846919	0.525289239	0.633096914	1	0.825504304	0.734249822		
0.394986729	0.624704557	1	0.951543248	0.83569631	1.133182773		
0.596381288	1	0.476034334	0.279388084	0.36316788	0.547443254	1	
0.753287217	0.565439687	0.857843557	1.056823735	0.747964552	1		
0.638908408	0.438641867	0.557472806	0.667878454	0.520190367	1		
0.581630035	0.438340815	0.883289266	0.594868593	0.64530842	0.592797436		
YLR155C	YLR155C::ASP3-1::nitrogen catabolite-regulated cell-wall L-asparaginase II	1	1.33861877	1.352838996	1.021413305	1.493922401	1
1.115617078	1.125684457	1.326294716	1.393028605	1	1.424217195		
1.510319968	1.749165633	1.182442315	1	1.131500356	0.816486132		
0.896310108	1.33759496	1	2.019232613	2.35000365	1.928267273		
1.611458568	1	1.236927819	1.289843189	1.075352421	1.084598046		
1.018458024	1	0.964066262	1.530910465	1.443878944	1.031894465		
1.480636875	1	1.113399264	1.337251012	0.987101217	1.595168463		
1.092971998	1.385237183						
YLR157C	YLR157C::ASP3-2::nitrogen catabolite-regulated cell-wall L-asparaginase II	1	1.195264014	1.158443395	0.851514283	1.287331323	1
0.983665935	0.972631589	1.129288763	1.160261176	1	1.206391196		

1.21409644	1.525007671	0.985023644	1	1.206455966	0.987005394
0.98505417	1.34600482	1	1.618154691	2.124622381	2.196164299
1.24383216	1	1.234318264	1.232558699	1.223966402	1.191799779
1.018956589	1	1.086865991	1.44067844	1.504048294	0.999079961
1.381437795	1	1.040590244	1.167626225	0.930877454	1.364894067
0.955466179	1.338829134				
YLR159W	YLR159W::YLR159W::molecular_function	unknown	1	1.18015368	
1.098321383	1.346645849	0.973369387	1	1.241376455	1.221892646
1.31898273	1.508496558	1	1.280762214	1.636119385	1.155680681
0.629786164	0.493459882	1.449474781	0.720073631	1	0.478302285
1.000988207	0.266983829	0.369503829	1	0.984318565	0.99496022
1.044173981	0.970307643	1	0.805024596	0.759315178	0.951978123
1.09427269	1.074364927	1	0.874917931	0.872639824	1.090315834
1.210168045	1.12247555	0.922032049			
YLR161W	YLR161W::YLR161W::molecular_function	unknown	1	1.097570195	
0.992451755	1.275796794	1	1.138919712	1.08046407	1.057421265
1.326661869	1	1.121482423	1.30113261	1.294110125	1.076979368
0.556568159	0.52039999	1.045780635	0.510235918	1	0.673618017
1.515170443	0.557294001	0.405032377	1	1.04976002	1.026400554
0.943419868	1.045833969	1.058855637	1	0.878635196	0.804052535
0.911889245	1.165276453	1.228044177	1	0.883761926	0.996362286
0.949998421	1.167932793	1.185132168	0.92991272		
YLR163C	YLR163C::MAS1::mitochondrial	processing protease subunit			
0.913614934	0.895110963	1.189707356	0.905546337	0.937103459	
1.171973629	1.052034159	1.102733122	1.001880156	0.961464731	
0.899795798	0.985841893	1	1.574474905	1.354415347	1.414965655
1.040273447	1	1.052246528	0.726532384	0.590723148	0.970117807
1.44166583	1.534478757	1.257099385	1.168501937	1.08274214	1
1.453039129	1.256233138	1.168843004	0.836607315	0.889080577	1
1.269268777	1.230024187	0.953979239	0.841387876	1.018903542	1.034111939
YKR062W	YKR062W::TFA2::Small subunit of TFIIE	transcription factor	1		
0.945322286	1.02487581	1.09154939	1.260306889	1	0.941849837
0.967263837	1.141212154	1.079779037	1	0.91949566	1.045464774
1.005303677	1.064214503	1	1.177807222	0.720174408	0.857020341
1.046387737	1	1.367015111	0.879313635	1.102517828	1.029520731
1.017504675	1.105163611	1.034804173	1.071529713	1.151107555	1
1.308699218	1.314883933	0.789650783	0.917844334	1.163105007	1
1.324624825	1.130075341	0.982716825	1.402668534	0.953007712	1.080519988
YEL076c	YEL076c::YEL076C::molecular_function	unknown	1	0.899794695	
0.608387731	1.059191176	0.38265944	1	1.076217447	1.046962044
0.573713131	0.454098348	1	0.994184106	0.801871333	0.271989181
0.844906169	1.816757652	1.892139865	1.608479475	1.118118119	
	1	0.896751201	0.816526739	1.137645213	1.141631541
0.995874251	1	0.61280554	0.369859871	0.727037801	0.872460119
0.26220802	1	0.445381549	0.878398164	0.524612378	0.659436001
0.555145619					
YER001w	"YER001w::MNN1::Adds the terminal mannose to the outer chain	branches of N-linked mannan, masking mannosylphosphate."	1	0.687146736	
0.606989011	0.947765494	0.741907266	1	0.756949987	0.801310907
0.879819481	0.81372478	1	0.657227586	0.558629375	0.339303857
1.461674274	1	0.712240063	1	0.552086179	
0.251901522	0.272453868	0.726252224	1	0.739970075	0.667426461
0.986280187	1.135574248	1.177301492	1	0.808258151	0.560217617
0.511100215	0.569525907	0.449564801	1	0.570090183	1.059599977
0.778825887	0.671448998	0.908897701			
YER003c	YER003c::PMI40::catalyzes the	interconversion of fructose-6-P and			
mannose-6-P	1	0.97264023	0.804952554	0.835366407	0.742291048

1.039384687	1.019163494	0.779880502	0.818458816	1	0.796399865
0.720441364	0.641760931	0.997290514	1	1.279969339	0.756643845
0.783821603	1.120528988	1	0.700570021	0.333333259	0.239204688
0.887560206	1	0.905348293	0.608452296	0.657551575	1.140162942
1.034373029	1	0.920448051	0.52925671	0.355912462	0.484767438
0.527502175	1	0.773815963	0.437444516	0.611036007	0.763371894
0.758431979	0.737275415				
YER005w	YER005w::YND1::Yeast Nucleoside Diphosphatase	1	1.32081563		
0.871863815	1.260415811	0.913980165	1	1.243523951	1.332250206
1.00554049	1.038200624	1	1.084006833	1.020456394	0.798412836
1.197240426	1	0.998235039		0.627712455	0.807931905
	1	0.942837919	1.04941742	1.141074022	0.974858891
0.937274855	0.764881173	0.637004005	0.784530102	1	0.84837926
0.710919159	0.877264786	0.770790765	0.63542983	0.656718	
YER020w	YER020w::GPA2::homologous to mammalian G proteins; potential role in regulation of cAMP levels	1	0.716747679	0.987174809	0.877282292
0.696409698	1	0.982752284	1.106011701	0.946144707	0.874686859
1.24343063	1.513462004	1.443919208	1.122950442	1	1.822656502
1.063764762	1.585840454	1.483128508	1	2.319344656	2.162943348
1.72627437	1.346131447	1	1.40882914	1.588841243	1.755297829
1.294909544	1	1.06924301	1.18278269	1.297705412	1.01345594
0.896709927	1	1.132867147		1.221880332	1.352560125
0.741653531					
YER022w	YER022w::SRB4::subunit of RNA polymerase II holoenzyme/mediator complex	1	0.662052586	0.860549676	0.987172798
0.916942242	0.958545499	0.877615528	0.904747734	1	0.830261147
0.897940405	0.919697788	1.007953335	1	0.902404064	0.670688946
0.792552377	0.977872899	1	1.137776525	1.747573211	1.689173621
1.025339827	1	1.066801682	1.197989069	1.183256917	1.078863791
1.307862561	1	1.042555195	0.732852826	1.326857519	0.796785121
0.720695023	1	1.185513523	0.976341292	0.9561158	0.925669639
0.782751178	2.126015049				
YER024w	"YER024w::YAT2::The Yat2p protein shows significant homology with the known carnitine acetyltransferase associated with the outer-mitochondrial membrane, Yat1p, and also functions as a carnitine acetyltransferase."	1			
1.164947181	1.096809796		0.972622387	1	1.105436056
0.936047121	0.950668236	1	1.568696973	1.226791514	0.866301488
0.883344765	1	0.781678851	0.716810639	0.975480746	0.787636541
0.391160107	0.680995401	0.478559103	0.423982244	1	1.289202005
1.165307526	0.972257754	1.186124183	1.183097743		0.870524396
1.022301808	0.8404303	0.807321678	1.048875322	1	0.911065803
1.080245756	0.856906399	1.259815831	0.935765809	3.586556074	
YER026c	YER026c::CHO1::phosphatidylserine synthase	1	2.333245676		
1.126543592	1.040755497	1.427087713	1	1.281061269	1.134681413
1.121283694	1.149390267	1	1.055509279	1.20525089	1.341316527
0.864238319	1	1.541238921	1.308723032	1.256122303	1.15282708
1.639096594	0.990715498	1.431707082	1.226983232	1	1.344170459
1.516629982	2.169337754	1.348081402	1.132352107	1	0.946651756
1.443548173	1.840251212	1.007523028	0.499173415	1	1.327168589
1.268125939	1.222254177	1.086119412	1.400086572	1.36597339	
YER028c	YER028c::YER028C::molecular_function unknown	1			
1.335097517	0.960030067	1.263182082	1	1.083692428	1.001835249
1.094109395	1.05176203	1	1.093793219	1.264458648	1.612986533
0.942941236		0.526785242	0.52719395	1	1.010472913
1.268646451	1.788536814	1.082303154		0.808012793	0.662688746
0.916365687	0.836725941	0.867882909	1	0.871333684	0.754082853

	1.01643971	1.054788702	0.571893902	1	0.799460828	0.716099741	
	0.795190818	0.616405306	0.727473192	1.534093225			
YKR064W	YKR064W::YKR064W::molecular_function unknown					0.922233979	
	0.95319068	1.053293501	1.028896418		1.027908044	1.019298467	
	0.871035289		0.906635233	0.978388238		0.940808454	
	1.365360379		0.866438363	1		1.038972943	
	0.830837991	0.952615004	0.859787437	1.22066969		1.113799041	1
	1.266932738		0.754086297	1.166462491	0.622020117	1	0.8944445434
	0.661826453	0.737322687	0.65402436			0.746031646	
YKR066C	YKR066C::CCP1::Cytochrome-c peroxidase					1	1.097430385
	1.196338817	0.907075275	0.719281599	1	1.066183018	1.070813702	
	0.999436362	1.107634452	1	1.09065069	0.984126999	1.511358969	
	1.020599658	1	2.376614374	1.40111348	2.912203441	3.18175601	1
	1.143471402	0.698424405	1.032162299	1.388566761	1	0.646808487	
	0.239493398	0.114640285	0.881264414	0.733307124	1	0.337958224	
	0.14462395	0.07626047	0.117632939	1.125198394	1	0.497780691	
	0.231127172	0.324217392	1.080699434	1.194840141	1.168082408		
YKR068C	YKR068C::BET3::Hydrophilic protein that acts in conjunction with SNARE proteins in targeting and fusion of ER to Golgi transport vesicles						1
	1.171887932	1.187829435	0.948381033	1.47592778	1	0.973512342	
	0.980057342	1.146913288	1.165275399	1	0.954576853	0.988249702	
	1.420202915	1.016101596	1	1.190462018	0.841757161	0.889705684	
	1.296114882	1	1.608730018	1.170266643	1.585735809	1.103926128	1
	1.196198916	1.405116957	0.99353316	1.235983545	1.265716278	1	
	1.126055406	1.749113314	1.383542023	1.045122562	1.658544695	1	
	1.158733619		0.788028697	1.994868449	1.189936596	2.755588793	
YKR070W	YKR070W::YKR070W::molecular_function unknown					1	1.148990173
	1.046225675	1.202484381	1.147232051	1	1.015948934	1.071317015	
	1.253992849	1.16517477	1	1.280580051	1.249716876	1.113003205	
	1.2818101	1	1.023786863	0.962093273	1.146158774	0.937886654	1
	1.157848191	1.064315169	1.063738813	1.09285946	1	1.212674957	
	1.207181365	1.309943842	1.123881331	1.124584804	1	1.427077654	
	1.215718667	1.24588162	1.270330185	1.049957161	1	1.424804134	
	0.984669799	1.042777721	1.087508245	0.78301956	0.935166396		
YKR072C	YKR072C::SIS2::Involved in cell cycle control and ion homeostasis						1
	1.249457826	1.205633675	1.193038294	0.935321692	1	1.349299521	
	1.428762776	1.034740373	0.949968357	1	1.204822432	1.063283512	
	0.954196638	1.109627877	1	1.119211256			
	1.082435986		0.782736511	1	0.965127403	1.068045032	1.243689404
	1.21956496	1.243267396	1	0.922442571	0.796794046	0.814360984	
	1.427188698	1.029972831	1	0.651066192	0.805827715	0.843359149	
	0.850196192	0.765399215	1.404500872				
YKR086W	YKR086W::PRP16::putative ATP-binding protein					1	1.182318841
	1.429750903	1.439953895	1.262097388	1	1.637480959	1.340379301	
	1.229441504	0.977232423	1	1.291589026	1.335366315	0.883873486	
	1.346081188		2.635787728		1.397601921	1.2473962	1
		0.926432123	1	1.12717719	1.166191343	1.346984582	0.94570938
	1.262820824	1	1.287582134	1.105665399	1.20455549	1.383738771	
	1.008435673	1	0.837530764	0.780134721	0.842361148	0.973892108	
	0.909806619	1.358968488					
YKR088C	YKR088C::YKR088C::molecular_function unknown					1	1.641625418
	1.068901004	1.07279158	1.171525667	1	1.209259988	1.072897313	
	1.05041813	0.97653956	1	1.423237059	1.112745051	0.918301612	
	0.937013065	1	1.352898508	0.784586103	0.813614645	0.721080342	1
	1.097799265	0.971746831	1.064491663	1	1.51537245	1.303494086	
	1.540202377	1.64654607	1.38286075	1	1.457511931	1.516523985	

1.457602702 0.945394953 1.297300588 1 1.215956315 1.00031595
0.697497137 1.239604842 0.780638816 1.788899817
YKR090W YKR090W::PXL1::Paxillin-like protein 1 1 1.177233087
1.293398515 1.177418462 0.963759294 1 1.400825058 1.3850724
1.100827548 0.912269426 1 1.114233363 1.046284002 0.963969545
1.173195606 1 1.001601194 0.9035872 0.76793846 0.479424292 1
0.971213124 1.078710019 0.989109126 0.880355933
0.998974396 1 1.592169844 1.08739903 0.986112811 1.002093341
0.686367044 1 1.09374543 0.981703428 0.88284214 0.960469538
0.968574806 0.707504217
YKR092C YKR092C::SRP40::Suppressor of mutant AC40 subunit of RNA polymerase
I and III (high serine) 1 0.801545273 0.643902279 0.822835066 0.552877198 1
0.770629314 0.733101062 0.646249158 0.813107619 1 0.645968943
0.524944387 0.500733574 0.753938844 1 0.737596929 0.646686311
0.68790931 0.847313711 1 0.667201793 1.128103795 0.763312888
0.390475005 1 0.687851712 0.690511477 1.03220979 0.950508446
0.799339583 1 0.474387605 0.757646615 0.445875724 0.831295538
0.506647371 1 0.718592855 1.008992653 1.007301407 0.628717575
0.579070402
YKR094C YKR094C::RPL40B::Homology to rat L40 1 1.03313511
1.176058167 0.835102873 1.553707735 1 0.955880529 0.893767475
1.395796043 1.262406269 1 0.839301775 0.960643285 0.876800333
0.930889669 1 0.845018533 0.382566123 0.23810471 0.558777907 1
1.78888753 1.331282062 0.842323971 0.879571401 1 0.858959715
0.740184937 0.981327932 1.27047025 1 1.204807135 1.705251643
0.858959738 0.76629714 1.76741138 1 1.378004815 1.453038694
1.00778165 2.263109972 1.156832344 1.112918128
YKR096W YKR096W::YKR096W::molecular_function_unknown 1 1.03621469
1.097092444 1.455756155 1.030137285 1 1.187011382 1.285550729
1.287729412 1.0759259 1 1.148243341 1.342300152 1.253838378
1.280544003 1 1.118933071 3.120900074 2.448251358 0.727941796 1
0.66557797 0.286266824 1 1.187362711 1.181242463 1.034133229
1.222907931 1.197851432 1 0.800412354 0.784959604 0.726199547
0.967519689 0.781055848 1 0.745706712 0.643875788 0.732213271
0.705010305 0.795104551 0.801195979
YLL004w YLL004w::ORC3::Third subunit of the origin recognition complex 1
1.029067199 0.879512834 1.077630698 1.169893674 1 1.106952387
1.064490098 1.164380118 0.964900184 1 0.676937696 0.783884595
0.783077468 1.1088418
1 1.022842112 0.878781814 0.957112653 0.876176614 1.151935059 1
1.028773494 1.293374443 0.697549894 1 1.06556434
0.976629416 1.263347784 0.750930251 1.087524994
YLL006w YLL006w::MMM1::Involved in mechanism by which mitochondrial shape is
established or maintained 1.130321445 1.016964482 1.312703432
0.997569463 1.351009881 1.001684857 0.753327784
1.286409382 1.204739725 0.653228412 1.061224068 1 1.340748844
0.942375932 1.330707598 0.68613791 1 1.257636615
0.619445919 1 1.006235228 0.929914177 0.958021063 1.23764242
1.003904445 1 1.046813145 0.853818598 0.804432777 0.786145302
0.508744881 1 0.938814176 0.782794074 0.832273291 0.741313603
0.824170437 0.971942653
YLL008w YLL008w::DRS1::nucleolar DEAD-box protein required for synthesis of
60S ribosomal subunits 1 0.75770364 0.796268038 0.814611138 1
0.773948291 0.59868977 0.837581572 0.96786828 1 0.496943861
0.28246298 0.260054304 0.874619768 1 0.261340226 0.114427906
1 0.349214864 1 0.64570558 0.469668793
0.551795719 0.861549901 0.714934379 1 0.570651627 0.497024735

0.357720927 0.826135736 0.837895674 1 0.518154832 0.539536393
 0.808390161 0.960792769 0.463738551 0.645334878
 YLL010C YLL010C::PSR1::Plasma membrane Sodium Response 1 1
 0.79262818 0.881325077 0.723728141 0.604717554 1 0.962529697
 0.953581167 0.67862492 0.622397348 1 0.987317579 0.982273761
 0.821311398 0.638479047 1 0.804381653 0.581332328 1.068596925
 0.777820497 1 0.626164348 1.062239243 0.685329867 1
 0.973831071 0.920358143 1.016387697 0.826724273 1 0.937989547
 0.718082851 0.526156105 0.779837849 0.723847703 1 0.862805148
 0.665439416 1.025496459 0.686969179 1.028352056 0.910648927
 YLL012W YLL012W::YLL012W::molecular_function unknown 1 1.11518371
 1.00232605 1.269927438 0.838789236 1 1.136927641 0.966736468
 1.086663765 1.087769902 1 0.738237122 0.82398063 0.768784243
 1.17606956 1.000519744 1
 0.534110142 0.582613848 1.137627123 1.399067825 1.004715554 1
 0.461100732 0.473402024 0.440514162 1.885120412 1.117996373 1
 0.421420772 0.464820618 1.53962001 0.838858486 0.737042185 0.61556368
 YLL014W YLL014W::YLL014W::molecular_function unknown 1 1.556398952
 1.57307726 1.006853863 1.835775735 1 1.094954187 0.971880979
 1.647204743 1.527430419 1 1.145334036 1.228109423 1.745129912
 0.992538349 1 1.289011239 0.956438973 1.100683283 1.310463915 1
 1.255806918 1.818902673 1.444722516 0.970731871 1 0.734940038
 0.814542209 0.478556383 0.975986825 0.729689854 1 0.691739605
 1.212932574 0.721266026 0.843203108 1.191523449 1 0.976008722
 1.139013805 0.670260556 1.546661845 1.205583691 0.865116491
 YLL028W YLL028W::TPO1::Polyamine transport protein 1 0.891176
 0.928036013 1.003199643 0.581222391 1 1.156967697 1.149711869
 0.856993599 0.779472702 1 1.889227284 1.268117981 0.99467041
 0.534458316 1 0.814386628 0.57733979 0.853513838 0.462006307 1
 0.548171469 0.672989674 0.377800647 0.478845874 1 0.847566096
 0.665691761 0.876060919 1.270072618 0.730733009 1 0.664876974
 0.41282592 0.413785848 0.708181717 0.638139598 1 0.651324978
 0.473655212 0.669645265 0.773847992 1.163216996 0.550767503
 YLL030C YLL030C::YLL030C::molecular_function unknown 1.039206206
 0.921352305 0.810586341 0.833091694
 1 0.462320149 0.782226464 0.86624756 1
 0.68381519 0.551241708 1 0.759380763 0.64144898
 0.92483246 0.890723225 1 0.929351262 1.166606573 0.920623854
 0.985151274 0.89306598 0.965531865 1.063628096
 YLL032C YLL032C::YLL032C::molecular_function unknown 1.098308028
 0.925824898 0.850637186 0.916879252
 0.864438153 0.808095786 0.704645281 0.856615375 1 1.303408515
 0.587704062 0.439577923 1 0.706959734 1
 1.135356235 1.195765997 1.002803963 1.180121523 1 0.786309217
 0.808952653 0.56261625 0.931327001 1 1.239745579 0.915333574
 1.059532161 0.945522423 1.047278638 2.042830744
 YLL034C YLL034C::YLL034C::helicase 1 0.941194213 1.006830302
 0.961152851 1.107259228 1 1.085241011 0.863412951 1.211379376
 1.154983624 1 0.729539672 0.634053188 0.959335471 1.074063383 1
 0.706222251 0.556772282 0.474759387 0.85707898 1 1.001658121
 1.005528188 0.570195876 0.637358378 1 1.65691534 1.138875409
 1.077458993 1.182759725 1 0.84576829 1.235482711 1.212394731
 0.854387082 1.013816486 1 1.061112225 1.575811682 0.856988336
 1.107324254 0.728747656
 YLL034C YLL034C::YLL034C::helicase
 1 0.664573937 0.614743982 0.591163785

	0.813549286	0.890850898	1	0.831742203	0.593150033	0.511605327	
	1.06184734	1.119209153	1	0.78729062	0.793925147	0.95013506	
	1.248426586	0.770670536	1.075266311				
YLL036c	"YLL036c::PRP19::Required for error prone repair, induced mitotic recombination, and sporulation"						
	1	0.988086157	1.045622762	1.245721696			
	0.996800641	1	1.172214572	1.173335116	1.060511428	1.036909269	1
	0.914725831	0.869743677	0.751420787	1.012125305	1	0.714088367	
	0.590561404	0.684674294	1	0.814985247	0.651758759	0.527055844	
	0.655450824	1	1.044778177	1.026553751	1.034454088	1.032929715	
	0.875977523	1	1.147425142	0.920204084	0.864869429	0.982904791	
	1.053041564	1	0.92092137	0.769111719	0.97197526	0.787957475	
	0.918465067	0.796817863					
YLL038C	YLL038C::ENT4::epsin N-terminal homology-containing protein 1						
	0.683746281	1.048491031	0.509328329	1	0.910273511	1.005694451	
	0.771099875	1	0.827461393	0.841964787	0.368520595	0.991085137	1
	0.546205558	0.493404152	1	1.403023355	2.039759614		
	0.85066302	1	0.963318069	1.153029691	1.1193558	1.064346554	
	1.115744016	1	0.95174779	0.521963379	0.825184703	1.044170761	
	0.671861511	1	0.833746939	0.703273146	1.102881723	0.83143408	
	0.960037121	0.687364863					
YJL038C	YJL038C::YJL038C::molecular_function unknown						
	1	1.613023984					
	1.256257094	1.440271508	1	1.026945473	1.122503815		
	1.580671195	1	1.229352796	1.141401356	1.490782772	1.245575029	1
	0.527869798	0.92391936	1.338488192	1	1.45226686	5.050988358	
	4.781052948	1.817090909	1	0.791421096	0.947874442	0.989595373	
	0.899369947	1			1	1.006925781	
	1.383206041	1.319409393	1.068703072	1.851984492	1.09453		
YLR273C	YLR273C::PIG1::Putative type 1 phosphatase regulatory subunit; interacts with Gsy2p						
	1	1.068505863	1.248641958	1.64431907	1.444735849	1	
	1.417139334	1.926319617	1.480297294	1.395534808	1	1.097928183	
	1.468886895	1.7230198	1.311226292	1	1.051863249	0.907392687	
	2.015650593	1.855742865	1	1.154457292	2.006377578	2.130606215	
	1.264207844	1	1.024132172	1.313907925	1.122351831	0.838046751	
	1.070866611	1	0.884294866	0.938840914	1.846057098	1	
	1.336003964	1.177220328		1.758778673	0.971066988		
YJL041W	YJL041W::NSP1::Nucleoskeletal protein found in nuclear pores and spindle pole body						
	1	1.146351086	1.142128946	1.017295381	1.002582165	1	
	0.921744113	0.904819253	1.014971653	1.017757858	1	1.020165088	
	1.154281461	1.060413408		0.620787568	0.762817345		1
		1	0.9294624	0.84144621	1.289634584		
	1.021372018	1.134159944	1	1.258948148	1.94526979	1.486754803	
	1.243390807	1.052158724	1	1.089642602	1.272001027	0.940915644	
	1.042232723	0.785900694	1.056002518				
YLR275W	YLR275W::SMD2::U1 snRNP protein of the Sm class						
	1	0.925936099					
	1.430011795	0.947440385	1.729300671	1	0.911900419	0.884159023	
	1.557300849	1	0.923669567	1.061791814	1.202815975	1	
	0.359222768	0.421363409	0.710806869	1.195530959	1	1.993765819	
	3.36183432	2.283296954	1.243935541	1	0.714560498	0.580138261	
	0.599975773	0.891683258	1	1.332122657	0.942647777		1
		1.359024522	1.36288782	1.197853659			
YJL043W	YJL043W::YJL043W::molecular_function unknown						
	1.173416522						
	0.912193217	0.814502225	0.983111108	1.084103021			
	0.956066155	1	0.619435279			1	
	0.625240428	1.060988217	0.67312193	1	0.89182654	0.842127434	
	0.927542094	1.280476462	1.109226759	1	0.799358642	0.861339888	
	1.297773134	1.66977508	1.016497816	1	1.074954808	0.902857763	
	1.03630818	1.354717702	0.710131055				

YLR277C YLR277C::YSH1::subunit of Polyadenylation factor I (PF I) 1
0.923385788 0.926561873 1.008118632 0.867051332 1 1.143329366
1.209343408 0.883737448 0.846133506 1 0.958698053 0.948318339
0.61785058 0.946639241 1 1.01051625 0.64915632 0.844550801
0.994681778 1 0.988140059 1.118025685 0.852690268 0.715873822 1
0.949781966 1.13986917 1.004584275 0.95062879 0.992101697 1
0.942878426 0.778003528 0.660440883 0.733902076 0.792400323 1
1.127493822 1.00456917 0.919673 0.816094519 1.011936374 0.715384783
YJL045W YJL045W::YJL045W::not yet annotated 1 1.111397185 0.704430019
0.995176696 0.467329295 1 1.321786958 1.502842713 0.738299146 1
0.922065745 0.804495773 1.681367801 0.902589251 1 1.133267693
2.155252444 1.194217431 1 0.641879698 1.009064296 0.726169167 1
0.78586665 0.833573536 1.011553645 1.451959204 1 0.732050319
0.543154064 0.836885101 0.832995557 1.327993908 1 0.503887868
0.947297131 0.326378837 1.330338534 0.892260903
YLR279W YLR279W::YLR279W::molecular_function unknown 0.847125485
1.034046735 0.8386095 1.072949981 0.772162556 1.018909612
0.747491846 0.79328775 0.891858992 1 0.682272326
0.502679701 1 2.027870625 1 0.7928907
1.084047857 1.282133355 1.300701878 1.22660943 1 0.924474479
1.225299073 1.205248942 2.367357658 1 0.865505014 0.725290467
0.995101365 0.756190659 1.518315965 0.45182196
YJL047C YJL047C::RTT101::Regulator of Ty1 Transposition 1 0.832165957
0.789305233 1.085354279 0.827889833 1 0.896549687 0.997995599
0.910337093 0.826715298 1 1.07881435 0.960135316 0.765599132
1.164639449 1 1.099590893 0.823660941 0.804953712
0.516116891 1.054779571 0.887142846 0.997060677 1
0.991842846 0.827878111 1.241900239 1.034240874 0.710302494 1
1.430025607 1.255821928 1.257749293 1.297713907 1.072639421
YLR281C YLR281C::YLR281C::molecular_function unknown 1
1.001010891 1 1.353459847 1
0.860557146 0.982823332 1.700198979 1.367185449 1 0.34786925
0.768903702 0.867157985 0.5041671 1 0.571469501 1.0928387
0.476651249 1 1.075870691 1.153093804 1.299062719 1.785052461
1.326944895 1 0.912799622 0.456537903 0.698099172 1.389244364
0.496431436 1 0.800149123 0.490052344 0.741411293 0.532157264
0.861426569 0.402787047
YJL049W YJL049W::YJL049W::molecular_function unknown 1 0.796135603
0.884199066 0.815620676 0.964954022 1 0.762159598 0.789945916
1.096642183 0.85722987 1 0.863989722 1.081422747 1.263626772
0.874664205 1 0.819978213 0.821596481 0.820292312 0.871854481 1
2.466542517 2.668659742 1.574090288 0.964365578 1.063983573
0.733496687 0.69904917 1.339620777 1 0.981814633 1.222558957
1.237993465 1.24004238 1.63232161 1 1.291876185 1.279998549
1.171192947 0.612347109 1.60019877 1.063883189
YLR283W YLR283W::YLR283W::molecular_function unknown 1 1.041668301
1.406805807 1.212564626 1.918856252 1 1.0732057 1.235521671
1.742086203 1.597360207 1 1.154768367 1.127084477 1.708022138
1.420378271 1 1.157502814 0.7622828 0.822937646 1.380157687 1
1.785626783 2.298755837 2.855938034 1.784100216 1 1.324899802
1.514174694 0.995555315 0.902564488 1.292699314 1 1.294167196
1.885764556 1.350545801 1.219233417 1.774109491 1 1.597628537
1.942756888 1.139891927 1.67057815 2.41050308 1.31080911
YJL063C YJL063C::MRPL8::Mitochondrial ribosomal protein MRPL8 (YmL8) (E.
coli L17) 1 0.824868244 1.163046354 0.957529929 1.194340743 1
0.792492199 1.056492836 1.349097282 0.94681863 1 0.933650006
0.926367182 1.370585957 1.000819865 1 0.66531528 0.540972559

0.599596964	1.069360829	1	1.662493333	2.164750568	2.192753602	
1.434181551	1	1.073243778	1.162831675	0.84422336	0.98844499	
0.891638782	1	1.122886089	1.622932025	1.256340447	0.841399717	
1.342484868	1	0.980587367	1.228437195	0.810536986	1.144011708	
1.324175735	1.203983					
YLR297W	YLR297W::YLR297W::molecular_function	unknown	1	1.426696349		
1.374664814	1.131716972	1.294061915	1	1.022107781	1.44182414	
1	2.498875523	2.092846392	1.530141079	1.237235102	1	3.977284968
7.454031646	2.588234827	2.26044157				0.721856949
2.113969737	2.172898999	1.646186095	1.336943846	1	2.046291457	
2.624970151	3.92241516	4.555870973	2.92539227	1	3.159717685	
2.722109137	1.859544712	1.586274072	1.799752714	1.373854061		
YJL065C	YJL065C::YJL065C::molecular_function	unknown	1	1.156495827		
1.407425813	1.018444072	1.651477964	1	0.917229961	1.064242621	
1.36894753	1.384267529	1	1.174119136	1.054907059	1.608827983	
1.34056778	1	0.63326856	0.422826047	0.393512011	0.744142566	1
1.745775887	2.165578541	2.00214121	1.20264914	1	1.0331846	
0.613719143	0.682132674	0.881700932	1	0.922437746	1.12245078	
0.947361752	0.870840106	1.379913738	1	1.039803541	1.009997806	
0.898289663	1.224756046	1.253547409	2.059467646			
YJL067W	YJL067W::YJL067W::molecular_function	unknown	1	1.066395481		
1.536397929	1.073907206	1.29317014	1	1.086100252	1.269931901	
1.390110992	1.44824615	1	1.298853212	1.651904351	3.177747589	
1.227020139	1	2.138264281	1.64341963	2.420863952	2.951194194	1
1.881641738	4.343235263	4.710703537	1.519561765	1	1.446477479	
1.964536312	1.306992932	1.001464986	1.122056374	1	1.103386516	
2.090524907	1.352092775	1.153284757	2.193524633	1	1.690100337	
1.896834082	1.353100528	0.998902197	2.646460855	1.444779579		
YJL069C	YJL069C::UTP18::U3	protein	1	0.645275634	0.518357982	
0.772969919	0.616229691	1	0.702229056	0.68234155	0.787220577	
0.888635584	1	0.4060755	0.345667418	0.341983864	0.894675437	1
0.222590237	0.216284306	0.31148526	0.558581519	1	0.475210551	
0.639728151	0.398386645	0.495314402	1	0.630544836	0.575777947	
0.629962602	0.87800792	0.858027145	1	0.670249132	0.475754261	
0.376853866	0.950052064	0.650367909	1	0.633959585	0.566240115	
1.031696578	0.802951834	0.578697259	0.698747933			
YLR299W	YLR299W::ECM38::ExtraCellular	Mutant; cik1 suppressor	1			
0.71059956	0.921660407	0.97265898	0.57733578	1	1.03893477	
1.349111379	0.828208437	0.792201276	1	1.317544999	1.484249999	
0.922438387	1	2.111057657	0.912568012	2.546059585	1.240643157	1
1.946021213	1.903324477	2.06401757	1.22697737	1	1.125873977	
1.754615689	1.985159966	1.130628823	1.031206898	1	1.126174556	
1.162548004	2.365262082	1.467830362	0.654556532	1	1.274397703	
1.815671851	0.573227272	1.413376255	0.945673958			
YLR301W	YLR301W::YLR301W::molecular_function	unknown	1	1.271407504		
1.03272147	0.935561218	1.458301306	1	1.078901227	1.027926308	
1.302469315	1.382769304	1	0.953367019	1.104970943	0.935360133	
1.171873222	1	0.980523208	0.659366843	1.143866854	1	
1.855674368	2.179036347	1.866981386	1.540095341	1	0.953322038	
1.198603629	1.071128821	0.91565105	1.076716994	1	1.357346137	
1.868488685	1.77052082	1.228050188	1.689893806	1	1.18184236	
1.560759549	1.200701441	1.1987853	1.557700699	1.507824531		
YLR303W	YLR303W::MET17::O-Acetylhomoserine-O-Acetylserine	Sulphydralase	1			
1.618256347	1.262755164	1.275868635	0.424936205	1	1.094965547	
1.157077967	0.876702462	0.80984637	1	2.073863411	2.536333852	
1.454618903	0.499877198	1	0.959565389	1.265550272	0.962859943	1
1.399369471	3.239085756	1.955115295	0.443583549	1	1.226016962	

0.843650608 1.229323737 1.669630203 0.654667466 1 2.61318515
2.650925261 1.652354057 1.266887997 1.05797594 1 2.50485906
2.291771939 1.496201011 0.874386231 0.82767262 1.378232177
YJL071W YJL071W::ARG2::First step in ornithine biosynthesis pathway 1
0.94459761 0.819338071 1.103139822 0.647519008 1 0.943263256
1.049586242 0.940634778 0.799828147 1 1.683059754 1.03931736
0.583409036 0.982972602 1 0.645247411 0.645557921 0.769449201 1
0.728497947 0.777977535 0.581086506 0.509586065 1.055666439
1.018883901 1.111358624 0.939648298 1 1.130110161 0.791591159
0.918617832 0.922911664 0.616802379 1 1.174219519 0.938924841
1.327384354 0.825314336 0.869152563 0.739902305
YLR305C "YLR305C::STT4::functions in the PKC1 protein kinase pathway, in a
pathway with STT1 and MSS4" 1 1.005640526 0.651966536 0.902972851
0.458176271 1 1.089699864 1.042859578 0.604215682 0.481927991 1
1.238305798 0.871345705 0.403378022 0.825839916 1 1.070200675
0.830936199 0.645017086 1 0.559468722 0.444110225 0.392179619
0.363413104 1 0.638086162 0.944182689 0.671961135 0.588957669 1
0.879335802 1 1.437800337 2.860748462
0.895452669 1.389270681
YLR305C "YLR305C::STT4::functions in the PKC1 protein kinase pathway, in a
pathway with STT1 and MSS4"
1 1.009930251 0.854542379 0.998614129 1.147728485
0.83843105 1 0.834695953 0.788460527 0.797998922 0.812933576
0.440429436 1 0.759014911 0.921284846 0.977224508 0.544795296
0.706382101 1.077017537
YJL073W YJL073W::JEM1::DnaJ-like protein of the endoplasmic reticulum
membrane 1 0.829701636 0.809335834 0.840507552 1.025982676 1
0.801659314 0.810020621 0.962710706 0.889886187 1 0.72360356
0.611806787 0.751244383 0.9588053 1 0.666301208 0.307636195
0.800287941 1 1.202168961 1.762469141 1.39532643 1.052281749 1
0.958681835 1.203782706 0.958740562 0.840846861 0.949863493 1
0.92868073 1.031547011 0.955804188 1.230974363 1.077755012 1
1.115577287 1.172022265 1.227545287 1.030897153 0.965222084 1.057753744
YLR307W YLR307W::CDA1::Required for proper formation of the ascospore wall
1.234069886
0.221510413 0.579000884 1
1 0.86943529 0.897753286 1.026619315 1.087659275
1.043935605 1 0.730587237 0.790848073
0.943635325 0.978788948 0.79331536
YJL087C YJL087C::TRL1::tRNA ligase 1 0.811217339 0.809043299
0.915488652 0.883782609 1 0.854776378 0.896878468 1.061400497
0.924062469 1 0.75966358 0.710114339 0.592491486 1.003564677 1
0.587548674 0.297861724 0.711042933 1 0.874737982 1.109680398
0.610269024 0.689506962 1 0.800659416 0.789757406 0.78331608
0.864200186 0.943262644 1 0.870322935 0.841071583 0.674986292
0.868637151 1.05500344 1 1.002345831 0.908605163 1.1118918
1.008093874 1.014800353 0.918529598
YLR321C "YLR321C::SFH1::Involved in chromatin modeling, cell cycle
progression" 1 0.6551576 0.717338406 0.784297608 0.657378887 1
0.794447586 0.780054991 0.797851824 0.711728127 1 0.682865981
0.673201285 0.561226426 0.82316946 1 0.626765809 0.543257294
0.576674822 0.76426556 1 1.096682679 0.902154596 1.187308809
0.815164688 1 1.091379299 1.024806311 1.017347854 0.881069823
1.004081302 1 0.85838399 0.915103012 0.886215772 0.991384578
1.090754848 1 0.989452569 0.918970586 1.238550779 0.499062867
0.990270022 1.006967579

YJL089W YJL089W::SIP4::Possibly involved in Snf1p regulated transcriptional activation 1 1.508007467 1.260968665 1 1.099641798
1.407833319 1.09679666 1 1.526293679 1.74818818 1.407101124
1.166955108 1 1.298310574 0.400473462
1 0.957446169 1.143971582 2.111192017 1
0.80338867 1 1.363562054 1.816568673
1.784791752 1.808225486
YLR323C YLR323C::CWC24::Complexed with Cef1p 1 1.030349493
0.903679157 0.941877038 1.012601952 1 0.733844112 0.961703015
1.153709027 1 1.019585543 0.84636691 0.935066369 1.498290338 1
0.984775206 1.021868084 0.425251255
0.493558832 1 0.893251823 0.998824832 1.000001605 0.902560505
1.100571605 1 1.074860947 1.034769196 0.939587342 1.365084863
1.49720904 1 1.007070742 1.192473612 0.272502627 1.124722818
0.772300393
YJL091C YJL091C::YJL091C::molecular_function unknown 1 1.459318817
0.971479921 0.992225024 1.035745358 1 1.049935321 1.061177749
1.068756817 0.775523379 1 1.155057918 0.821142637 0.811641942
0.967571959 1.151295681 0.815662365 0.88116702 1.112616912 1
0.970620943 0.516905587 1.040711407 1 1.169312035 1.062891479
1.017683454 1.034817905 1.074827809 1 0.860989225 0.816809519
0.930748392 0.685114324 0.738395429 1 0.928563237 0.860041806
0.943879485 0.949940425
YLR325C YLR325C::RPL38::Homology to rat L38 1 1.096407331 0.969708724
0.657358573 1.143978242 1 0.807204416 0.799960594 0.858619948 1
0.809267501 0.847953189 0.749455125 0.716552995 1 0.635871382
0.299913487 0.213002123 0.612884235 1 1.474360146 0.774656725
0.691474592 0.964937961 1 1.305036439 0.977919437 0.848907599
1.176157951 1.487736447 1 0.971790874 1.881282627 0.94498086
0.678372731 1.618736259 1 1.119605066 1.592110189 0.937787715
1.469877996 1.328127844 1.767884903
YJL093C YJL093C::TOK1::Target Of K1 Killer Toxin 1 1.011929627
0.744215849 0.937768815 0.636758297 1 0.954268381 1.033820788
0.847622251 0.790739077 1 1.160598884 0.87332856 0.737724019
0.931933478 1 1.082465774 0.706772189 0.988477856 0.640425465 1
1.034278443 0.777683466 0.753700941 0.645714437 1 1.088733327
0.94623583 0.783952398 1.239226962 1.030996907 1 0.886455205
0.656574127 0.959722559 0.67111722 0.592099266 1 0.955108316
0.556709638 0.868270398 0.691495598 0.975537955 0.698747933
YLR327C YLR327C::YLR327C::molecular_function unknown 1 1.112355878
1.855821922 1.35044731 1.589674172 1 1.02848224 1.715875852
1.689580619 1.30789406 1 1.783559478 3.027609668 5.904228105
1.416215516 1 11.97613645 5.872970774 6.718601829 7.87842326 1
9.196597164 9.281915819 11.60126734 4.658414024 1 1.990355031
2.934406005 1.122833913 1.33127494 1 4.631280344 5.097433264
10.60204497 4.322736796 4.140248486 1 3.934903367 3.335329214
2.071559648 1.523754103 4.731905076 1.630411878
YLR329W "YLR329W::REC102::Dispensable for mitotic recombination, DNA damage repair, axial elements & meiotic chromosome condensation; required for wild-type level of chromosome pairing seen by in situ hybridization, tripartite synaptonemal complexes"
1.122557578 0.907840921 1
1.667900851 1 1.684855928 1 0.871408363
0.891466727 0.693376498 0.946846225 0.833185527
1.020803215 1 1.263037127 0.501732564
YJL095W YJL095W::BCK1::bypass requirement for protein kinase C homolog 1
0.932229121 0.944010717 1.262602145 0.981423816 1 1.233087608

1.32574618	1.003165745	0.934380569	1	1.183399742	1.024496112
0.7530215	1.228513836	1	0.959875434	0.63245007	1.009464457
0.85394187	1	0.833548377	1.064764032	0.800879121	1.007711398
0.984909646	0.965686813	1.12138106	0.922283662	0.894725955	1
0.989081483	0.87942071	0.937251333	1.045672399	0.675040538	1
0.725764991	0.872052082	1.084857827	0.679899144	1.010853151	1.134808707
YJL097W	YJL097W::YJL097W::molecular_function	unknown	1	1.411002546	
1.217336458	0.943339336	1.352529571	1	0.965782684	0.898890442
1.437654982	1.284577516	1	1.011605058	0.8729056	1.195409216
1.220902321	1	0.767260105	0.740839228	0.702169738	0.910849225
1.121246331	1.190525892	1.170291568	1.066982593	1	1.258403861
1.245822882	1.328265652	1.196711085	0.925738761	1	0.919746509
1.37577563	1.495074258	0.984878006	1.272945202	1	0.908017011
1.132611181	1.007839371	1.124830896	0.952352875	1.165455518	
YJL111W	YJL111W::CCT7::Required for assembly of microtubules and actin in vivo	1	0.873497531	0.842195961	0.889019911
0.851252714	0.88587279	0.772016609	1	0.848035491	0.776555785
0.555275009	0.771826416	1	0.679036099	0.535651848	0.680186135
0.785752516	1	0.999315534	0.610605282	0.75083902	0.896723996
0.915660377	1.001388931	1.070650445	0.949746915	0.936420848	1
0.961924403	1.026148511	0.837717217	0.632753109	0.722453841	1
0.919437724	0.923501717	0.936655411	0.859119245	0.780886599	0.860738375
YJL113W	YJL113W	1	1.327951276	1.18503258	1.105213045
1.251251186	1.267925672	1.140059168	1.047011353	1	1.211691483
1.039215114	1.112116332	1.097615878	1	1.057293411	0.891938529
0.917747802	0.931077404	1	1.456647734	1.117867351	1.245489261
1.16980722	1.066296966	1.282494445	1.038779944	1.066328944	1
0.834497729	0.802749419	0.765971439	0.769435614	0.757369114	1
0.923414492	0.875500092	1.021968754	0.999138078	0.92591565	
YLR331C	YLR331C::JIP3::Jumonji Interacting Protein	1	0.810866813		
0.49671454	0.714155796	0.538439729	1	0.637060786	0.644101436
0.46829305	0.542062092	1	0.793173704	0.518046041	0.453229354
0.670633582	1	0.626850128	0.61439323	0.618634116	0.614415202
0.74205826	0.772041548	0.57451633	1	0.966104839	0.948809865
1.165656279	0.813345774	1	0.622610498	0.472632565	0.555301459
0.694548359	0.362866393	1	0.674588581	0.703517125	0.773207732
0.253007452	0.598403046	0.956181415			
YLR345W	YLR345W::YLR345W::molecular_function	unknown	0.699371039		
1.05226786	0.950424127	0.751848199	0.981900395	1.059938601	
0.972535356	0.672791097	1.021170307	1.486092355	1.305288203	
0.93689249	1	2.545995096	2.416016774	2.506871055	1.773830532
2.811996734	1.689717118	2.644777383	1.602678238	1	1.595239545
1.724869775	1.129665751	1.374980155	1	1.225287948	1.064122269
2.174744828	1.61794008	0.878039286	1	1.340707707	1.128163864
1.232665108	0.61917454	1.224306844	0.651464271		
YLR347C	YLR347C::KAP95::protein involved in nuclear import; required for the docking of import substrate to the nuclear membrane/pore; identified as an rnal-1 synthetic lethal	1	0.741028142	0.477117332	0.87809974
0.790857285	0.80346114	0.524316966	0.578967352	1	0.842095123
0.650153405	0.368793469	0.787977821	1	0.4137354	0.374863425
0.431444303	0.433891066	1	0.482936718	0.350095014	0.539939244
0.872618917	0.718196213	1.071057345	1.297329046	0.920727032	1
0.960345534	0.484790449	0.666200429	0.731597415	0.289315502	1
0.792513505	0.619946779	0.860816087	0.481423596	0.522058777	0.586668095
YJL115W	YJL115W::ASF1::anti-silencing protein that causes depression of silent loci when overexpressed	1	0.795763013	1.160700251	0.913805508
0.931567635	1	0.972408424	1.030753701	1.123913981	1.147607393

0.783712629	0.932977314	1.26566437	1.180806815	1	0.531184362
0.326172374	0.526949113	1.336033474	1	1.055389915	2.175407784
1.397885086	0.792216185	1	0.915456123	1.042039939	0.896191937
0.784196408	0.985675973	1	0.937403609	0.993409881	1.005532984
1.472502711	1	0.925579986	1.088457893	1.226056242	0.887261385
1.595825916	0.944798293				
YLR349W	YLR349W::YLR349W::molecular_function	unknown	1	1.023269154	
0.952002498	0.970883157	0.559335313	1	0.889902836	1.055983564
1.170555983	1	1.012582288	1.265668217	1.144072328	1.312498031
0.501216706	0.282628206	0.570697762	1.412776009	1	1.328871609
1.353314556	1	0.807495781	1.000950523	0.971737941	
0.904776611	1	1.126800068	1.172548914	1.330412457	1.206490888
1.455687727	1	0.759363714	1.164777554	0.805448616	0.777976657
0.610982665					
YJL117W	YJL117W::PHO86::May collaborate with Pho87p and Pho84p in phosphate uptake				
1	0.962637836	0.788325599	0.730509038	0.995692217	1
0.759223622	0.737474796	0.963951674	0.908145258	1	0.790938411
0.78865412	0.809975495	0.877006658	1	1.124204967	0.773899601
0.951845781	1.343536337	1	1.254131764	0.891189341	1.257681019
1.080759686	1	1.163997004	1.122267203	1.042455442	1.030004639
0.877691594	1	0.959761127	1.043530121	0.990507249	0.860190863
1.021433303	1	1.249580105	1.254310248	1.131206931	1.028259573
0.850138814	1.296799097				
YLR351C	"YLR351C::NIT3::Nit protein, nitrilase superfamily member"				1
0.976374904	0.943266445	0.860332842	0.998391678	1	0.857716341
0.792232086	1.172610968	1.125711768	1	0.943129339	1.114922883
1.225514455	1.254039107	1	0.936532311	1.39824269	1
1.640738625	1.676361885	1.746660309	1.512652655	1	1.262179134
0.914049441	1.062642959	1.082128132	1.089569466	1	1.094148068
1.489100136	1.582879128	1.241570667	1.325117011	1	1.100608648
1.640335476	1.119499306	1.204882198	0.964891131	1.239007927	
YJL119C	YJL119C::YJL119C::molecular_function	unknown	1	1.185568397	
1.091749699	0.887602029	0.950842673	1	1.151788609	1.217910317
1.177407971	1	1.165929753	1.115067509	1.119041186	1.209907805
0.522507796	0.438183273	0.885581591	0.734762998	1	1.375481298
3.474918545	1.660227111	0.463346073	1	1.499378401	
1.135479973	1.046665136	1	0.867732948	0.96656373	1
1.138320274	0.916838696	1.375921262	1.310576007	1.320441006	
YLR353W	YLR353W::BUD8::involved in bud site selection				1
0.836468684	0.854355196	1	0.908008882	1.022260242	0.765759293
0.735242466	1	1.244422283	1.050858822	0.636962896	1.105102153
0.711690135	0.262894225	0.7831136	1	0.793831919	0.500455187
0.600117921	1	0.937454441	0.665649271	0.851228921	0.971711315
0.936166752	1	0.91252658	0.892021855	0.693837091	0.916996088
0.664441757	1	0.627971603	0.763483593	0.899936457	0.663200584
0.741720136	0.619066183				
YJL121C	YJL121C::RPE1::D-ribulose-5-Phosphate 3-epimerase				1
1.111192001	0.926329078	0.34683166	0.390254247	1	0.800303212
0.751643237	0.494136334	0.507252108	1	0.98283812	0.850246094
0.853448502	0.428878863	1	1.052347363	0.496045256	0.542722961
0.821169659	1	1.077728949	0.871500461	0.74607298	0.626787078
1.030232833	0.879955497	0.776059623	1.150531339	0.847291803	1
0.791357368	0.651803097	0.453531493	0.739243118	1.052389343	1
0.722890898	0.605071728	0.620131483	0.763063851	0.740661809	0.86161404
YLR355C	YLR355C::ILV5::branched-chain amino acid biosynthesis				1
1.138413243	0.615275421	0.86108391	0.491291508	1	1.113018826
0.798687324	0.60303473	0.651676311	1	1.213716613	0.638407651

0.495744314	0.779000634	1	0.88507369	1.10185369	0.744185043	1
0.499495305	0.20257417		0.744236793	1	1.459661452	1.159530663
1.387046446	1.335966802	1.105020799	1	0.949187237	0.635312523	
0.466527119	0.376919413	0.516152342	1	1.005790756	0.439276748	
1.061176181	0.653043474	0.596579707	0.986828225			
YJL135W	YJL135W::YJL135W::molecular_function	unknown	1			
1	1.462427402		1	1.333989607		
0.248501162	0.418288404	0.344289912	0.679397689	1	1.783688681	
4.553124526	2.195320372	0.692124345	1	0.994853633		
1.297995386	1.026404066	1	0.802592579		1	
0.854935768	0.663612537	1.264693507	0.969967794			
YLR369W	YLR369W::SSQ1::Stress	seventy Q	1	1.303485072	1.221110031	
0.842969344	1	1.158002389	1.298969222	1	1.348601556	
1.384900675	1.028517122	1	1.414718794	0.740222396	1.113394608	
		1	0.867164862	0.873726987	0.807974399	
0.762800817	0.865411866	1	0.998528861	1.008195891	0.928348887	
0.978540323	0.507706138	1	0.875345111	0.948053806	1.010683578	
0.765028601	0.802951899	0.603304945				
YLR371W	YLR371W::ROM2::Gdp-GTP Exchange Protein (GEP) for the Rho1p Small GTP-binding Protein; high copy suppressor of cik1 and kar3 deletion mutants.					
1.067525809	0.857529978	1.165108194	0.841913354	1.040015385		
0.975363229	0.895686479	0.795454716	1.080246305	1.146565219		
0.904470071	1.162059978	1	1.216826617	1.672442327	0.907168085	1
1.173006106	1.20249678	1.470341677	1	1.124987664	0.908322224	
1.366521152	1.281647269	0.986694629	1	1.075046024	0.92044832	
0.859718662	0.779025399	0.583198053	1	0.76416191	0.761933313	
0.974078315	0.856323073	0.727073578	0.866867768			
YJL137C	YJL137C::GLG2::self-glucosylating initiator of glycogen synthesis; similar to mammalian glycogenin	1	1.07265714	1.250855252	1.107937114	
1.313990275	1	1.100371961	1.126092915	1.151342284	1.296377537	1
1.190615516	1.214530222	1.444133018	1.176213531	1	1.197200383	
0.607802623	1.395305455	1.501851382	1	2.13200263	2.781352479	
2.324418309	1.16652705	1	1.198523283	1.311591319	1.146306296	
1.0415866	0.80486777	1	1.011048541	1.113097253	1.007899017	
1.379349017	1	1.26028237	1.311897183	1.358134238	1.797514024	
0.915902707						
YLR373C	YLR373C::VID22::Vacuole import and degradation	1	0.855303424			
0.853402939	0.861312188	0.940856525	1	0.806913647	0.857581269	
0.92358601	0.819789562	1	0.859802315	0.714301515	0.84277453	
0.852619405	1	0.998105859	0.909870592	0.892211057	1	
1.32909097	1.554771704	1.417865217	0.933776721	1	1.132454602	
1.169681497	1.056781821	0.971835291	1.083294496	1	0.818019868	
1.116508914	0.727930591	0.81517347	1.043949838	1	0.729343995	
1.376284451	1.088067843	1.210838915	1.046696949	1.242510482		
YJL139C	YJL139C::YUR1::Probable glycosyltransferase of KRE2/KTR1/YUR1 family; located in the Golgi	1	0.795722273	0.835771538	0.894784204	
0.803455599	1	0.791361097	0.855577085	0.976735678	0.846392287	1
0.888755898	0.849025629	0.672874094	1.036815694	1	0.691261054	
0.622847818	0.722778355	0.74314203	1	1.008615344	1.350056522	
0.883008023	1	0.817211997	0.936281642	0.94895784	0.970194305	
0.886047565	1	1.053621637	1.010659354	1.174987386	1.155016951	
0.867638287	1	0.925358582	0.827350151	0.994345089	0.71462913	
1.111513543	1.360719714					
YJL141C	YJL141C::YAK1::Serine-threonine protein kinase	1	0.938861571			
0.913462776	0.814262744	0.680098707	1	1.067980478	1.033305024	
0.772109545	0.609706925	1	1.323387152	1.284298478	0.965808828	
0.807633673	1	1.210393272	1.247644516	1.286595405	0.866445697	1

	1.551618702	1.422715021	1.435342938	1.301802679	1	1.086935155
	1.140576777	0.877419069	1.022234756	1.049025945	1	1.073256224
	0.826114018	1.402391567	0.985014365	1.095258241	1	1.115577287
	0.792524786	0.973570416	0.759175068	1.343518756	0.584041204	
YJL143W	YJL143W::TIM17::Mitochondrial inner membrane protein involved in protein import					
	1	1.328034385	1.126218783	1.092702317	1.251426058	1
	0.951968369	1.103353018	1.259973911	1.144435104	1	1.242804533
	0.899676027	1.274047804	0.900434686	1	0.959668844	0.658545714
	0.69587421	0.861896707	1	1.692801207	1.179793328	1.195787097
	1.065341696	1	1.243334532	1.191664815	1.185579728	1.328439243
	0.913631803	1	0.98657882	1.186250672	0.848805971	0.545208834
	0.903958096	1	1.116916959	1.102971971	0.696747967	1.011395492
	1.055747954	1.31080911				
YJL145W	YJL145W::SFH5::putative phosphatidylinositol transfer protein					
	0.814151025	1.071792921	0.734140632	1.118004074	1	0.916530793
	0.759980444	1.078185383	1.139600904	1	1.112250207	1.076125353
	0.790066631	1.066131493	1	0.649989181	0.484548431	0.324246882
	0.673197797	1	1.405739521	1.339430153	1.023894003	1.117241834
	1.111263251	1.562359292	1.361050617	0.844797053	0.924036557	1
	1.475436693	1.941610304	2.066074471	1.709823732	1.058630355	1
	1.100490063	1.329293345	1.195294418	0.825439169	0.726609648	1.774014244
YLR375W	YLR375W::STP3::Involved in pre-tRNA splicing and in uptake of branched-chain amino acids					
	1	1.184793301	0.984162436	0.767387355		
	0.715407631	1	0.882324214	0.853740887	0.879875111	0.938012406
	1.260032245	1.069093827	1.220112571	0.853954896	1	1.342650306
	1.282130936	0.992387391	1.124975783	1	1.383979402	1.419481596
	1.260539552	1.266513524	1	0.976209563		1.020356214
	1.187333526	1	0.75109421	0.81776685	0.745112158	0.626267468
	0.932064567	1	0.81504526	0.937136312	0.949236207	0.442281308
	1.025305603					
YLR377C	"YLR377C::FBP1::fructose-1,6-bisphosphatase"					
	0.966856456	1.158399271	0.916314974		1.357600088	
	1.294782117		1.484132928	1.28775973	1.073950936	1
	1.038915085		1.762376462		0.238654233	
	0.300048976		0.910726253	0.757490036	0.840591249	0.744618246
	0.694463281	0.979705939	0.909461692	0.765754757	1	0.507079541
	0.637901846	0.852012563	0.278408443	0.630204359		
YLR379W	YLR379W::YLR379W::molecular_function unknown					
	1.167288423	1.336184529	0.392566562	1.566682068		0.720789159
	0.769435136		2.297934614	1.732540458	0.854221753	1.035770331
	0.498126915	0.322454272	0.56551314	0.396167084	1	0.281514023
	0.265348796	0.170214679	0.246507011	1	1.027426518	0.544311028
	0.957816849	1.534070883	0.643116435	1	0.551806849	0.322019301
	0.481001213	0.637191038	0.100374884	1	0.586187819	0.373804735
	0.680890413	0.249885051	0.539135422	0.50348379		
YJL159W	"YJL159W::HSP150::Heat shock protein, secretory glycoprotein"					
	1.034774455	0.79676714	0.582330496	0.343680712	1	1.145811529
	1.399627301	0.397135077	0.526281572	1	1.446450316	1.823352269
	1.579042288	0.408534487	1	1.122761269	1.585177857	2.103010539
	0.712795044	1	0.490090867		1	1.152640772
	0.999144778	1.336351949	1.128533485	0.960988941	1	0.753265835
	0.709538334	0.563884699	0.587068788	0.765208431	1	0.645295214
	0.643250718	0.532499346	0.565173496	0.58122099	1.042868171	
YLR393W	YLR393W::ATP10::essential for assembly of a functional mitochondrial ATPase complex					
	1	0.824061579	1.355004052	0.789000046	1	
	1.527891791		0.775349855	1	1.369927312	1.342225591
	1.277409561	1	0.74929708		1.076986443	0.629579319

1.001927055	1.128722521	0.928612281	1	0.871424228	1.015935948
1.244525773	1.060393687	1.369934364	1	1.084651471	0.661138933
1.05353934	0.973397311	1	0.818892014	0.57504323	0.645414698
0.288521643	0.75073656				
YJL161W	YJL161W::YJL161W::molecular_function	unknown	1	1.519230161	
2.729880163	1.997375542	3.019765472	1	1.664802922	2.619465285
3.428270728	2.954878717	1	1.642993926	3.775612458	8.184781957
2.533049051	1	2.433653235	3.165844261	4.035743854	3.753132212
3.179740801	6.889094351	9.631809188	4.546106685		1.679731869
1.275031376	1.059257298	1	0.788441957		2.356751205
1		1.035701613	5.241372898	1.734611097	
YLR395C	YLR395C::COX8::Cytochrome-c oxidase chain VIII			0.965328983	
0.999882228	0.684305339	0.945684074		0.789394668	0.913853843
1.075883729	1.205572286		0.693238386	0.698093248	1.277242702
0.607952161	1	0.917279623	0.584252135	0.68485664	1.835456606
1.947897442	1.761704652		2.674135035	1	0.837571607
0.338401599	0.83944865	0.928700468	1	0.548121463	0.360434062
0.177224896	0.309401432	1.340084294	1	0.583792051	0.5016549
0.596994637	1.137204164	1.986127296	1.320441006		
YJL163C	YJL163C::YJL163C::molecular_function	unknown	1	0.895411991	
0.854350303	0.95786051	0.546029336	1	1.042325861	1.133605089
0.840565099	0.821908788	1	1.263800596	1.446507755	1.470731685
0.879500327	1	0.919106972	1.294344535	1.877111274	0.933346064
0.896710765		0.863669106	0.625897052	1	1.287247122
1.211015162	2.54230306	1.768131804	1	0.666421331	0.387939627
0.637536638	1.034093768	0.211537201	1	0.492917623	0.317922333
0.463385273	0.23446629	0.428621752	0.407165163		
YLR397C	YLR397C::AFG2::ATPase family gene			1.210355097	0.883722794
0.656888203		1.225256693	1.195039681		0.985025691
1.100742001	0.804922613	0.502483388	1.375479517	1	0.664785526
0.544812442	0.40674398	1		0.226078323	0.446124371
0.688156528	0.566903436		0.98925195	0.772511467	1
0.436325972	0.653764358	0.948033228	0.417579927	1	0.536961357
0.693201359	0.395149924	0.329759318	1.068261305		
YJL165C	"YJL165C::HAL5::Protein kinase homolog, mutant is salt and pH sensitive"			1	
0.939532099	1.046109402	0.823677529	0.749227796	1	0.898767951
0.979571312	0.836449287	1.022067969	1	0.988885924	0.957908433
0.766082789		0.733425204	0.672049631	0.802040805	0.502255921
1.149664892	1.128869955	1.162059264	1.329742064	1.165255934	1
1.093602715	0.72051194	0.833476194	0.977745752	0.514533314	1
0.855285206	0.662738744	0.908515165	0.738368542	0.658317598	0.695245482
YLR399C	"YLR399C::BDF1::Required for sporulation, possible component of chromatin; affects synthesis of snRNA"			1	
0.430610135	1	0.748946888	0.738677843	0.617325675	0.526231817
0.625999903	0.800406464	0.50621843	0.693379528	1	
1.380274754	0.867432431	1	0.830293821	0.525575296	0.625265428
0.772013565	1	0.943335292	0.907615639	1.265353574	1.16435536
1.393132791	1	0.768994108	0.512464502	0.710182164	0.723760956
0.489890204	1	1.01719422	0.973463699	1.604432764	0.858844898
1.179810512	0.689116088				
YLR401C	YLR401C::YLR401C::molecular_function	unknown	1	0.648062802	
0.604873811	0.610036122	0.511727165	1	0.664188225	0.698358074
0.616879055	0.630522426	1	0.482265476	0.436458887	0.260781569
0.784389533	1	0.30035106		0.149757348	0.299110013
0.782772041	0.565240963	0.384781007	0.976708309	1	0.943722677
0.862511815	0.775503969	0.773429531	1.037275373	1	0.665653737

0.617205989 0.565538409 1.259012958 0.58667709 1 0.501094273
 0.783327189 0.989211994 0.684934565 0.465430188 0.934290836
 YJL167W YJL167W::ERG20::May be rate-limiting step in sterol biosynthesis
 pathway 1 1.049179944 0.977842024 1.187000747 1.314820951 1
 1.085820558 1.104902525 1.205632679 1.290991628 1 0.83395702
 1.002833681 1.005934904 1.077726585 1 1.439397997 1.350897059
 1.372818557 1.520400475 1 1.350841524 0.565927299 0.862041007
 1.370412606 1 0.972024666 0.964378711 1.18018231 1.159714052
 0.989687667 1 0.8699201 1.144134733 0.768039328 0.983686287
 1.041418406 1 0.842899362 0.768041117 1.072661807 1.124259833
 1.039771118 0.95705708
 YLR403W YLR403W::SFP1::Inhibits nuclear protein localization when present in
 multiple copies 1.119239858 0.775535051 1.147217822 0.6921311
 1.107816146 1.124743221 0.687659439 1.241800926 1.056659297
 0.628688494 1.028917438 1 1.389071501 0.553594327 1.258919041
 0.502887269 1 0.713127331 0.708783664 1 1.06524891
 1.047822871 1.503517505 1.367226002 1.16999051 1 0.766780897
 0.598731296 0.663075842 0.72253577 0.383169813 1 0.781584406
 0.847996349 0.96723873 0.850330273 0.903235348 0.813454714
 YJL169W YJL169W::YJL169W::molecular_function unknown 1 1.167177978
 1.292223216 1.011294217 1.727001737 1 1.000549796 0.976557438
 1.213617813 1.50737223 1 0.791209924 1.025647874 1.26468743
 1.088321433 1 0.761334502 0.792412436 1.084840618 1
 1.270503299 1.936543264 1.34461581 1.168838602 1 0.690132231
 0.79912325 0.580775611 0.628132441 0.799665773 1 0.853704932
 0.986368817 0.822074902 0.835269222 2.007956631 1 1.037289586
 1.504608705 1.197741177 1.830925592 1.497735861 1.377356512
 YLR417W YLR417W::VPS36::Defective in vacuolar protein sorting 1
 0.952268309 0.895041469 0.811657467 0.780815081 1 0.941793201
 0.879010622 0.818121499 0.80058039 1 0.848152002 0.882487204
 0.910043779 0.933487911 1 0.940659899 0.625418631 1
 1.462984027 1.100801696 0.78082688 1.137088466 1 1.381380234
 1.395131618 1.458177577 1.138395306 1.138181233 1 1.154570559
 1.083378372 1.342023318 1.218180774 0.832043571 1 0.929529817
 0.774653509 0.763078174 0.768383108 1.177714305
 YJL183W "YJL183W::MNN11::member of a cis Golgi complex that is involved in
 mannan synthesis, other complex members include Mnn10p, Hoc1p, Anp1p, Mnn9p" 1
 0.853770365 0.667708456 0.859046515 0.811497813 1 0.743414847
 0.802738376 0.763960374 0.943565713 1 0.771883374 0.582140249
 0.551270291 0.826175884 1 0.926061648 0.581661529 0.640352566
 0.771501086 1 1.219246397 0.87224375 0.552484047 0.793440178 1
 1.096826442 0.885527013 1.22323551 1.538492344 0.935609861 1
 0.764925675 0.661871226 0.564805858 0.651330524 0.551534802 1
 0.848179203 0.651341945 0.895276437 0.893735004 0.682077586 0.769673503
 YJL185C YJL185C::YJL185C::molecular_function unknown 1 1.734958314
 1.837105691 1.547508443 1.919278895 1 1.424186868 1.567352718
 1.83851014 1.774701968 1 1.444095521 1.662719647 2.345383666
 2.089339893 1 2.432331113 0.491278463
 0.593774309 0.461597517 0.547915545 1 1.032221024 1.216320649
 1.051880772 1.168252879 0.90679846 1 0.777841202 1.145745859
 1.334898665 1.587747651 1.227116518 1 1.193882719 1.21433895
 1.279616136 1.381156863 1.210112341
 YJL187C YJL187C::SWE1::Protein kinase that inhibits G2/M transition.
S.
 pombe wee1+ homolog 1 0.834326482 0.8262505 1.043170561 0.808159941 1
 0.914440928 1.009301865 0.94708361 0.969601541 1 0.900629308
 0.757794519 0.593869819 1.215096089 1 0.642952046 0.409137097
 0.688736069 0.593797771 0.629814357 0.880038354 0.685981535 1

1.031730344 1.074180584 1.147794991 1.148253076 1.052993892 1
0.796943685 0.787529418 1.549066141 1.633925764 0.349049901 1
0.85388096 1.173261512 0.921705472 0.651915849 0.796672725 1.065634415
YJL189W YJL189W::RPL39::Homology to rat L39 1 0.949388918 1.761040942
0.847834916 1 0.907700951 0.917227566 1.879273773 1.332563109 1
0.797541524 1.170670463 1.226860473 0.923372451 1 0.614086172
0.283072757 0.1590268 0.461045777 1 1.904381131 1.719189843
1.120084344 0.795585744 1 0.665484112 0.674180612 0.33491875
0.391879726 1.082298225 1 1.687215777 2.308760997 1.126699145
1.42556182 3.332772511 1 0.986069934 1.467379963 1.372028766
2.494167328 1.674090476 2.004303366
YLR419W YLR419W::YLR419W::helicase 1.071219696 0.862085259
1.174053247 0.969179319 0.851141795 0.941313367 0.754566868
0.972945002 0.882135969 0.868244504 1.136606242 1 1.056586049
0.271385112 0.852383176 0.625257748 0.41793595 1
1.154797303 1.304128328 1.456440626 1.281194719 1.283593204 1
0.608779337 0.94410765 1 0.893710258 0.976140948 0.526983499
1.168036119 0.504542439 2.994634147
YLR419W YLR419W::YLR419W::helicase
1 1.018559955 0.935446245 1.026841195
1.207624567 1.062232727 1 0.869025906 0.687008863 0.771788725
0.733000441 0.521151967 1 0.790007986 0.637901846 0.868467747
0.759541449 0.626078626 0.850230918
YLR421C YLR421C::RPN13::Proteasome subunit 1 0.914939294 0.998276258
0.761885487 1.193483409 1 0.745816838 0.822249137 1.119983068
1.014242117 1 0.829267828 0.944714742 1.200817265 0.842847271 1
1.381421503 0.580830301 1.309814828 1.426736197 1 3.316121514
3.143782609 3.720566757 2.159624725 1 1.071820252 1.472872641
1.076894558 1.041690114 1.074217753 1 1.095031896 1.612414083
1.187401765 0.940135237 1.710678613 1 1.721242647 2.516126425
1.451326683 1.958518063 1.847132063 1.530590775
YLR423C YLR423C::APG17::required for activation of Apg1 protein kinase 1
0.820290802 0.79360997 1.144283046 1 0.758166241 0.813438505
1.098502756 1 0.806806255 0.904296086 1.128926193 0.98469118 1
0.90871439 0.63787446 0.720381072 1.346635098 1 1.34583169
1.631368306 3.176007245 2.131212204 1 0.842434069 1.050913098
0.630330931 0.63437961 1.074037843 1 1.007664876 1.300159113
1.391680563 1.263523504 1.652226511 1 1.295889536 1.306576896
1.412822294 2.354430057 1.23375425
YJL191W "YJL191W::RPS14B::Homology to human S14 and rat S14, E. coli S11" 1
1.481685516 1.374870792 0.982153546 1.385045507 1 1.106140881
1.095248304 1.340222289 1.237108159 1 1.076308332 0.981533044
1.198785894 0.955752075 1 0.71764826 0.43821116 0.268702326
0.474857873 1 1.030654132 1.174708076 0.453330006 0.627822011 1
1.241889066 0.87930972 1.092346538 1.301295279 1.22184278 1
0.86534988 0.999853879 0.676498429 0.54011581 0.886788968 1
0.928760515 0.993871145 0.758484466 1.247809337 0.505850736 0.971942653
YLR425W YLR425W::TUS1::TOR Unique function Suppressor; exchange factor for
RHO1 1 1.117996172 0.990201112 0.952362936 1.055078488 1
1.201119923 1.014762113 0.908578391 1 1.017358641 1.028250451
0.697753176 0.945918412 1 1.10941338 0.594878932 0.708762737
0.671962287 1 0.856265949 0.831596197 0.654324506 1
1.008519978 1.057739313 1.024297467 1.248545708 1.29548079 1
0.98380032 0.536719534 0.764150753 0.740661913 0.491378513 1
0.767703078 0.764245358 0.805483372 0.496488975 0.856197388 0.422050762

YJL193W YJL193W::YJL193W::molecular_function unknown 1 1.217238005
1.117182848 1.038725286 1.3445189 1 1.032862928 0.975121389
1.315606987 1.288013437 1 1.04550504 0.91379583 1.091897514
0.969941109 1 0.742543233 0.58579469 0.699603429 1.016374186 1
0.697309743 1.330052834 0.895930307 0.810103241 1 0.842663755
0.839614701 0.70264157 0.969834787 0.875045154 1 0.760552305
0.837409111 0.586827877 0.70443372 0.851571639 1 0.780793793
0.836572836 0.753418985 0.834312567 0.887882787
YLR427W YLR427W::YLR427W::molecular_function unknown 1 0.719161194
0.799588947 0.994715476 0.746271623 1 0.84821019 0.872046924
0.792286154 0.786776386 1 0.850221346 0.772025537 0.59687349
0.910953405 1 0.728599475 0.613043923 0.73042623 1
1.172836502 1.545490985 1 0.93814525 1.165478121
0.91466979 0.90467904 1.024879474 1 1.021203461 0.861092245
0.950185414 0.846439027 0.593439915 1 0.889712836 0.942475609
0.992002204 0.685053215 1.028314071 0.888758347
YJL207C YJL207C::YJL207C::not yet annotated 1 1.886630325 1.736665679
2.0323498 1.626353947 1 1.723091297 1.716926921 1.486361054 1
1.61065327 1.547623492 1.520779416 1.685108029 0.959568213
1 0.91632065 0.855014477 0.889214
0.995368623 0.935621238 1 0.973771144 1.098474506 0.909591568
1.372915586 0.786859942 1 0.83030987 0.808055959 0.94031175
0.907387109 0.742529106 1.018350701
YLR441C YLR441C::RPS1A::Homologous to rat S3A 1 1.080114572
0.962969095 0.981936535 1.424722031 1 0.993595877 0.878231237
1.030195381 0.963364626 1 0.754774767 0.6794128 0.504144664
0.820311269 1 0.659568658 0.260500692 0.15365536 0.42752384 1
1.562789543 0.750991393 0.438565414 0.75986337 1 1.209243643
1.152094871 1.061520793 1.112702922 1.356935608 1 1.195326435
1.276614878 0.782423913 0.515812075 1.164346293 1 1.52333477
1.318786024 1.052692859 1.868128656 1.259454778 1.382610293
YLR443W YLR443W::ECM7::Involved in cell wall maintenance 1
0.970891826 0.853397884 0.880635964 1.05296987 1 0.719960139
0.843571306 0.910160499 0.972374799 1 0.902342633 0.744316442
0.8059835 1.038391819 1 0.488261989 0.692430951 0.786768126 1
0.991595743 1.269245918 1.30016372 1.427725219 1 0.978469933
1.011993162 1.040020749 1.07238408 1.031516851 1 0.882666941
0.80075784 0.895126991 0.745828434 0.683154138 1 0.974614578
0.873846441 0.95017953 0.984754393 0.860957014 0.819584055
YJL209W YJL209W::CBP1::Protein required for COB mRNA stability or 5'
processing 1 1.202707996 1.140816894 2.362347322 1.040261744 1
1.700261277 1.221995246 1.842101658 1.577600917 1 0.936851347
1.364902362 1.376660257 1.687977593 2.140646756 6.996488371
6.792194796 1.379424926 1 0.289053452 1
0.935378174 1.067045541 0.855845094 1.131771118 1.140731362 1
0.974111433 0.745313314 0.683997333 0.947290221 0.698992472 1
0.899343333 0.654642302 0.797174564 0.695483641 1.092349442 0.582289979
YLR445W YLR445W::YLR445W::molecular_function unknown
1.116024646 0.917485925
2.033360058 0.108267534
1.047485954
1.348759653
YJL211C YJL211C::YJL211C::molecular_function unknown 1 1.550768106
1.367834767 1.115303795 0.82283409 1 1.298734677 1.258005234
1.09991118 1.152306228 1 1.46685081 1.360972904 1.104966438
1.179673611 1 1.300225327 1.205568286 0.976502217
1.058227779 0.577000974 0.754471002 1 1.166226585 1.172886316

1.655549131 1.494940403 1.350989568 1 0.956950883 0.855576788
0.803212536 0.811716409 0.483454253 1 0.979339893 0.698324524
0.800183669 0.856843018 0.679638537 0.913275817
YLR447C YLR447C::VMA6::vacuolar ATPase V0 domain subunit d (36 kDa) 1
0.963152558 0.776070613 0.860813734 0.920668097 1 0.852898646
0.816473203 1.051666845 0.859691461 1 0.660691899 0.745109882
0.716811959 0.862711294 1 1.397876869 1.057460541 0.981977494
1.241234067 1 1.080377626 0.53910381 0.695785432 0.793599959 1
0.975106294 0.899902177 0.945305392 1.044750234 1.01984565 1
1.05380251 1.318197934 0.922844544 0.696118094 1.006072009 1
1.424863738 1.391633635 1.125828878 1.679810262 1.263509528 1.125176811
YJL213W YJL213W::YJL213W::molecular_function unknown 1 1.320129929
0.727689735 1.188233228 0.654212298 1 1.234486441 1.159663238
0.675490219 0.87281412 1 1.240711252 0.97736598 0.700407041
0.838015853 1 1.316487408 0.875406456 1.187382958 0.537998379 1
0.689518701 0.72231848
1
YJL213W YJL213W::YJL213W::molecular_function unknown
1 0.872750016
0.546487529 1.09925728 1.520057174 0.781319383 1 0.58754397
0.597866245 0.811414795 0.702713859 0.218929045 1 1.017773276
0.625030338 0.84156861 0.549289336 0.722727272 0.570031244
YLR449W "YLR449W::FPR4::Homolog of homolog of the nucleolar FKBP, Fpr3" 1
0.980660038 0.871373954 0.816190573 0.929054443 1 0.944393825
0.836996722 0.97546197 0.929630633 1 0.707436451 0.483274331
0.407755209 0.922180003 1 0.456775137 0.177077411 0.203254379
0.301054431 1 0.667709308 0.289819741 0.257304003 0.501605555 1
0.885651775 0.862140692 0.767307254 0.951544757 0.874113479 1
0.955935135 0.751149347 0.483186695 0.722047809 0.949458229 1
0.879652117 0.737402479 0.824377509 0.99143565 0.372783836 0.592797436
YJL215C YJL215C::YJL215C::molecular_function unknown 1 1.415485721
1.672827693 1.589497996 1 1.691985492 1.687843865 1
1.517150065 0.484105245
0.225848405 1 1.323734418 1.561476753
1.591347899 1 0.779187134 0.635857569 1
0.924393425 0.632337278 1.098357522 0.705401301 1.442090294 0.39665768
YJL217W YJL217W::YJL217W::molecular_function unknown 1 1.778620256
1.779446104 1.422524599 2.088862669 1 1.337411214 1.428491074
1.801375756 1.877534764 1 1.19518895 1.350638989 2.082441073
1.818549264 1 1.306828608 0.885125148 1.221454421 2.481667595 1
1.556837619 1.361914744 2.166792409 6.202385292 1 1.266113343
1.628264082 2.547122373 1.549185728 1.343683181 1 1.208456357
1.661561143 2.661774128 1.972941372 2.126564416 1 1.32890753
1.729705211 2.461289614 2.128883509 2.22158437 3.829979439
YJR007W YJR007W::SUI2::eIF2 is a heterotrimeric GTP-binding protein

SUI3 encodes the beta subunit
 GCD11 encodes the gamma subunit 1
1.006203686 0.869287929 0.794198436 0.995550273 1 0.932206236
0.863911618 0.84117774 0.942698437 1 0.863332747 0.725854411
0.599506094 0.782987462 1 0.979397081 0.728707732 0.682739573
0.906714008 1 0.913399158 0.457513085 0.518189382 0.877628767 1
0.958342452 0.911581271 1.069588526 1.09350676 1.022974937 1
0.840885649 0.817091031 0.580901941 0.535709798 0.629456618 1
0.830695563 0.673289276 0.67662928 0.863331033 0.620220022 1.018350701
YJR009C YJR009C::TDH2::glyceraldehyde 3-phosphate dehydrogenase 1
1.914011048 1.426416313 1.145295697 1.223370311 1 1.434277943
1.396397176 1.144678127 1.133070743 1 1.649444255 1.989543178

2.663993224	1.395943512	1	0.776017585	1.457340511	1.776230693		
0.816006925	1	1.079532211	0.704423175	0.720501925	1.080582695	1	
1.025508933	0.947677414	2.224198863	1.136985322	1.034408694	1		
1.387563957	1.709040305	1.28385219	1.060203013	0.652762809	1		
2.080492388	1.994128127	2.653748851	1.952020095	2.178433578	1.065634415		
YLR451W	"YLR451W::LEU3::Regulates genes involved in branched chain amino acid biosynthesis and in ammonia assimilation. Positively regulated by alpha-isopropylmalate, an intermediate in leucine biosynthesis."					1	0.834104472
0.995676899	0.964039937	0.943612719	1	0.896998327	0.911128635		
1.080551051	0.950335121	1	0.890972858	0.962273751	0.93118427		
0.99204678	1	0.873926973	0.749553314	0.869901589	1.068594889	1	
1.073978706		1.052945421	0.890149804	1	0.988715279	1.132453674	
1.054271812	1.344880106	1.291893062	1	0.754556995	0.571157421		
0.562524796	0.803442828	0.588970646	1	0.732527221	0.571420869		
0.879952069	0.613236721	0.790413313	0.528876872				
YLR465C	YLR465C::YLR465C::molecular_function unknown					1	1.070607913
0.711429428	1.176292153	0.732681904	1	1.407537525	1.296203538		
0.716122855	0.514208265	1	0.97002204		0.272729671	0.931976727	1
0.742023847	0.474835925	0.650949471	0.555409529	1	0.707387369		
0.769321822	0.59060813	0.383535437	1	0.735506522	0.745283534		
1.292177151	1.264993948	1.017988332	1	0.725471301	0.328654037		
0.614408791	0.974235762	1	0.664582204	0.399060698	0.922001069		
0.440991574	0.637073703	0.568279966					
YLR467W	YLR467W::YRF1-5::Y'-helicase protein 1					1	0.946690129
0.730780737	1.107346708	0.471566311	1	1.165388162	1.161771836		
0.708534211	0.625007183	1	0.962500344	0.971789053	0.477279499		
0.874723863	1	0.889679788	0.702050284	0.841683631	0.558583402	1	
0.628039497	0.393866911	0.31771319	0.787081691	1	0.797798246		
0.847207562	1.126885969	1.121332184	0.946442582	1	0.730759592		
0.599079487	0.767072769	1.005728894	0.492003725	1	0.871790129		
0.742298033	1.09218914	0.792846252	0.831233464	0.712757945			
YJR010W	YJR010W::MET3::one of three genes essential for the assimilatory reduction of sulfate to sulfide (with sulfite as an intermediate product)					1	
1.187368696	1.688065358	1.423507703	0.833436707	1	1.025324944		
1.180853026	1.209535207	0.970280924	1	1.451262818	3.27414326		
1.453707629	0.800597507	1	1.932178109	1.162969463	1.136932306		
0.907419145	1	1.33788825	0.896228354	0.784248386	0.9008343	1	
0.994206974	0.919472845	1.179620519	1.193445205	1.144273829	1		
1.16034958	1.127257092	0.770786357	0.855575412	1.034947781	1		
0.745493309	1.305895994	1.007706825	0.987124154	0.928977608	0.830967177		
YML002W	YML002W::YML002W::molecular_function unknown					1	0.984315554
0.850696004	1.072458862	0.812275999	1	1.220758766	1.159662377		
0.870748889	1	1.072432111	1.120193981	0.822188987	1.03841941	1	
0.795462673	0.66199145	1.395024162	1.154633859	1	1.587696596		
1.379644026		1.371365535	1	0.86279775	1.149774954	0.988185597	
0.903449525	0.987258095	1	1.002714914	0.865675175	1.238006375		
1.185524534	1.033904932	1	1.142374392	1.220365047	1.182847149		
0.839297131	1.221782097	0.933415171					
YJR012C	YJR012C::YJR012C::molecular_function unknown					1	1.287295849
1.578224095	1.153649047	1.579328402	1	1.230691845	1.176844372		
1.28818214	1.433435436	1	1.348798988	1.485203013	1.640852651		
1.17443468	1	1.003820724	0.750827206	0.738703189	0.803165846	1	
1.23926434	1.366494775	1.165145286	0.986016142	1	1.051556704		
1.079446822	0.967903303	0.919378294	1.288042365	1	1.233919341		
1.650154533	1.279987515	1.313006583	1.749134583	1	1.036290666		
1.179065872	0.893991618	1.323244818	0.965013254	2.041955183			

YML004C YML004C::GLO1::Regulated by HOG (high osmolarity glycerol)-MAP
(mitogen-activated protein) kinase pathway in osmotic stress response 1
0.890533835 1.06723618 1.100873089 1.150570983 1 0.951751116
1.006332954 1.444750666 1.356491056 1 0.778932241 1.15449475
2.1129264 1.208879786 1 1.327093391 1.62903035 2.624345741
2.605105078 1 1.875144983 1.627906846 3.926967797 2.822002532 1
1.079622201 1.045023603 1.394082392 1.031069225 1.181609673 1
1.102313505 0.937210435 1.129419799 0.814399253 0.730552656 1
1.007747715 0.78554799 0.940516554 0.766523318 1.243240039 1.570869482
YML006C YML006C::GIS4::GIG3 suppressor 1 0.700581658 0.76777501
0.811825789 0.818843878 1 0.786655189 0.747023605 0.8883746
0.674692701 1 0.746722611 0.770302378 0.490879085 0.861653158 1
0.75938439 0.662539008 0.611700476 0.659221116 1 0.950045204
0.831341099 1.036427051 1.279252937 1 1.007879517 0.827004292
0.882180744 0.830773422 0.986313845 1 0.96247162 0.847023367
0.823258148 0.889997477 0.783437922 1 0.856383824 0.79909199
0.919771237 0.911553431 0.903434709 0.908897701
YJR014W YJR014W::YJR014W::molecular_function unknown 1 1.036823527
1.6533768 0.977110882 1.585090537 1 1.223748589 1.242324236
1.397854936 2.324815554 1 0.951873194 1.33965571 1.358868683
1.176320957 1 0.548612242 1 1.339388922
1.280040669 1.133944378 1 1.122508232 1.58587138 0.947031647
0.767494684 1.103298828 1 1.395295216 1.525248624 1.403724702
1.421039875 1.977211809 1 0.906177387 1.201810014 0.946579239
1.084778486 0.727753466 1.347585366
YML008C YML008C::ERG6::ergosterol synthesis 1 0.890149938 0.949275029
0.954443856 0.915796564 1 0.924851393 0.910785596 0.905951153
0.856893259 1 0.708833664 0.87706591 0.904858759 0.815194947 1
0.788345046 0.570416327 0.932837685 1 0.96840601 0.574547636
0.745539992 1.375012139 1 0.90056481 1.041824604 1.488986014 1.357263
1.068967152 1 0.881720324 0.955770565 1.204921972 2.126627781
1.191764793 1 0.732997343 0.77201348 1.334932066 0.928272306
0.938434596 1.14881872
YJR016C YJR016C::ILV3::catalyzes third step in common pathway leading to
biosynthesis of branched-chain amino acids 1 1.565103133 0.885909591
1.370121971 0.68888808 1 1.487260879 1.230859989 0.739699526
0.941184276 1 1.217412218 0.706656749 0.362432178 0.789450026
1 0.664631514
0.375748547 0.350056034 1.179461463 0.710915454 1 0.495675217
0.165973311 0.101148809 0.191037533 0.475262055 1 0.545288194
0.200068624 0.498526689 0.882952781 0.6418271 0.587543707
YML027W YML027W::YOX1::Homeodomain protein that binds leu-tRNA gene 1
0.936289164 0.947838995 1.322479406 1.174362619 1 1.130081168
1.2448201 1.354293427 1.671419487 1 0.654069578 0.730645393
1.077602117 1.686806344 1 0.813180611 1
0.464819501 0.886703241 1 0.588731934 0.650029939
0.864167387 0.828615847 0.794334943 1 0.503513756 0.549844849
0.536190586 0.843043337 0.849280595 1 0.560574023 0.557104054
0.959980295 0.785118976 0.722618021 0.960559531
YJR030C YJR030C::YJR030C::molecular_function unknown 1 1.422030774
0.933322953 1.018981803 1 0.994597357 1.03181408 1.014182888
1.02862097 1 1.070809137 0.795299769 0.682137525 0.92627996 1
0.681147693 2.45555445 0.46017203 0.496722814 1 0.959246504
1.309673649 0.675866483 0.953015948 1 1.177297296 0.846474112
0.844118456 0.944374929 0.954455105 1 1.042138424 1.115766975
1.094216027 0.869081674 1.268091909 1 0.823962001 1.408563203
0.888523768 1.176215984 0.908504665 1.56211325

YML029W "YML029W::USA1::Identified by its interaction with the U1 snRNP-specific protein, Snplp." 1 0.764016961 0.740977672 0.980387465
0.518898411 1 0.994314727 1.130395318 0.836872588 0.658706855 1
1.138409992 1.178347964 0.586013059 0.933725539 1 0.752443209
0.793981697 0.999736476 0.589815549 1 1.510968601 1.66922226
1.305590482 0.917326244 1 1.056128335 1.287354417 1.41410343
1.066044475 0.94716552 1 0.949826507 0.655684532 0.944352473
0.965710967 0.381307934 1 0.782286312 0.827544075 1.061332442
0.35505937 0.787017092 0.795942198
YJR032W YJR032W::CPR7::a cyclophilin related to the mammalian CyP-40; physically interacts with RPD3 gene product 1 0.840919284
0.753713263 0.860576792 1 0.848728933 0.657394766 0.842579914
0.877835727 1 0.685505896 0.567376686 0.765843776 0.77929571 1
0.671284323 0.498633602 0.34450892 0.613014571 1 1.116519305
1.367279134 1 0.972289706 0.72905684 0.637159046 0.930983283
1.05694361 1 0.799922334 0.659484538 0.603351028 0.595357527
0.886388158 1 0.901954075 0.642084292 0.736927098 0.921430262
0.800422924 1.261774171
YML031W "YML031W::NDC1::dispensable for mitotic spindle pole body duplication, but required for insertion of nascent spindle pole bodies into the nuclear envelope. ndc1 parental spindle pole bodies form monopolar spindles in mitosis. Required for meiosis II." 1 0.772569167 0.626244641 0.933374329
0.709527638 1 0.882289514 0.866469851 0.865952871 0.786248229 1
0.789859794 0.708018744 0.501138108 0.917911986 1 1.005539119
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0.949676982 0.764955997 1 0.961230493 1.006604212 1.183811007
1.214356312 0.82937666 1 0.862373703 0.676764443 0.73440467
0.700617155 0.528149277 1 1.022013278 0.928520201 1.09807286
0.798444926 0.712508675 0.684737973
YJR034W YJR034W::PET191::Required for assembly of active cytochrome c oxidase 1 0.963690732 1.371930826 1.12395265 1.816366392 1
0.977328513 1.002948455 1.614344872 1 1.091628785 1.469015134
2.035435403 1.556488059 1 1.067063367 1.237271726 1.207554472
1.419098962 1 1.524250019 1.967066328 1.713011655 0.809304461 1
1.10601164 1.342893237 0.799326434 0.88763947 1.075032065 1
1.539227413 2.094676526 1.500745485 1.511691411 2.477223568 1
0.84370201 1.254052482 0.871502536 0.926564358 1.30796343 1.194351103
YJR036C YJR036C::HUL4::ubiquitin-protein ligase (E3) 0.980104457
0.999882228 1.013232882 0.892306522 1.163186555 0.936760883
0.832625461 1.432290772 1.648980819 1.145417088 1
1.640070597 1.236705389 0.930255522 1.269352848 1 1.944917305
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0.739622488 0.835956619 1 0.784865281 1.118099108 0.892379009
0.708766532 0.933076638
YJR038C YJR038C::YJR038C::molecular_function unknown 1 1.187059597
1.213125015 1.459934435 0.970604169 1 1.747885693 1.014024643
0.964464766 1 2.036930537 1.496135948 1 1.194820153
1.456031712 0.998507454 1 0.843391905
0.6433603 0.948696125 0.68935363 0.738705198 1
1.274978239 1 0.790823478 1.159221791 0.713413752
0.729826673 3.244186853
YJR040W "YJR040W::GEF1::Integral membrane protein highly homologous to voltage-gated chloride channels from humans, mice and fish" 1 0.781603042
0.681813652 0.468365958 1 0.961904135 1.067139412
0.538142272 1 1.038415214 0.957661731 0.508320468 0.730691955 1
0.694105351 0.568145265 0.700196512 0.510499669 1 1.208811418

1.100237198	0.790056486	0.864825067	1	1.262321287	1.304545845
1.480181938	1.245783753	1.232022326	1	0.874365871	0.946134899
1.015828209	1.010358037	0.585707082	1	0.991426699	1.007926009
1.015441995	0.574296776	0.749407487	0.799444701		
YMR085W	YMR085W::YMR085W::molecular_function	unknown	1	1.268403743	
1.369607413	3.440859945	0.644976665	1	2.140373402	1.640393268
3.239238773	2.801106145	1	1.188493284	2.361672262	2.286628962
2.467367731	1	0.502092573	1.324970024	1.589840878	0.240739413
0.543974429	0.267988065	0.155167967	0.222026703	1	1.545629062
1.671138414	1.946696349	3.59469475	2.589342919	1	0.849654266
0.220543623	0.509827015	0.980023927	0.121865163	1	0.429271551
0.280126227	0.424428749	0.219229509	0.548063419	0.217154748	
YCLX02C	YCLX02C	1.10077057	0.883722794	1.383146589	1.042602041
1.165931063	1.018200099	1.324518801	0.546151307	0.543666536	
0.394975307	1.699524847	1	0.338129234		
	1	0.505003737	0.834822821	0.778318983	1
0.549170011	0.416760669	0.751353237	1	0.505149278	
0.545362667	1.196674605	0.67658722	0.630449305		
YCLX04W	YCLX04W	1	1.282472907	0.944407334	0.62621697
			0.441827007	1	
1.211954155	1.099494377	0.721473359	0.520704103	1	1.629251573
1.281498891	1.047732551	0.713020273	0.775286432	1.088816834	
1		1	1.027555775	1.013239145	1.191747553
1.154556098	0.968221335	1	0.729376238	0.860075133	0.729174152
0.900009997	0.608736193	1	0.660686446	0.661730929	0.904837406
0.371580712	1.060423549	0.977196433			
YCLX06C	YCLX06C	1	1.138489593	0.928058632	0.789610206
					1
1.124539854	1.102816642	0.823669177	0.955351681	1	1.075719715
1.216699387	1.484613181	1.001352523	1.763706802	1.592340901	
1.197885418	1.481984593	1	0.885544043		
0.99011707	0.908719362	0.962416364	0.787806181	1	1.0317609
1.107057056	0.955329911	0.774026515	0.891234235	1	0.805066425
0.842735582	0.74059341	0.815736779	0.945202252	0.791564082	
YCLX08C	YCLX08C	1	1.857088707	1.48436498	0.936913249
					1.11195475
1.487917509	1.533921104	1.134894497	1.084342794	1	101.3811037
126.7772464	31.3549099	13.30727152	1	58.44147995	29.34426919
2.797011208	1	66.26207593	83.22588843	39.09361318	7.188372656
75.95999899	219.6530031	251.7152521	33.28318928	2.940523927	1
49.12906774	195.0418355	324.2794057	153.8536106	34.36200909	
1.835085751	4.389718832	3.594155905	0.174188367	0.010587861	6.188910292
YJR054W	YJR054W::YJR054W::molecular_function	unknown	1	0.900686998	
0.743427257	1.041903609	0.857063312	1	0.906219361	0.900708013
0.914719457	0.937372216	1	0.623166211	0.545766155	0.452483166
1.124973298	1	0.634631404	0.587441016	0.740653371	1
0.813681171	0.576950293	0.643272244	0.86582613	0.688180366	
0.557763012	0.861808063	0.726196707	0.928165867	1	0.876935685
1.227133849	0.893926645	1.02204608	0.89785601	1	1.234766669
1.207212998	0.475666338	0.920824588	1.385237183		
YCLX10C	YCLX10C	1	1.682462648	1.525763898	1.133896811
					1.29855817
1.093354201	1.063446366	1.333836773	1.333519209	1	1.918702743
1.745937938	1.057009532	1.62612942	0.687799145		
		1	1.373203205	1.648788745	3.781542458
1.160796837	1.046803098	1	0.652462277	0.894725414	0.74873864
0.891966254	1.32919803	1	0.77244356	0.819087402	0.777420159
0.570050291	1.030749567	1.337077805			
YCLX12W	YCLX12W	1	1.18612249	0.869846557	0.850870166
					0.884467159
0.77179396	0.680351389	0.791757599	0.849864885	1	0.924316185
0.813929466	0.751578196	0.892855754	1	0.825084708	0.433045065

	0.681283148	0.846531251	1	1.193389119	0.930293009	1.065411126	
	0.617076911	1	1.19204885	0.887692755	1.134130275	1.373549364	1
	0.740502578	0.87550213	0.788249452	0.687456458	0.761209897	1	
	1.193102931	1.070209636	1.07242175	0.521504437	1.060889505	0.911524592	
YJR056C	YJR056C::YJR056C::molecular_function unknown					0.765860488	
	0.880306316	0.960368595		0.716750985	0.735915958		
	1.117601464	0.693238386	0.820788416	1.018989527	1.040665272	1	
	0.91635254	1.033412626	1.941483494	1	2.383907556		
	1.60666157	0.952604047	1	1.01535322	0.973293215	0.823958153	
	0.821920043	1.004392459	1	1.313043312	1.647324462	1.20755009	
	1.424886158	2.0295463	1	0.918457607	0.942588196	1.159225708	
	0.80655479	1.169833634					
YCR014c	YCR014c::POL4::Probable homolog of mammalian DNA polymerase beta; may function in double-stranded DNA break repair					1	0.790950924
	0.731550929	0.889085412	0.927972226	1	0.745376784	0.839811354	
	0.908824231	0.836617459	1	0.775391613	0.699651246	0.653369053	
	0.617663707	1	0.638335302	0.822171474	0.841219576	1	
	0.856870477	1.316482066	1.39604962	1.161413671	1	0.682007885	
	0.90149472	0.827866133	0.739638873	1.046253227	1	0.7890806	
	0.920739188	1.109840924	1.06702051	1.38608247	1	0.838987488	
	1.196867841	0.992325098	0.76503667	1.339362494	0.971942653		
YJR058C	YJR058C::APS2::Related to the sigma subunit of the mammalian plasma membrane clathrin-associated protein (AP-2) complex					1	1.335479001
	1.566008754	0.974455072	1.840660833	1	1.047021402	1.615045492	
	1.566344487	1	1.420290767	1.429780743	1.281097396	1.753522516	1
	1.382220509	0.993531488	1.632236363	1	2.91415115	4.460451722	
	3.327911906	1.641102445	1	1.152201008	1.104665562	0.672587799	
	0.835829323	1.062282317	1	0.95236422	1.902705148	1.722628643	
	1.233720728	1.952027321	1	0.98645615	1.674937123	0.88981201	
	1.650444241	1.198773037	1.242510482				
YCR016W	YCR016W::YCR016W::molecular_function unknown					1	0.892124751
	0.913463705	0.828258032	1.066466331	1	0.68320641	0.634790532	
	0.958880216	1.045593742	1	0.843733455	0.733907375	0.760020221	
	0.914609494	1	0.929097819	0.627464314	0.531156686	0.695818908	1
	1.480088152	0.89023056	0.702935108	1	0.547551777		
	0.944141698	1	0.947786532	0.955109325	0.760192222	1.252519649	
	1.3498089	1	0.916181738	0.963999208	0.909773366		
YJR060W	"YJR060W::CBF1::centromere binding factor; binds in vivo to CDE I sites in centromeres (and some promoters), and induces DNA bending, required for mitotic segregation and normal growth rate"					1	0.757599025
	0.878111216	0.743070152	1	0.983715016	0.776908582	0.834989836	
	0.747156983	1	0.886583628	0.915017961	1.131770888	0.925853435	
	1.610138698		1.149749999	1.153689493			1
	0.935116307	1.029328435	1.138742958	1.110982712	1.325076151	1	
	0.792122908	0.891206166	1.254825403	1.143163142	0.854345293	1	
	0.747542157	0.865836775	0.79974905	0.541440997	0.694313722	0.592797436	
YCR018c	YCR018c::SRD1::involved in the processing of pre-rRNA to mature rRNA						
	1.066294538	0.936108426	0.769284474	0.947641987	0.79423759		
	0.649143785	0.895815786		0.834538686	1.008358642	1	
	1.028414725	0.863895021	0.823570514	0.846836952	1	1.01458941	
	1.115891315	1	1.0055378	1.113991099	1.09649046		
	1.189056137	1.025304659	0.628168676	0.999178322	0.72756934		
	1	1.174800117	1.240249361	1.094253421	0.585174804	1.266613166	
	1.006092019						
YJR062C	"YJR062C::NTA1::Removes amide group from N-terminal asparagine and glutamine, to generate aspartate and glutamate, which are destabilizing terminal residues"					1	1.159134131
		1.001145491	1.033525436	0.868489297	1		

1.115679359	0.889243284	1	1.390565579	1.281597352	0.900499427
1.280629882	2.137854588	0.396143716	1.321212616		
1.048914494	0.909112073	0.926238166	1	0.856556716	1.01502075
0.97109452	0.967117224	1.095782674	1	0.932125886	0.820435095
1.117757017	0.945354628	0.682761246	1	1.027669029	0.917969294
0.844796867	0.681101406	0.912144777	0.743404756		
YCR020c	YCR020c::PET18::Transcription regulator			0.730153185	
0.731121178	0.617216577	0.913378105	0.510927205	0.52502658	
1.323783996	1.85100475	2.728601655	1.275622641	1	0.965802891
1.130416374	1.583710021	2.583951935	1	1.286705512	2.844950506
2.532858105	1.507622952	1	0.900959457	0.748304343	0.730147162
1.040577837	1	1.237411003	1.014679272	1.136649732	1.834956514
0.601089986	0.957264038	0.943635325	1.094457867	0.896438927	1.564740036
YJR064W	YJR064W::CCT5::Required for assembly of microtubules and actin in vivo				
1	1.140317677	0.956418239	1.020527941	0.885054608	1
1.153778402	1.01933794	0.898086512	0.862395484	1	0.874983956
0.873096131	0.762938939	0.750856997	1	0.579810963	0.863638909
0.445895577	0.553069162	1	0.946821068	0.705439321	0.676430378
1.106407183	1	0.963318011	0.965204435	0.98760818	0.91996334
1.061142094	1	0.859352589	0.803592895	1.061143128	0.655850022
0.531525529	1	0.956908982	0.788399366	0.858673477	0.674802787
0.636437206	0.78018096	YJR078W	YJR078W::BNA2::Biosynthesis of Nicotinic Acid	1	1.41351883
1	1	1.231403076	1.453188429	1.400560902	1
1.395697625	1.387726058	0.618417506	1.820065656	1	2.694807602
0.166475889			0.456596266	1	0.870185643
0.813534084	0.889092613	0.785408799	0.820676172	1	1.010178854
1.251091905	1.11291799	0.942741439	1.208039864	1	0.6732962
0.796032182	0.58643201	0.877927691	2.626872		
YJR080C	YJR080C::YJR080C::molecular_function unknown	1	1.38820318		
1.318860895	1.719578532	1.575565621	1	1.610617117	1.259155291
1.37371669	1	1.388024759	1.403274665	1.512525078	1.590603508
0.902794547	1.133069465	1.167358051	1.06310613	1	0.900828078
1.312128702	0.827453002	1.633073124	1	1.164747877	1.167983528
1.457660034	1.20900351	1.281008661	1	0.945044118	0.839668734
1.241699194	0.842852823	0.598690182	1	0.940147528	0.783713835
0.899614179	0.754601235	1.003106186	0.684737973		
YJR083C	YJR083C::YJR083C::molecular_function unknown	1	0.941157854		
1.299733424	1.114603677	1.447729845	1	1.033570502	1.009791287
1.248118942	1	1.193895448	1.154384993	1.415025747	1.427187311
1	1.259274049	1.058704416	0.906642135	1	2.405827272
2.459849468	1.876859689	1.808758948	1	1.164100234	1.143797974
0.998223827	0.855347287	1.288018298	1	0.985879254	1.609658108
1.398830999	1.544403706	1.698669824	1	1.01570718	1.303547658
0.960038276	0.94260106	0.962364643	1.17683864		
YJR085C	YJR085C::YJR085C::molecular_function unknown	1	1.166689492		
1.397149918	1.082991034	1.423019789	1	0.950856373	0.928599542
1.532027928	1.451248058	1	1.169536952	1.41995194	1.555357085
1	1.274379221	1.244377628	1.454171244	1.998539906	1
1.884709932	2.71119481	3.420842273	2.254911184	1	1.132980692
1.04374381	1.387957441	1.134668445	1.235156418	1	0.927434944
1.565457806	1.821569582	1.822132592	1.58622374	1	1.123294891
1.824020275	1.38686637	1.392733654	1.446335679	1.261774171	
YCR021c	"YCR021c::HSP30::Protein induced by heat shock, ethanol treatment, and entry into stationary phase; located in plasma membrane"				
1.140171761	0.797172586	0.778280371	0.727647541	0.670013036	
0.848732813	2.625866464	2.181012492	1.302951101	1.061224068	
2.96246911	2.718874647	2.2755412	1.556838426	1	17.86821264

	8.744724817	9.575593604	3.162607674	1	3.179737626	1.899763124
	1.263813897	1.153954182	1.225993158	1	11.52692145	2.44907432
	2.29387618	1.034659673	1.034988868	1	16.43848151	3.380961527
	0.679451829	0.303029205	1.447546171	1.554232579		
YCR023C	YCR023C::YCR023C::not yet annotated			1	1.030752736	0.67981426
	0.922916384	0.742937175	1	0.980388764	1.003708603	0.699720353
	0.741571874	1	1.347902269	0.862280629	0.565920349	0.99953892 1
	0.566517144	0.710171223	0.584773332	1	1.17036153	0.940603938
	0.95522826	0.862350596	1	1.059447041	0.940811273	1.146320349
	1.162064767	1.144889575	1	0.824213962	0.672748512	0.866080408
	0.596228824	0.407511898	1	0.865478667	0.657399963	0.900695134
	0.557768978	0.755412256	0.767922225			
YCR035C	YCR035C::RRP43::Ribosomal RNA Processing			1	1.294334578	
	1.077996002	0.619446677	1	0.933330133	0.923699423	0.999873465
	1.11748143	1	1.152262177	1.104357084	0.931686582	1.31448671
	0.514283052	1	1.675645436			1
	0.981477843	0.906289324	1.472973676	1.065700162	1.102886652	1
	1.194005986	0.936724902	0.929829792	0.958551627	1	1.75809192
	1.331760259	0.816590927	0.857858928	0.716735692	1.098032451	
YCR037c	YCR037c::PHO87::May collaborate with Pho86p and Pho84p in inorganic phosphate uptake; protein contains 12 predicted transmembrane domains			1		
	0.848780601	0.708626092	1.116436161	0.878942774	1	0.966134181
	1.019494484	0.811764519	0.70961853	1	1.068964095	0.800945924
	0.434975225	0.909458507		0.546235447	1.557911839	1.193759492 1
	0.459229552	0.334306119	0.536902725	1	0.826250055	0.929875812
	1.016830667	0.989817236	1.141064351	1	0.940247209	0.552927651
	0.962810452	0.951837847	0.543952824	1	0.640544365	0.458352553
	0.735311782	0.728197105	0.774927232			
YCR039c	"YCR039c::MATALPHA2::Homeobox-domain containing protein which, in haploid cells, acts with MCM1 to repress a-specific genes. In diploid cells alpha2 acts together with a1 to repress transcription of haploid-specific genes."			1		
	0.64707378	1.026813598	0.879670459	1.201803027	1	
	0.717226172	0.758545053	0.916516283	1	0.886775995	1.189072269
	0.966952032	0.933845625	1	1.264082028	1.418598991	1
	1.098008351	0.91188521	1.096983387	0.6257283	1	0.982870953
	1.243393003	0.700396345	0.679887716	0.982253477	1	1.251734134
	1.346423312	1.49473337	1.705165831	1	0.892024952	0.991964291
	1.102393924	1.057689556	1.321751372	1.369475945		
YJR087W	YJR087W::YJR087W::molecular_function unknown			1	1.043357375	
	1.096898812	0.893305166	1.266886493	1	0.835630076	0.750301627
	1.265247054	1.265169779	1	0.901930604	1.183788486	1.491528838
	1.167410486	1	1.293116613	1.079025009	1.069318094	1.34151312 1
	1.53309268	2.124478525	1.927609933	1.1147614	1	0.862705754
	1.027502119	0.705564149	0.646351491	0.919720398	1	1.019325617
	1.526036278	1.021593278	0.878739208	1.343534963	1	1.200741184
	1.886797636	1.152616785	1.207001308	1.261750169	1.483307061	
YCR041W	YCR041W::YCR041W::molecular_function unknown			1	1.387207751	
	1.458386253	0.892434952	1.391862718	1	0.980310422	0.909077262
	1.300643983	1.279864492	1	1.007125186	1.108866371	1.39451723 1
	1.002366742	1.444375575	1.446729742	1	1.03146412	2.026885472
	1.756288003	0.874978879	1	0.837773121	0.822649588	0.595476958
	0.770026235	0.868432459	1	0.884386903	0.684385959	0.774722642
	1.182013168	0.936221812	1	0.5201538	0.433663309	0.611988335
	0.319486684	0.868581452	1.211863567			
YJR089W	YJR089W::BIR1::baculoviral IAP repeat-containing protein			1		
	0.811896416	0.881696443	0.949953809	0.934468259	1	0.867855383
	1.113488744	0.914817039	1	0.807959029	0.964089136	0.766345496

1.132978039	1	0.943839228	1.161234138	1.305934597	0.982720718	1
2.401189661	5.647260171	4.579537326	2.420339864	1	0.832560698	
0.863866436	0.741536533	0.710749795	0.962794384	1	0.97216815	
1.075449476	0.93853195	0.928564138	1.137263047	1	1.309187039	
1.527329758	1.355075362	0.867072173	1.183703772	0.865116491		
YCR043C	YCR043C::YCR043C::molecular_function unknown				1	1.479207272
1.700249457	0.96826916	1.520894139	1	1.013131189	1.034934718	
1.251415974	1.448199649	1	1.103532666	0.885092343	1.617516318	
1.111318606	1.087076272		0.648771302	1.034224813	1	
1.287414919	1.006882407	0.885558754	1	0.995803455	0.996554951	
0.667546568	0.996852685	0.939377381	1	0.928483243	1.132284221	
0.899852391	0.773451871	1.441709186	1	0.815104885	0.967563641	
0.76837117	1.098603774	1.17489611	0.985077			
YJR103W	YJR103W::URA8::Last step in pyrimidine biosynthesis pathway				1	
1.206216128	1.276978022	0.794976803	1	1.363924424	1.432795973	
1.00468318	1.089469818	1	1.051376303	1.209059338	1.164113642	
0.971208022	1.468127749	1.278962345	1.60541506	1.446280576	1	
1.1906622	1.29563538	1.234023114	0.703680435	1	1.09560517	
1.014042196	1.29407886	1.434257601	1.062854774	1	1.152923503	
1.066211785	1.014547478	1.223452301	0.609271776	1	0.848790398	
0.690694565	0.905307934	0.789438595	0.884769367	1.077017537		
YCR045C	YCR045C::YCR045C::molecular_function unknown				1	0.764599221
0.635880097	0.71469143	0.562304375	1	0.798546713	0.695661863	
0.78516199	0.828034871	1	0.818883192	0.726887189	0.732456659	
0.816035073	1.146502151		1.091128265	0.868468573		
0.724605914	0.661501937	0.428330789				1
0.85879073	0.874076791	0.760990498	0.780201304	0.928758889		
	0.886131457					
YJR105W	YJR105W::ADO1::adenosine kinase				1	1.14097917 0.84333953
0.832421506	0.55121945	1	0.979310098	0.869461548	0.760611937	
0.862085944	1.024420988	0.81401424	0.741482756	0.625804463	1	
0.896307869	0.747484366	0.746331398	0.900730843	1	1.056110244	
0.856049809	0.669660475	0.904107572	1	1.271670083	0.949884873	
1.421756307	1.45706869	0.960967297	1	1.1219542	0.806663371	
0.816251664	0.651723323	0.515365165	1	0.919827231	0.598659056	
0.889660354	0.628138672	0.538678162	0.830091564			
YCR059C	YCR059C::YIH1::piecemeal microautophagy of the nucleus (PMN)					
1.184498109	0.982799906	0.75027597	0.735205706	0.937103459		
0.769965755	0.814040088	1.240595381	0.956176151	0.918492892		
0.825287722	1.0737034771	0.627498082	0.604526621	1		
0.915229645	0.836683442	0.735422497	0.992149095	1	0.955694252	
0.954133004	1.096211531	1.128635944	0.898781143	1.067331771		
1.072726493	1.321827574	1.008043187	1	0.853598237	0.630488286	
0.91907731	0.457932611	0.839717661	0.907146476			
YJR107W	YJR107W::YJR107W::molecular_function unknown				1	1.011682685
1.024644191	0.905986033	1.033730376	1	0.865763193	0.932862363	
1.003512194	1.045256326	1	1.075932555	0.942209043	1.154079114	
0.937384882	1.0891772248	0.891960416	1.160731624	1.068787989	1	
0.913699503	1.249170042	1.213959128	0.955628695	1	1.345051263	
1.534044484	1.644414232	1.685263444	1.215478153	1	0.902627615	
1.163443641	1.1702583	1.048399732	1.050447988	1	0.946004249	
1.196759288	0.922758227	1.107790078	1.041113367	1.469297049		
YCR061W	YCR061W::YCR061W::molecular_function unknown					1.037974935
0.95319068	1.347365978	0.543327802	1.115080493	1.345517976		
0.816518109	1.809653688	2.039278348	1.789074567	0.969199119	1	
1.130098287	1.533548947	0.831680087				1
0.707774652	0.816662562	0.954454071	0.680112028	1	0.634547205	

0.449517762 0.793871413 1.023536726 0.562843044 1 0.799219764
 0.655736626 0.950855272 0.148767013 1.398025985 0.575284973
 YJR109C YJR109C::CPA2::carbaryl phosphate synthetase 1 1.690667516
 1.320135905 1.084329662 0.471334736 1 1.379847372 1.419145172
 0.700035691 0.626792474 1 5.772849518 3.793025276 0.465615028
 0.529664883 1 1.279765931 0.988101529 0.314756249 0.154332827 1
 1.6570511 1.18101454 0.376458398 0.466609664 1 0.977114096
 0.857469743 1.051024455 1.11591016 0.782663609 1 2.056404001
 0.82539031 1.399357897 1.294787662 0.557649483 1 1.923892246
 0.831982036 1.888775265 0.920172613 0.668274111 2.538433914
 YJR111C YJR111C::YJR111C::molecular_function unknown 1 1.301610686
 1.309613327 1.085418783 1.164902736 1 1.303409455 1.422039704
 1.085900998 1.311129641 1 2.313349837 1.025616393 0.979161011
 0.895365499 1 0.57066104 0.376077174 0.326995391 0.5085393 1
 1.104361153 1.332040149 0.515431427 1 0.942348182 0.842313785
 0.916664406 0.956870772 0.913314245 1 1.239130358 1.041739253
 1.012063183 0.96255278 0.954075955 1 1.089730359 1.11156071
 1.036247605 1.302169637 0.752938492 2.164542426
 YJR113C YJR113C::RSM7::mitochondrial ribosome small subunit component 1
 1.243799724 1.513206745 1.083170198 1.05864897 1 1.348471028
 1.384085179 1.449982036 1.481080574 1 1.322497177 1.356129797
 1.866005468 1.176582409 1 0.871537395 0.603816459 0.662617833
 1.299415279 1 1.493933454 1.494036679 0.99193915 1.187337933 1
 1.091045403 1.020479501 1.475954602 1.356063116 0.98107683 1
 1.372705971 1.128380008 0.932220611 0.892192733 0.911999443 1
 1.382002246 1.01046297 0.879332912 1.100093487 0.791169524 0.992957567
 YJR127C YJR127C::ZMS1::Product of gene unknown 1 1.241826655
 1.266505245 0.972442275 1.061083195 1 1.265261876 1.202146022
 1.069681036 1.014870226 1 1.406077582 1.381698651 1.450863479
 0.940131983 1 1.207608406 1.537552085 1.318779976 1
 0.848378697 1.391164418 1.067573871 0.789085128 1 0.838034064
 0.847366441 0.692490711 0.744148159 0.907424678 1 1.052439583
 1.302692355 0.870099519 0.90404879 1.640963232 1 1.079659072
 1.224586165 1.086448008 1.436000832 1.259361915 0.605056171
 YJR129C YJR129C::YJR129C::molecular_function unknown 1 0.980942551
 0.900699808 0.923638715 1 0.89167213 0.835201889
 1.0811183 1 0.813345792 0.601029595 1.047188705 1
 0.685020103 0.327267411 0.895758127 1 0.929235903
 0.639563313 1 1.236657207 1.265093529 1.375213201 1.518968949
 1.036855422 1 1.008177619 0.999925627 0.744295387 1.323719049
 0.905753909 1 0.579358027 0.603788321 0.72622913 0.86507662
 0.586501466 2.02531828
 YCR063W YCR063W::BUD31 1 0.939141737 0.869739282 1.191328909
 0.551059716 1 1.129472709 1.370206302 0.672425464 0.587128807 1
 1.59583635 1.639668086 0.660095532 1.032410623 1
 2.720785375 0.88051703 1 1.2945043 1.824404618 1.723917715
 1.166055874 1 0.931591423 1.535280025 1.401497273 0.934969786
 0.894601009 1 1.136433027 0.705113806 1.918576928 1.168336364
 0.599459772 1 1.522234837 0.888749165 1.32213261 0.465282134
 2.052726058 0.648837381
 YCR065w YCR065w::HCM1::Dosage-dependent suppressor of cmd1-1 mutation; shows
 homology to fork head family of DNA-binding proteins 0.935778108
 0.793756176 0.815481181 0.944367805 1.014904995
 0.942898758 0.900607079 0.911752042 0.82267046 1.490021214 1
 0.507206168 1 1 0.722412258
 0.662574992 1.071737037 1.061380203 0.720499949 1 0.918471731

0.836171812 1.20053643 1.355697013 0.487051837 0.896521735
 0.810321891 1.18032618 0.881732321 0.907026792 0.689991701
 YCR067c "YCR067c::SED4::Sed4p is an integral ER membrane protein, which,
 along along with its close homolog, Sec12p, is involved in vesicle formation at
 the ER" 1 1.122708575 1.085004966 1.028428983 1 1.069549762
 1.066460191 0.939592704 1 1.479004837 1.444261611 1.814835843
 1.04069342 1 2.050831402 2.756057594 2.428709251 1.25259409 1
 0.794755899 2.383865072 1.233182076 0.608201691 1 0.90533468
 1.004597404 0.850218112 0.826200608 0.804311625 1 1.052388459
 1.706153484 1.227395756 0.809818272 0.994766775 1 1.142593207
 1.729294222 1.213418574 1.308718417 1.365256776 0.811703436
 YCR069w YCR069w::CPR4::cyclophilin homolog 1 1.075560496 0.984648503
 1.015300366 0.837724378 1 1.075116045 1.096356346 0.788803817
 0.798297664 1 1.515999596 1.377086459 1.35496122 0.996792574 1
 1.421474636 1.192382219 1.33108548 0.809878332 1 0.825171316
 0.422015713 0.416811131 0.52694811 1.204030295 1.078710019
 1.203298251 1.042990512 1 0.957062976 0.842670674 1.201566004
 1.375402132 0.508231051 1 1.115379298 0.722619463 0.986180729
 0.459057969 1.155821308 0.818708442
 YCR084c YCR084c::TUP1::general repressor of transcription (with Cyc8p);
 mediates glucose repression 1 1.243154088 0.993110882 0.640032288 1
 1.237426367 1.208957086 0.715204908 1 1.466688658 1.280180407
 0.554857894 1.083621109 1 0.771019927 0.352748996 0.703324676
 0.663357626 1 0.607185379 0.656012276 0.550142468 0.778449186 1
 0.780004924 0.70873668 0.93910207 0.883534587 0.783035206 1
 0.711693003 0.602991752 0.682946949 0.670870082 0.413480863 1
 0.642620097 0.568783489 0.993695711 0.556460802 0.695527916 0.880877781
 YJR131W YJR131W::MNS1::specific alpha-mannosidase 1 0.906198442
 0.818794871 0.804795484 0.800637667 1 0.910702744 1.016204985
 0.788923384 0.686073575 1 0.979493679 0.93692321 0.632619189
 0.882307155 1 0.897735231 0.452531183 0.953897584 0.926532862 1
 0.873988692 1.278094259 1.169735179 0.968583189 1 1.088697708
 1.128869864 1.515514691 1.127961453 1 1.034185768 0.869705061
 0.993185311 0.998236067 0.492988184 1 0.973007421 0.75839329
 1.252725757 0.900973227 0.875327778 0.984201335
 YCR086W YCR086W::CSM1::Chromosome segregation in meiosis
 0.699371039 0.958884765 0.641815805 0.670743336 0.696374192
 1.221631548 1.173357655 0.742669308 0.863097056 1.152206078
 1.10234166 1 1.045982786 1.03584205 1.308630214 1
 1.310119874 1.899742929 1.629114308 1.286303438 1.277071011
 1.237018927 0.931520563 1.080308439 1 1.011095657 1.348204893
 1.202026378 1.361948224 1.502355237 1 0.898065843 1.17218304
 1.352152506 1.507859269 1.160201842
 YJR133W YJR133W::XPT1::Xanthine Phosphoribosyl Transferase 1
 0.962248875 1.089874034 0.952100136 1.263171758 1 1.063822319
 1.023634173 1.342788382 1.339822481 1 0.806159982 0.829919405
 1.115901689 0.988055756 1 1.081399127 0.585134956 0.712671202
 1.290315507 1 1.447584201 1.21848116 1.063781292 1.296068009 1
 1.075731507 1.054654984 0.979440603 1.058916217 0.971661994 1
 1.028730842 1.03949419 0.667509189 0.831295538 1.37821532 1
 1.035165714 0.962830447 0.885453997 1.238740249 1.211227723 1.016599476
 YCR088w YCR088w::ABP1::Actin binding protein 1 0.739340415
 0.841560301 0.291912617 1 0.917005739 0.993800947 0.400511989
 0.43455627 1 0.865432117 1.070318742 1.004676563 0.583837161 1
 1.366217562 1.547777709 1.824399226 1.065528069 1 0.74411135
 0.903139112 0.8683858 1.039792523 1 1.083576943 1.015690003
 1.253406041 0.961290542 0.880745124 1 0.669028046 0.917555292

0.923796544 1.189086235 0.669786107 1 0.909698242 0.790718506
 1.235888381 0.460353326 1.247522243 0.912400256
 YJR135C YJR135C::MCM22::Required for maintenance of chromosomes and
 minichromosomes 1 1.183684916 1.266295164 1.052128205 1.512002254 1
 1.037795117 0.89547829 1.461293357 1.478734411 1 0.771316022
 0.935383423 1.05987562 1.13624192 1 0.82965449 0.890393708
 0.762696224 1.593751418 1 1.176689458 1.732288477 2.362997174
 1.101588685 1 0.894269292 1.244665106 0.939577561 1.067085254
 0.915061086 1 0.922145099 1.297195245 0.907868132 1.228028222
 1.658869218 1 0.975600605 1.079026219 1.216445261 1.125493105
 1.537474131 1.055126958
 YCR090C YCR090C::YCR090C::molecular_function unknown 0.860669614
 0.93724723 0.696604987 1.122877399 0.673164761 0.684292014
 1.209706724 0.973874453 0.743874924 0.836654156 1.030675246
 0.886964052 1 0.901781256 0.580724166 0.691630443 1.052794174 1
 1.773822705 1.737034436 1.984843488 1.374990931 1 0.961188307
 0.980907181 0.627394027 0.772195739 0.896409951 1 0.921214039
 1.537690546 0.986112811 0.804268201 1.563559121 1 1.215185824
 1.440753881 0.835729312 1.494982472 1.411688811 1.507824531
 YJR137C YJR137C::ECM17::ExtraCellular Mutant 1 1.14083979
 1.145769737 1.430143971 0.952409252 1 1.152274423 1.224555733
 0.998133119 1.056918165 1 1.183850668 1.368831943 0.809690847
 1.271876784 1 1.12548307 0.516746137 0.933995055 0.854047119 1
 0.763504441 0.458053728 0.580196894 0.615918771 1 0.731685744
 0.600221457 0.693091017 1.018211176 1 0.57332008
 0.37927416 0.750973371 0.409353683 1 0.590369373 0.501564642
 0.679953921 0.846795269 0.774671301 1.634789994
 YCR092c "YCR092c::MSH3::acts in mismatch repair in mitosis and meiosis but
 to a lesser extent than MSH2, required for microsatellite stability"
 0.928390408 1.003298638 0.922470437 0.91729393 0.839034527
 0.86662337 0.77191323 0.871671924 0.923386968 1.271399877
 0.957451228 1 1.280497804 1.131316861 0.87116211 1
 1.786692249 1.946696344 1.41388847 1 0.890485117 0.900088854
 1.122181957 1 0.81731766 0.700176219 0.914548636
 0.830926111 1 0.889526814 0.67419773 1.071213038 0.595454754
 0.995894099 1.108540012
 YJR151C YJR151C::DAN4::Delayed Anaerobic Gene 1 0.783631628
 0.838597469 0.89578919 0.739673973 1 0.983512537 0.934403877 0.817836
 0.787566346 1 1.207828956 1.030045441 0.840882543 0.912674587 1
 0.906390463 0.780895761 0.802942336 1.009501356 1 0.895015969
 1.256362758 1.218975504 0.786386227 0.621484729
 0.978117274 1
 YJR151C YJR151C::DAN4::Delayed Anaerobic Gene
 1 1.083912331 0.988002477
 1.233867187 1.299942025 1.279927891 1 0.929577787 0.757548877
 0.773866006 1.025297957 0.567923849 1 0.602439237 0.606677817
 0.706657465 0.648228414 0.650644665 0.627822415
 YCR094W YCR094W::CDC50::cell division cycle mutant 1 0.882910805
 0.866559291 0.926903501 0.667803894 1 0.887678115 0.895770617
 0.768667799 1 0.920637821 0.92226017 0.603606764 0.982445497 1
 1.135866413 1.48990189 0.76384985 0.755049714 1 0.659919358
 0.978009786 1.379385117 1 0.828899901 0.813263357 1.220158452
 1.053213706 0.945493067 1 0.870163075 0.92454753 0.980124289
 1.105589445 0.668318082 1 1.052493292 1.106036654 1.320646658
 0.812735806 1.109421204 0.844977137

YJR153W YJR153W::PGU1::Endo-polygalacturonase 1 1.078170261
0.832332453 1.125276935 1 1.033610527 1.142008242
0.90883326 1 1.073688507 0.915976083 0.689001258 1.044501035 1
0.809189709 0.7421863 1.056996577 0.660151688 1 0.453940051
1.023088275 0.501745653 0.430829321 1 0.867312091 0.918809131
1.151710232 1.297957574 0.972030589 1 0.633033427 0.718346068
1.029827444 0.508427459 1 0.818876671 0.619913156 0.795031548
0.870774547 0.587393072 1.543725122
YJR155W YJR155W::AAD10::high degree of similarity with the AAD of P.
chrysosporium 1 1.020331511 0.996352613 0.896852108 0.88704946 1
0.864764566 0.938124987 1.019873723 1.182832637 1 2.615422636
2.718736438 1.838121427 1.029632072 1 2.878718138 3.235682219
4.247314913 2.53270194 1 2.96624303 2.692035355 2.897430743
2.049371734 1 1.216576489 1.871914188 1.771382732 1.082836226
1.070349007 1 0.76946811 1.440245572 1.384457833 1.269252043
0.502806342 1 2.45301302 3.408214881 2.430452874 1.550414244
1.217395144
YJR157W YJR157W::YJR157W::molecular_function unknown 1
1 2.628034526 1 1
1.640977647 2.996318601 1.933138168 1.839177522 1 0.678646358
2.060722329 1.256845088 0.797286141 1 0.874129441
0.944412204 1 0.965862401 1.366343156
0.618190518
YJR159W YJR159W::SOR1::sorbitol-induced sorbitol dehydrogenase 1
1.818823226 1.951029075 1.660491784 1.690653989 1 1.713238608
2.249113508 1.900930655 1 1.690812943 2.251064919 1.748456873
0.585420372 0.81768855 0.635388155 1
0.780261016 0.8790262 1.136383545 0.77164214 0.894589663 1
1.825445472 1.369355427 1.262475719 0.889151854 1 0.977410382
1.212484176 1.067437818 1.134206483 1.398371531
YJR161C "YJR161C::COS5::Protein with similarity to members of the
Ybr302p/Ycr007p/Cos8p/Cos9p family, coded from subtelomeric region" 1
1.38528151 1.076194376 1.242199574 1.17514097 1 1.308007168
1.340457359 1.114900765 1.207345662 1 1.171967762 1.171331885
1.111182739 1.114102514 1 1.395513753 1.063607807 1.458606681
2.452514342 1 1.773487195 1.127965937 1.328807116 1.892512486 1
1.150401644 0.937226049 1.443870592 1.294558409 1.305703575 1
0.954447582 0.894488359 0.714494391 0.712200661 1 1.25877103
1.045816102 1.051309419 1.299705641 1.053898841 1.435147787
YCR107W YCR107W::AAD3::high degree of similarity with the AAD of P.
chrysosporium 0.869288586 0.761869276 0.896753077 0.666677883
0.822084336 0.716145075 0.830147441 2.131557384 2.190532012
1.153374629 0.878153147 1 3.565633203 3.385048948 1
2.207917441 2.69893436 1.338068544 1.020287327 1.311571381
0.797943778 0.702344074 1 1.414435619 2.245899809 3.214077574
0.943914196 1 1.376040001 1.795774861 1.681766276 0.468222901
1.057966343 0.856360259
YCRX02C YCRX02C 1 1.050139542 1.01217034 1.01833549 0.75193664 1
1.065213787 1.18331065 0.721644925 0.75269551 1 1.324108763
1.306206182 0.993149054 0.812498823 1 1.503834402 0.623772954
2.055298722 0.875213144 1 0.839961969 0.882000765 0.782332741
1.024569523 1 1.174964546 1.188013428 0.909754337 0.993221647
0.841036512 1 0.955299366 0.89342369 1.119061034 0.760341119
0.864321609 1 1.089599663 1.086368526 0.907435043 1.03409661
1.0605592 1.127803701
YCRX04W YCRX04W 1.129090174 0.912193217 1.024221746 1.164973166
0.868091985 0.705161265 0.997709968 1.077952626 0.851176156

0.745690467	0.746713672	0.995631774	1	0.581266228	0.629484778		
1.02292256	1	1.034489665	1.762763837	1.499315398	0.76136851	1	
0.929768681	0.824158678	0.703550717	0.969718109	0.961623003	1		
0.783556284	0.806017969	0.635971313	0.686053074	1.133551283	1		
0.744545657	0.963032799	0.91893088	0.926559667	1.016599476			
YCRX06W	YCRX06W	1.095845412	0.888278007	0.63045603			
0.922574765		0.856166947	1.133294077	1.020696877			
0.938358467	0.970178096	1	4.528392664	0.831314915	0.840268131	1	
0.928255912	1.187126986		0.68355986	0.98604953	0.847689325		
1.144699374	1.228426146	1.074567281	1	0.744272994	0.558463907		
0.684258838	0.761246608	0.539119754	1	0.681129993	0.768047001		
0.533611555	0.776914565	0.875624					
YCRX08W	YCRX08W	1.546496524	0.986216384	0.605002814			
1.153823795	1.14671084		0.807844964	1.661360921	1.376089816		
1.34034515	0.988778881	1	0.522221388	0.637681049	1		
0.638469358		0.639131691	1	0.854090832	0.771497689		
1.152108476	1.204212042	0.872922521	1	0.753159027	0.839175841		
0.937521801	0.861013398	0.6424074	1	0.904285866	0.828085964		
0.972413485	0.587653644	1.133877677	0.827464674				
YKL012W	YKL012W::PRP40::Splicing component that associates with the yeast U1 small nuclear ribonucleoprotein particle	1	0.882044529	1.188089396			
1.225904864	1.162276532	1	1.147373057	1.112200831	1.305684707		
1.115700158	1	1.153926495	1.37061151	1.034325043	1.291701481	1	
1.016655997		1.048897611	1.502290684	1	1.132259516	1.448771495	
1.668592788	1.086279654	1	0.822292923	1.045034163	0.882337177		
0.746398608	1.1271623	1	1.144654198	1.136251582	0.928854701		
1.197065671	1.041659914	1	1.11449333	1.232223597	1.194684477		
1.362492211	1.427903771	1.047246286					
YCRX10W	YCRX10W	1	1.319989583	1.392371858	1.093065457	1.222399687	1
1.039354166	1.018102535	1.322471393	1.24346577	1	1.584657614		
1.423549082	2.567897827	1.097769521	1	1.102198051	1.171373573		
1.771053105	1.527715324	1	1.080638453	2.342746855	2.065296402		
0.778069509	1	1.416887859	1.330873843	0.950431065	1.017866531		
0.776928457	1	1.115022401	1.821587113	1.211472769	0.957582118		
1.635291405	1	1.2068912	1.838652936	1.037798657	0.900396259		
1.545258179	1.074390646						
YKL014C	YKL014C::YKL014C::molecular_function unknown	1	1.400186046				
1.085505084	1.153791335	0.989561656	1	1.390226068	1.286789451		
0.979149553	1	1.377693216	1.007028456	0.727894812	1.076387282		
0.946538135		0.977837624	0.505248461			1	
1.18171124	1.090323146	1.276639897	1.399531661	1.139125009	1		
1.092052498		0.800753284	1.368825032	1.167052193	1	0.966311779	
1.14740338	0.729122056	1.128195281	0.698168542				
YDL003W	YDL003W::MCD1::Mitotic Chromosome Determinant; similar to S. pombe RAD21; may function in chromosome morphogenesis from S phase through mitosis	1					
0.691041996	0.942706992	1.116750296	1.005273656	1	0.874231031		
0.848701011		0.93229026	1	0.572231549	0.6554894	0.475780231	
1.793673835	1	0.624720092	0.332811687	0.974651575	1		
0.470933511	0.527364258	1.583831642	1	0.780272492	0.976522673		
1.002434388	0.658836303	1.135886823	1	1.076642089	1.090966504		
1.299758603	1.261088433	0.682393374	1	1.22912367	1.221950665		
1.587072738	1.159964245	1.363095394	1.01222136				
YKL016C	YKL016C::ATP7::ATP synthase d subunit	1	0.874502141				
1.245049002	0.919067284	1.665142004	1	1.006207654	0.985466029		
1.388156294	1.299516426	1	0.754571936	0.904366083	1.328195222		
1.072543041	1	1.431056572	1.03076924	1.087181444	2.545167435	1	
1.810148356	1.753674728	2.029789033	1.993930468	1	1.023924504		

0.982799316 0.731813911 0.834322697 0.92508184 1 0.871414117
 0.919357944 0.641015018 0.657728348 1.458970678 1 1.061726747
 0.830329794 0.764165576 1.898492419 1.692573026 1.61202375
 YDL005c YDL005c::MED2::RNA Polymerase II transcriptional regulation mediator
 1 1.003132789 1.012143367 1.112429926 1.031320131 1 1.005120583
 0.876641967 1.07800007 0.976566001 1 0.882275881 0.900309535
 0.948011406 1 0.769276531 1.089969148 0.897862513 1
 0.888180126 0.844264547 0.942152165 0.94262225 1 0.977521419
 0.908252388 0.57691463 0.564978584 0.912145247 1 1.229742454
 1.473294941 1.302155141 1.325717825 1.394292307 1 1.119062304
 0.877726147 1.045867739 0.548703313 1.036859601 0.892260903
 YKL018W YKL018W::SWD2::member of Set1p complex 1 0.940774442
 0.959068675 0.817307313 0.910884254 1 0.889091415 0.847619616
 1.030358881 0.84570753 1 0.866925737 0.858442245 0.823407935
 0.862698174 1 0.942426976 1.109592979 1.114957513 1
 1.047830139 0.973777603 0.720819727 0.89280776 1 1.074177207
 1.237178159 1.115794826 1.099707345 1.020583334 1 0.882130523
 0.941401913 0.672983069 0.72626072 1.027114741 1 0.981526618
 0.946059651 0.995338822 1.212244937 0.920660374 0.837096518
 YDL007W YDL007W::RPT2::Probable 26S protease subunit and member of
 CDC48/PAS1/SEC18 family of ATPases 1 0.631451608 0.806365528 0.957803156
 0.722444449 1 0.740791999 0.771577667 0.851542232 0.813662248 1
 0.724159379 1.049306666 1.065397036 0.904445764 1 0.941103705
 1.118487385 1.082645886 1.273919528 1 1.454878828 1.205626159
 2.083440273 1.468247607 1 0.923059341 1.315751154 1.052460483
 0.691592204 0.952020197 1 1.3324931 1.689920048 1.592472646
 0.991886719 0.978702981 1 1.24182321 1.325954986 1.042633736
 0.877744706 1.055711612 1.092778775
 YKL020C YKL020C::SPT23::Dosage dependent suppressor of Ty-induced promoter
 mutations 1 1.678652694 1.621025663 1.929503689 1.526285658 1
 1.835643483 1.721889262 1 1.47806662
 1.437225703 1
 1.03933212 0.815594607 1.154766215 0.879985377 1.086816452 1
 1.092404668 0.965279461 0.994042132 1.135405778 1 0.748198851
 1.129962199 0.902921952 1.00201405 1.469297049
 YDL009c YDL009c::YDL009C::molecular_function unknown 0.586092626
 0.9805223 0.606035127 1.226648178 0.572674332 0.541502327
 0.874752319 0.711322848 0.781652887 1.352030798 0.882069111
 0.458842989 0.408844275 1 1.578035086 2.622604009
 2.734540858 1.662102251 1 0.866492729 1.160603018 0.467143363
 1.003257647 1 1.105854915 2.307950256 2.466107956 2.07615023
 2.294765994 1 1.271604275 2.133212556 1.487164015 1.182732071
 1.595129902 1.700461836
 YKL022C "YKL022C::CDC16::a component of anaphase-promoting complex required
 for the G2/M transition in mitosis and degradation of mitotic cyclins, required
 for sporulation" 1 1.029473088 0.990537034 0.999034659 0.992378047 1
 1.021105471 1.021391388 1.012474997 0.965977961 1 0.963002418
 1.01825727 0.907852514 1.005772948 1 0.928630872 0.374437498
 0.679121209 1.028253415 1 1.00178319 1.347577382 1.026039116
 0.783106795 1 1.008982438 0.823804631 1.038220224 1.047308122
 1.011594021 1 1.283288178 1.097872191 1.143031302 1.054563269 1
 0.710376269 1.034010382 1.003420957 0.727396951 0.849355305
 YKL036C YKL036C::YKL036C::molecular_function unknown 1 1.052446001
 1.17546368 1.649372829 0.86593688 1 1.651092945 1.937434756
 1.14625792 1.026968113 1 1.266287123 1.683518654 1.151687002
 1.172778851 1 1.295708564 0.867946811 1.780686328 1.24872552 1
 1.108911639 0.966316615 0.768225593 0.812871976 1 1.012799977

	1.078028972	1.31528711	1.443078941	1.620555384	1	0.984660981
	0.471334131	0.760082459	0.672508787	0.370308949	1	1.141676128
	0.569538806	1.266953681	0.906573595	1.338046552	0.506986293	
YKL038W	YKL038W::RGT1::transcriptional repressor and activator					1
	0.988593039	0.941272217	1.004464992	0.56229175	1	1.156538891
	1.243485847	0.701865074	0.624873065	1	1.365959972	1.411378137
	0.870706391	0.798024842	1	1.027855369	0.61125142	0.623654527
	0.750111941	1	0.944878058	0.631363532	0.428689936	0.71853386
	0.859013081	0.802111584	1.171955403	0.959156675	0.847268243	1
	0.674874279	0.692974458	1.311326064	0.435533959	1	0.798767261
	0.614514162	0.677430552	0.65197489	0.624448919	1.306430994	
YKL040C	YKL040C::NFU1::Nifu-like protein					1
	0.974768325	1.27601359	1	0.913479498	0.909728079	1.272030313
	1.092133053	1	2.322192279	2.491300106	1.574004762	1.515149167
	3.473025986	2.204442573	2.212542326	1.856944206	1	3.436725525
	1.845960807	2.312725464	1.43805469	1	2.407443146	1.782233928
	1.165318186	1.599801424	1.390028322	1	1.964151383	1.492077199
	0.784040518	1.347788994	2.671313563	1	2.116277693	1.521970993
	1.943682194	2.115455815	1.126282486	2.001676476		
YKL042W	"YKL042W::SPC42::involved in SPB duplication, may facilitate attachment of the SPB to the nuclear membrane"					1
	1.787402693	2.142740057	1	1.654659626	1.620746783	1.83175145
	1.802159601	1	1.247419532	1.37679785	1.473873382	1.740366832
	0.668848009	1	0.953495536		0.797800825	1
	0.881925557	0.887388592	0.923450405	0.700642912	0.846689527	1
	0.924384806	1.369450769	0.852783027	1.070557349	1.006915442	1
	1.331955425	1.341367547	1.233703752	1.390125741	1.498517041	1.988542024
YDL011c	YDL011c::YDL011C::molecular_function unknown					0.614412229
	1.019242088	0.798356229		0.734911888	0.76447385	0.95001067
	0.80288885	0.852381845	1.009062014	1.168566	1.097446719	1
	0.555121654	0.811775311	0.927749517	1	1.960892812	1.80643669
	2.215045126	0.989388783		0.897031161	1.1035608	0.864839062
	0.664145177	0.929122727	1	0.992079634	1.363592125	1.747595289
	1.346984627	1.426382389	1	0.989747709	1.072274384	1.13833419
	0.65434472	1.290448253	0.914151482			
YDL013W	YDL013W::HEX3::Protein involved in hexose metabolism					1
	0.818257495	0.880448494	0.836075104	0.880295096	1	0.769612537
	0.877075876	0.849198699	0.806042863	1	0.843432787	0.952031939
	0.766344406	0.946315154	1	1.216826617	1.183202747	1.142500653
	0.959320357	1.019005771	0.977221342	1.212450665	1	0.812039416
	0.915464226	0.8479693	0.821037456	0.95573515	1	0.847369724
	0.821935117	0.877902242	0.887941356	0.84449071	1	0.867960246
	0.915497159	1.121936815	0.71575768	1.154080249	0.979823219	
YDL027c	YDL027c::YDL027C::molecular_function unknown					1
	1.07351397	1.219643411	1.343335894	1	1.189975435	1.201571583
	1.40460018	1.026402885	1	1.173487015	1.185062178	1.448960556
	1.19732304	1	1.344518267	1.274848115	1.863376156	1.465101055
	1.749147452	2.717397121	3.225146	2.144733301	1	1.244762258
	1.551958312	1.319209837	1.027413583	0.927909653	1	1.182909815
	1.26037664	1.670377481	0.94034923	1.4985304	1	1.66883135
	1.381346806	1.122381162	0.988349475	2.068151616	1.592760061	
YDL029W	YDL029W::ARP2::Involved in endocytosis and membrane growth and polarity					1
	0.90797842	1.016980077	0.900180701	0.921645835	1	0.788643057
	1.061323384	1.009696148	0.915815273	1	1.73699022	1.525450719
	1.61166309	1.77550847	1	2.754934226	2.121572843	2.654670776
	1.578708038	1	1.034362301	1.261870667	1.433963754	0.922230472

1.055440964 1 1.141938607 1.283109992 1.368589314 0.988123064
0.958973964 1 1.471666516 1.414681661 1.174363351 1.136326056
1.167924298 1.188221762
YDL031w YDL031w::DBP10::Dead box protein 10 1 0.738550767 0.663966529
0.978724413 0.825524052 1 0.693881042 0.683977891 0.892829519
1.010779984 1 0.598955113 0.468161797 0.486013427 1.022774174 1
0.662268074 0.391531361 0.50477848 0.574266659 1 0.93323404
1.303584276 0.688412709 0.707625887 1 0.812131938 0.776706815
0.647685281 0.750645811 0.78470223 1 0.801994734 0.899236074
0.542823775 1.070909342 1.172243737 1 0.834165809 0.968915254
1.048727516 1.115658899 0.823388492 1.113793689
YDL033c YDL033c::YDL033C::not yet annotated 1 0.87879156 0.977484983
1.107174658 0.646242183 1 0.921794773 0.967071026 1.110222919
1.050848716 1 0.850225104 0.944764123 1.056698583 1.003528021 1
0.660234019 0.842317501 1 1.722988112 0.928648085
0.825609192 1 0.977918694 0.91464451 1.077215896 1.09842443
1.143486139 1 0.766481109 1.116173811 0.976701339 0.720221015
0.890180321 1 0.876244468 1.088101486 0.87352776 0.717285423
0.730622993
YDL035c YDL035c::GPR1::G-protein-coupled receptor at plasma membrane;
interactions in two-hybrid system with Gpa2p 0.998573744 1.026075044
1.017148825 0.935435841 1.040781808
0.841942736 1.06514009 1 1.146579338
0.649605219 1 0.985526318 1.123136812 0.952671888
1.021783653 1.043800546 1 1.160768001 0.97528016 0.91132333
1.053130014 1 1.271823902 1.586464786 1.230568732 0.804579698
1.246834878 0.95530575
YDL037c YDL037c::YDL037C::not yet annotated 1 0.929966698 0.987627809
1.04719678 1.123011877 1 0.856345107 0.95451206 0.935977966
1.043705394 1 1.890813251 0.787594487 0.931397056 1.010818269 1
0.451937862 0.944144995 0.754398153 0.614774169 1 1.34112497
2.900795717 2.078195655 1.322721544 0.870699328 1.102265626
1.305020987 0.872667264 1 0.852825315 1.20039937 1
0.658625068 0.682572893 0.742594008 0.299848828 0.958718824 0.984201335
YDL051W YDL051W::LHP1::Protein homologous to human La (SS-B) autoantigen 1
0.854909861 0.783011128 0.733852435 1.027021962 1 0.67803062
0.573364847 1.110222919 1.158556555 1 0.699617541 0.476196159
0.436279411 1.079966261 1 0.693625245 0.28609743 0.289604293
0.798306555 1 1.252733609 0.595954449 0.550406683 0.809734601 1
0.946600868 0.820217664 0.653973749 0.842858657 0.807346203 1
0.894827396 0.929229456 0.625062607 1.028801926 1.416088325 1
1.078706009 0.936352463 0.996897065 1.417333695 0.658756418 0.929037055
YDL053c YDL053c::YDL053C::molecular_function unknown 1 1.099482889
1.360999602 1.01478008 1.461355783 1 1.060726005 1.091839285
1.285834635 1.336022235 1 1.052198877 1.081117587 1.430677676
1.050130371 1 0.941183941 0.89673152 0.992249153 1.521613416 1
1.478597339 2.055609378 2.076436667 1.620978049 1 0.947526003
0.696710472 0.660486572 0.87955634 1 0.91239365 1.241040315
1.071244885 0.92000692 1.666063875 1 1.094285892 1.393736577
1.059506598 1.609210017 1.491278117 1.253017939
YDL055C YDL055C::PSA1::synthesizes GDP-mannose from GTP and mannose-1-
phosphate. 1 1.076987574 0.805479847 1.108933096 0.912175077 1
1.013317806 1.087206442 0.93458716 1.154488689 1 0.841071692
0.654986614 0.555159417 1.167948997 1 0.795659693 0.522602157
0.443915541 0.600711855 1 0.751849064 0.182009731 0.205906592
0.83048302 1 1.086081093 0.974965592 1.540731552 1.334937083
1.176753467 1 1.088479335 0.892287422 1.116914263 0.558367849

	0.298159143	1	1.360821299	0.761818876	1.419566134	0.73844472	
	1.37963319		0.899265805				
YDL057w	YDL057w::YDL057W::molecular_function unknown					1	
	1			1	1.133249952	1.405573398	
	1.570102445	1	0.992587595		1.6239367	1.598292097	1
	1.483232869	2.595797906	1.918250412	1.931950259	1	0.98428342	
	0.922259752	0.865332215	1.053629048	1.151706692	1	0.866721925	
	0.960661337	1.327999278	1.089395067	0.915110471	1	0.896401048	
	0.920154645	1.231699651	0.54579602	0.878141562	2.787111269		
YDL059C	YDL059C::RAD59::Involved in mitotic recombination					1	
	0.973164619	1.717995978	1.08909291	1.383745382	1	0.923165418	
	1.006804648	1.65555759	1.353114784	1	1.862282838	5.444284056	
	4.556643848	1.924761753	1	1.097464838	0.663979975	0.933294541	
	1.168506008	1	2.381286003	2.230236471	2.637908022	1.692058417	1
		1.017852072	0.82746108	1.084755683	1	1.707005253	
	1.793262926	3.256844145	1	1.192514119	1.252859854	1.188932061	
	0.468979898		2.182055098				
YDL061C	YDL061C::RPS29B::Homology to rat S29					1	1.516838478
	1.866980939	0.764919566	1.961573875	1	1.055330268	1.035952529	
	1.668016149	1.312379272	1	1.122465825	1.040414192	1.16206387	
	1.017133124	1	0.731438001	0.286801388	0.249525106	0.558594209	1
	1.764506631	1.385263695	0.823545098	0.723543256	1	0.942744509	
	0.862650283	0.548747259	0.736363977	0.973559578	1	1.149984028	
	2.059154507	0.904131945	0.899418336	2.210768374	1	1.041731478	
	1.52831972	1.034712488	2.152002465	1.159467438	1.354590372		
YDL075W	YDL075W::RPL31A::Homology to rat L31					1	1.004732708
	1.591369854	0.90376093	2.174411592	1	0.96454516	1.001060572	
	1.503071076	1.36084148	1	0.952714443	0.973543168	0.998744249	
	1.104265211	1	0.809413932	0.321895012	0.235931021	0.479792215	1
	2.00159327	1.336454263	0.763003617	1.064084054	1	0.890185628	
	0.98097283	0.622456137	0.662820825	1.066343849	1	1.366015635	
	1.7928119	1.151383116	0.933465935	2.763405166	1	0.819760879	
	1.422437026	1.104894747	1.975375079	1.311202414	0.896639019		
YDL077c	YDL077c::VAM6::Required for the vacuolar morphogenesis in yeast					1	
	0.751369521	0.824588366	0.918193666	0.83340604	1	0.888818192	
	0.903802804	0.863999597	0.667933231	1	0.935537633	0.932319167	
	0.588866033	0.962902755	1	1.075478055		0.584224188	1
	1.224743675	2.011522868		1.236706675	1	1.024250143	
	0.680054676	0.778954119	1.003143872	1	0.864932591	1.134773211	
		1	0.868371664	1.197341709	1.228885039	1.051576368	
	1.061256299						
YDL079C	YDL079C::MRK1::putative protein kinase with similarity to mammalian glycogen synthase kinase-3 and Drosophila Zeste-White3/Shaggy					1	
	0.763547858	0.837886624	0.699585547	0.75981915	1	0.821755493	
	0.744633184	0.913992611	0.792879167	1	0.867948288	1.001372648	
	0.752856597	1	1.082821645	0.932495627	1.338987656	1.445290886	1
	1.745680138	1.489022873	1.491800689	1.102835523	1	0.865839524	
	0.971685479	0.857479695	0.969388923	1.100313267	1	0.850350812	
	0.844675982	0.71757315	1.080869687	0.904834122	1	0.805270636	
	0.694263382	1.037034927	0.979775801	1.035083778	0.795942198		
YDL081C	"YDL081C::RPP1A::Homology to rat P1, human P1, and E.coli L12eIIA"						
	1	1.483008524	1.466443232	0.689084596	1.214035866	1	0.955583483
	0.875225706	1.226259168	1.110539793	1	1.110589433	1.009786064	
	1.233111209	0.817135912	1	0.867626946	0.346190235	0.279466764	
	0.652944601	1	1.69996277	1.760104093	0.770735814	0.753442053	1
	1.01200485	1.002336536	0.858947194	1.065274303	1.046339621	1	

	0.965282042	1.096699026	0.687700928	0.580276874	1.10856556	1	
	0.954046901	1.052315632	0.813863299	1.245380285	0.791671671	1.315187225	
YDL083C	YDL083C::RPS16B::Homology to rat S16					1	1.185548025
	1.08581631	0.643865231	1.306769594	1	0.847303233	0.771775561	
	1.046746051	1.039364511	1	0.859592359	0.750157465	0.630087902	
	0.729267722	1	0.801844433	0.358184947	0.217695738	0.6119511 1	
	1.292315091	0.669457289	0.467793037	0.804907181	1	1.044416346	
	1.001358584	0.685706168	1.000761506	0.816293674	1	1.097496018	
	1.557674602	0.714597294	0.583830852	1.415955822	1	1.099391841	
	1.195485672	0.929325144	1.478704989	1.010689257	1.065634415		
YDL085w	YDL085w::NDE2::Hypothetical ORF					1	1.038329531
	1.897849963	1	1.315801236	1.81317341	2.39124943	2.225032606 1	
	1.232553778	2.236528299	4.686582688	2.508259476	1	0.778283668	
	1.015020969	2.184113665	1.933830794	1	1.451295217	2.683000783	
	4.14313061	2.631623467	1	0.933381073	0.876644713	1.076657214	
	0.960044447	1.007984416	1	0.881942701	0.834233091	1.028513198	
	1.071288733	0.833749133	1	0.857649394	0.915202528	1.09136929	
	0.925092191	1.174972657	1.078768762				
YNL163C	YNL163C::RIA1::Ribosome Assembly; Elongation Factor Like					1	
	1.330669939	1.047404088	1.60381847	1.060569744	1	1.535313725	
	1.288493745	1.106726199	0.987516784	1	1.080218724	1.179378904	
	0.846550279	1.399050508	1	0.797093395	0.562218875	0.551754068	
	0.549347263	1	0.847899405	0.710101315	0.516754325	1	
	0.710772999	0.779339699	0.779324855	0.871339119	0.800417285		
	1.141136798	0.777679612	0.740718211	1.13708573	0.515505634	1	
	0.916645909	0.814031334	1.043632368	0.63429584	0.630008074	0.80732532	
YNL165W	YNL165W::YNL165W::molecular_function unknown					1	1.194447253
	1.053571372	1.284191838	1.226560258	1	1.056092953	0.955192495	
	1.350129175	1.37389638	1	0.885933572	0.935205877	1.025493506	
	1.40513881	1	0.676250344	0.673917386	0.74554476	1	
	0.671187819	1.100092376	0.63464945	1	0.960171163	0.92500916	
	0.866549492	0.805395234	0.859858077	1	1.087439795	1.513383584	
	1.01653273	1.063160754	1.6501922	1	0.867196479	1.285234765	
	1.166890657	1.072118814	1.015905663	0.940420177			
YNL167C	"YNL167C::SKO1::Suppressor of PKA overexpression; bZIP protein that binds to CRE motifs, interacts with Mig1p"					1	1.244128084 1.311293115
	1.642659954	1.167445304	1	1.438850754	1.457225049	1.31884326	
	1.143377875	1	1.49717135	1.561124994	1.26714956	1.227786183 1	
	1.036713619	1.947765678	1.318119036	0.649655422	1	0.639701731	
	0.799819481	0.48442375	0.201070946	1	1.197382574	1.118699924	
	1.146460035	1.144504873	0.990900372	1	0.83655201	0.772303857	
	0.69623901	0.712539019	0.674074161	1	1.04000016	1.044597068	
	1.062041546	1.019932777	0.966068227	0.867743381			
YNL169C	YNL169C::PSD1::Converts phosphatidylserine to phosphatidylethanolamine. Mitochondrial Psd1p provides ~90% of total cellular phosphatidylserine decarboxylase activity.					1	1.523991984 1.337291753
	1.227356371	1.03474297	1	1.486951454	1.460731103	1.024577213	
	1.078245521	1	1.027537312	1.153428561	0.759549173	0.821483127 1	
	1.187537633	0.747913175	0.772579823	0.916744626	1	1.182527566	
	0.613975595	0.574936751	0.649492635	1	1.02443762	1.197969166	
	1.052917384	1.213209445	0.937085296	1	0.843658881	0.818049059	
	0.829927243	0.698339903	0.856800774	1	0.828795435	0.977825325	
	0.989841898	1.152607149	1.189026951	0.900141469			
YNL171C	YNL171C::YNL171C::molecular_function unknown					1	2.069853487
	1.975780564	1.448133578	2.294101778	1	1.658542598	1.451178474	
	2.008536049	1.882546414	1	1.538383723	1.498583428	2.090366674	
	1.320667163	1	0.944489224	0.980390528	0.897576282	1.247238607 1	

1.062512822	1.44729906	0.932375463	0.843548209	1	0.937996272
1.111515263	0.858778966	0.735791043	0.969148678		0.875958376
1.332643505	0.953291195	0.715874453	1.365324347	1	1.062175862
1.633032247	1.020139668	1.550583931	1.155033223	1.571745042	
YNL185C	YNL185C::MRPL19::mitochondrial ribosomal protein of the large subunit				
1	1.350083748	1.708489498	1.323428612	1.445667484	1
1.207007858	1.629601245	1.716631747	1.598417824	1	1.431977458
1.229967761	2.192609689	1.017943972	1	1.253025069	0.956974386
0.968882031	1.625265484	1	1.650034697	1.705546337	1.568449386
1.52063055	1	1.043001659	1.406709769	1.149394944	1.207700919
1.078996841	1	0.863000461	1.22222732	0.85303875	0.76873263
1.064901074	1	0.951951517	1.129727729	0.944816147	1.228215519
1.291147127	1.236381036				
YNL187W	YNL187W::YNL187W::molecular_function unknown 1 1.282502426				
1.218484283	1.408252732	1.014641273	1	1.251723691	1.250263763
1.06410605	1.346466389	1		1.272151008	0.973135482
1.186662878		0.957208076			1
0.75483493	1.018186772	0.906748196	0.918393968	1.128541359	
0.794717975	1.131543547			0.946517913	0.796055674
1.12193549	0.648967296	1.137606852	0.840599021		
YNL189W	YNL189W::SRP1::karyopherin alpha homolog of 60 kDa 1				
1.179302898	1.070133577	1.293471336	0.921032457	1	1.380033996
1.217200581	0.93342633	0.886883961	1	1.082475174	1.109941547
0.603882013	1.204451705	1	1.468231414	1.267129634	1.077433562
0.994681692	1	0.795544657	0.521035247	0.340757326	1.032607076
1.103957174	1.134155393	1.329740314	1.09691656	0.922888768	1
0.942784612	0.885769846	0.7735029	0.788056987	0.715788703	1
0.912082848	1.080646293	0.978380438	1.002676921	0.915007163	0.899265805
YNL191W	YNL191W::YNL191W::molecular_function unknown 1 1.272191089				
1.170910445	1.246869458	0.976952223	1	1.131956372	1.300949583
1.183392578	1	1.098328528	1.331417267	0.778911493	1.142267985
1.100569296	1.006563839	1.227458262	1.254073798	1	0.49143471
0.428226547	0.336872252	0.810660772	1	0.92214581	0.740657211
0.733965658	1.009404311	0.848030981	1	1.392357714	0.799927799
0.369254024	0.913880538	0.878809686	1	1.195579643	0.676771981
0.94575065	0.688850139	0.722159547	0.610309951		
YNL193W	YNL193W::YNL193W::molecular_function unknown 1 1.114121438				
1.187458152	1.436799868	1.0745072	1	1.354813197	1.28202479
1.205992985	1.142684114	1	1.182892481	1.455422684	1.135576548
1.095495617	1	1.43059338		0.931429983	0.801845815
1.061086212	1.242246336	0.896260582		1	1.092387072
1.095605068	0.844530186	0.894354996	1	0.912589968	1.193795655
0.897403951	0.821730441	0.706304148	1	1.24621025	1.545776392
1.147332712	0.975077469	1.274685867	1.157574951		
YDL099w	YDL099w::YDL099W::molecular_function unknown 1 0.535447544				
1.004563507	0.876626648	1.081611945	1	0.709500374	1.181661231
1.096243521	1	0.745942448	1.059234025	1.3561586	0.991642114
0.943183222		1	1.636633108		1.752448876
0.959910096		0.722936556	1.073771583	1	2.025283849
		0.906748223	0.854547144		0.722958828
0.997335787					
YDL101C	YDL101C::DUN1::DNA damage response 1 0.882175118 1.047513797				
1.092714558	1	0.972313859	0.951375818	1.002942993	0.967043064
0.752556572	0.819558942	0.808632998	1.318949933	1	0.595201306
0.534404629	0.694924507	0.940037779	1	1.33380213	
1.291367098	1	0.883226816	1.000639072	1.107225961	0.97470484
1.218893506	1	1.289535044	0.93228117	1.480636584	1.509197312

	0.786069385	1	0.814277473	0.637774273	0.831612851	0.635323596		
	0.97060169		0.633076143					
YDL103C	YDL103C::QRI1::UDP-N-acetylglucosamine pyrophosphorylase						1	
	0.76491259		0.856798932	0.980587335	0.823025756	1	0.881626037	
	0.995942114	1.06463108	0.888404761	1	0.785975182	0.950216755		
	0.892221032	1.237295183	1	0.821801011	0.89792291	0.957682368		
	1.225268325	1	1.845885866	1.473869795	1.60335677	2.384931976	1	
	1.039975189	1.126991008	1.120077277	0.859443482	1.044983511	1		
	1.160200029	1.162717798	1.26661999	0.882489687	1	1.216472781		
	1.195018474	1.267131637	1.1351293					
YDL105W	YDL105W::QRI2::Product of gene unknown						1	0.724228581
	1.302083193	1	0.857221251	1.143407566	1.125472904	1		
	0.760972993	0.773075065	0.740784489	1.253750815		0.473650088		
	0.58421694		0.154834213	0.374603374	0.364674141	1		
	1.05820728	1.040141054	1.025115212	1.325536311	1			
	0.802223693	1.187872011	1	0.795899645	0.824592052			
	0.882426129	0.646727758	0.890751597					
YDL107W	YDL107W::MSS2::cox1 pre-mRNA splicing factor						1	0.938268022
	1.352513796	0.979343839	1.551230144	1	0.838164362	0.891063634		
	1.341236287	1.16146313	1	0.911299374	1.012115243	1.182903231		
	1.192814923	1	0.546631821	0.683503806	0.60240613	1.454736732	1	
	1.607586411		2.957284279		1.020287327	1.081471131		
	0.854735812	0.758192015	1.054472942	1	0.915443588	1.150094417		
	0.897718509	0.843876215	1.364912736	1	1.319692126	1.442343143		
	1.947916452							
YDL109c	YDL109c::YDL109C::molecular_function unknown						1	0.880636177
	0.856788728	0.931497527	0.550814357	1	0.945097428	1.048918289		
	0.812879979	0.740143045	1	1.260340923	1.159505425	0.60843819		
	0.950707541	1	1.382042366	1.60671996	2.158479278	1.218740759	1	
	1.416066712	1.660660106	1.787695061	1.044063707	1	1.246549313		
	1.118669006	1.238020189	1.253193037	1.03919743	1	0.976721893		
	1.154023028	0.794858506	0.926202736	0.79136277	1	1.056400427		
	1.096225704	1.317441632	0.975564096	0.759022827	0.880877781			
YDL123w	YDL123w::SNA4::Homology to PMP3/SNA1 (Sensitivity to Na+)						1	
	1.087684175	0.960094839	0.667442788	0.517196947	1	0.899229984		
	0.914700564	0.798860516	0.637584852	1	1.373153626	1.292678832		
	1.28784224	0.669179197	1	1.084065989	0.96460706	1.316192865		
	1.103012043	1	0.839469601	0.744406288	0.762246624	0.658686986	1	
	1.048037074	1.107747808	1.165771519	1.080184074	1.061298987	1		
	0.760810049	0.770267645	0.655479857	0.887737294	0.919253401	1		
	0.787531529	0.722228761	1.018919127		0.973368646	1.062131964		
YDL125c	"YDL125c::HNT1::Hint homolog, member of the histidine triad superfamily of nucleotide-binding proteins"						1	1.055543123
	0.853608005	1.00973896	1	0.880942145	0.825766779	1.176887558		
	1.05977986	1	1.035883018	1.079704467	1.217732603	0.870515108	1	
	0.614263431	2.657041115	2.200594754	0.845442698	1	0.689844186		
	0.40505069	0.328335324	0.341312912	1	1.307924864	1.250994296		
	1.039088233	1.2501526	0.933809389	1	1.1032186	1.196058809		
	0.698316526	0.709624725	1.289245989	1	1.041113957	0.954364187		
	0.687574451	1.131518351	0.876817922	0.645334878				
YDL127w	YDL127w::PCL2::Interacts with cyclin-dependent kinase PHO85 to form kinase complex with G1-periodic activity involved in cell cycle progression						1	
	0.808728778	0.93252507	0.995046383	0.956020564	1	0.802569039		
	0.960326554	1.135481369	1.215349602	1	0.644576262	0.720387928		
	0.917393885	1.222407981	1	0.504952638	0.682103705	0.840911766	1	
	1.097164719	1.869611542	1.347243982	1	0.871219618	0.87914305		
	0.986036841	0.90868929	0.984493866	1	0.944689549	0.994461969		

	0.896373487	1.00322847	1.498667106	1	1.039784598	1.069049888	
	0.862673806	1.040940153	1.102410567				
YDL129w	YDL129w::YDL129W::molecular_function unknown					1	1.16008623
	1.030089732	0.990882921	0.934644374	1	0.989945198	0.979730313	
	1.061618704	1.180534606	1	0.875212975	0.765793901	0.773853071	
	0.956399774	1	0.619089374	0.752825573	0.814671915	1	
	1.314847225	2.593037738	1.895693148	1.64800291	1	0.826458179	
	0.916759642	0.896626089	1.093376515	0.942451045	1	0.781913914	
	0.630761106	0.683112198	1.120375323	0.779648968	1	0.701657365	
	0.487662419	0.821756924	0.759165994				
YNL195C	YNL195C::YNL195C::molecular_function unknown					1	1.520856333
	2.265832286	2.038066389	1.960863551	1	1.713718971	2.511719555	
	2.468145227	2.341121783	1	2.064711173	5.035193633	15.04241035	
	2.77794675	1	0.957054642	2.914451036	1.430381581		
	0.424920966	0.555754853	1.115830187	1	1.237378846	1.346755292	
	1.998420623	1.864758043	1.625655521	1	0.903951178	1.046358151	
	1.442112046	2.557747663	1	0.681546045	0.714529671	1.482578376	
	0.051627197						
YNL209W	YNL209W::SSB2::stress-seventy subfamily B					1	1.608634729
	0.772475702	1.334623401	0.860472215	1	1.759828234	1.187067102	
	0.676707311	0.8234979	1	1.105056146	0.868191474	0.347702076	
	0.784597032	1	1.250434262	0.84482096	0.659450637	0.473494004	
	0.492204028	0.110552678	0.081306976	0.391125598	1	1.158252695	
	0.577405853	1.310056818	1.657988402	1.002793724	1	0.88797395	
	0.840971803	0.623397468	0.592658632	0.605688494	1	1.048435797	
	0.763094151	0.669276806	0.89574589	0.61711022	0.95530575		
YNL211C	YNL211C::YNL211C::molecular_function unknown					1	1.304000134
	1.536711914	1.227911512	1.964583316	1	1.178410387	1.067410889	
	1.650385311	1.498587703	1	1.164382026	1.285661224	1.773740463	
	1.132530309	1	0.984077862	0.955356402	1.239078619	1.230899321	
	0.890371014	1.244642113		0.960845795	1	0.763065648	
	0.464334284	0.669384839	0.981821484	1	1.442207437	1.721134318	
	1.601165195	1	1.181491256	1.311337029	1.763920326		
	2.653553118	1.709218067					
YNL213C	YNL213C::YNL213C::molecular_function unknown					1	1.108397527
	1.542571922	1.123662801	1.956513152	1	0.999066272	1.077372304	
	1.640954463	1.601143826	1	1.034109549	1.226118776	1.622562407	
	1.265108394	1	1.130173723	1.172221153	1.212702209	1.528366636	
	1.232818884	1.73228838	1.691974855	1.357361001	1	0.761586733	
	0.743816594	0.497614983	0.525561928	0.824752891	1	1.039125777	
	1.671390644	0.755829797	0.978333935	1.628923766	1	1.323609868	
	1.184024399	1.082874268	1.607688969	2.03915714	1.604143183		
YNL215W	YNL215W::IES2::Hypothetical ORF					1	0.82508378
	1.159987858	1.270652244	1	1.05001064	1.16655343	1.42431964	
	1.283937234	1	1.030027451	1.313281424	1.461884653	1.200595598	
	1.317076552		1.256127247	1.355369793	1	2.596857711	
	1.64350097	1.075795958	1	1.014119187	1.409047334	1.072945717	
	0.681974498	1.171716286	1	1.294625971	1.511754979	1.343918615	
	1.843569753	2.026686816	1	1.181232346	1.464228826	1.403120158	
	1.532161904	1.444690985	1.145316164				
YNL217W	YNL217W::YNL217W::molecular_function unknown					1	1.59619991
	1.4548168		1.674207617	1	1.457288802	1.37487102	
	1.559428337	1	1.153057556	1.418409291	1.001232278	1.570021987	
	1.428044388		1.256156316	1.407447911	1	0.928255978	
	1	1.314313832	1.768186109	1.222026033	1.067916494	1.700351129	
	1.27609976	1.848843013	1.092236178	0.89562791	1.167784738	1	
	1.484096052	2.029873612	1.358820959	1.871626549	1.340824434	1.542849457	

YNL219C YNL219C::ALG9::catalyzes the transfer of mannose from Dol-P-Man to lipid-linked oligosaccharides 1 1.490979287 0.991537681 1.313805226
 0.948562521 1 1.362460453 1.305670577 0.887618348 0.970121911 1
 1.345260437 1.039393806 0.582804552 0.962029638 1 1.076380893
 0.548870014 0.795090586 0.580766258 1 0.582820963 0.516703155
 0.474428408 0.449944215 1 1.090846424 1.107596127 1.163663005
 1.429010683 0.813996396 1 0.889373967 0.779079504 0.826956499
 0.633499755 0.727030245 1 0.909346126 0.83285202 0.894261693
 0.877091918 1.002431323 0.729394796
 YNL233W YNL233W::BNI4::bud neck involved 1 0.998434823 1.047918282
 1.339010731 1.27933729 1 1.373046432 1.357939753 1.116451392
 1.014903034 1 1.020137275 1.024254859 0.725100997 1.484153586 1
 0.659648123 0.761626612 0.697938343 1 0.684546606 0.902642644
 0.554773242 1 0.943895581 1.034581149 1.07868883 0.928545017
 1.000034392 1 1.199450191 1.021812274 1.10775313 1.239476617
 0.731640069 1 1.118612031 1.024778643 1.343950439 1.084692672
 1.062624031 0.862489653
 YNL235C YNL235C::YNL235C::molecular_function unknown 1 1.345871713
 1.664132424 1.207613086 1.695937661 1 1.188251214 1.214929206
 1.859335231 1.674053542 1 1.176258669 1.298751066 2.059964934
 1.277301231 1 0.925008453 0.705972683 1.206154104 1.423817788 1
 0.961107815 2.342866588 1.378680829 0.567615211 1 1.058070637
 1.240483276 0.990737052 0.869365382 0.840338828 1 1.225004902
 1.508703621 1.149651247 0.900227191 1.429746141 1 1.070167295
 1.824518725 1.271657139 1.8777581 1.509649718 1.72410364
 YNL237W YNL237W::YTP1::Yeast putative Transmembrane Protein 1
 0.8796132 0.911765241 2.004134355 0.849957483 1 1.217669298
 1.219883335 1.700077067 1.529143956 1 1.060800466 1.731879958
 1.880697401 1.658877069 1 1.028605164 2.923726858 3.080867834
 0.618653284 1 0.668208281 0.407531958 0.240021467 0.24452317 1
 1.110258471 1.382732527 1.285457116 0.989713464 1.01890922 1
 1.037164944 1.035705999 0.977175288 1.160297764 1.02923151 1
 1.295924567 1.063275502 1.124703349 0.767540474 1.603156899 0.927285829
 YDL131w "YDL131w::LYS21::homocitrate synthase, highly homologous to YDL182W"
 1 1.0138986 0.762759972 0.721176661 0.456019002 1 0.798409759
 0.784116284 0.579762801 0.607893817 1 1.632467837 1.330147093
 0.459786954 0.740034123 1 5.287617893 4.822583309 2.049732733 1
 1.361530313 1.362960098 2.278350144 2.208452618 1 1.150675982
 0.914698833 1.305675986 1.243649643 0.877227371 1 1.176554657
 1.106330666 1.023239197 0.804578075 0.817233432 1 1.696869816
 1.35574888 1.756093089 1.000955644 0.675009502 1.175087415
 YDL133w YDL133w::YDL133W::molecular_function unknown 1 0.823746189
 0.876864258 1.073018834 0.907127471 1 0.941372902 0.916206921
 1.146480179 0.957529624 1 0.901006326 0.952150834 0.886537683
 1.042940731 1 0.612198158 1.11315964 0.892555084 0.836120462 1
 1.049659306 0.96735656 1.280587659 0.948744071 1 0.857095974
 0.868739099 0.97965694 1.00130483 0.858089807 1 0.889579873
 0.851757457 0.984214526 1.150532159 1.122924274 1 0.811089761
 0.714288375 0.92065896 0.517575706 1.002926043 0.907146476
 YDL147w "YDL147w::RPN5::Regulatory Particle Non-ATPase, homolog of mammalian proteasomal subunit p55"
 1 0.64722555 0.899904527 0.957280897
 0.996071866 1 0.862210809 0.867951625 0.995292986 0.849046064 1
 0.86171908 1.231248553 1.006528814 0.864468799 1 1.48300747
 1.487579899 1.248610597 1.446222346 1 1.56866703 1.422355962
 2.370760002 1.583119607 1 1.013339339 1.328618724 0.876488909
 0.606567797 0.967479384 1 1.301275639 1.752967915 1.544221045

0.97889918 1.134185203 1 1.310390427 1.509851118 1.042990152
 0.944777704 1.251627758 1.492063293
 YDL149w YDL149w::APG9::Integral membrane protein 1 0.961131079
 1.058689105 1.072589374 0.954048358 1 1.144047807 1.22993546
 1.010214243 0.960069236 1 1.186460446 1.386515964 1.022704128
 1.021413841 1 1.33228235 1.150609879 1.41264778 1
 0.9459839 1.161138649 0.916524865 0.777068831 1 1.242363183
 1.347891615 1.09552629 1 1.290520622 0.912928103 1.249002332
 0.973429317 0.685906764 1 1.534340109 1.432453049 1.326046682
 1.071546572 1.42563041
 YDL151c YDL151c::BUD30::Function required for yeast viability on toxin
 exposure; random budding in diploid null mutants 1 0.840094861
 0.981251474 1.031347298 1.007020642 1 1.054809564 1.025981731
 1.205159225 1 0.511402022 0.637357877 0.49013495 1.146391915 1
 0.479172108 0.510773372 0.702546802 1 0.65690088
 0.710216606 1 0.763525601 0.716500137 0.746596476 0.792263694
 0.819695684 1 0.887541881 0.900234764 1.341446676 1.240766901 1
 0.554203844 0.497157536 0.950104304 0.620847307 0.743488004 0.882629006
 YDL153c YDL153c::SAS10::part of small (ribosomal) subunit (SSU) processosome
 (contains U3 snoRNA); Something About Silencing 10 1 0.620295475
 0.624204096 0.852849726 0.931009105 1 0.675288828 0.625331615
 0.9896345 1 0.577157455 0.412554604 0.382203183 0.956191023 1
 0.431582084 0.199892272 0.389057918 1 0.60841009 0.486267393
 0.351233148 0.599668212 1 0.751252739 0.641650201 0.483318873
 0.641418879 0.781827843 1.12918212 0.977271846 0.848100426
 1.177728953 1.477612622 1 0.889858521 0.903518147 1.155499092
 0.714436955 0.852857756
 YDL155W YDL155W::CLB3::Involved in mitotic induction and perhaps in DNA
 replication and spindle assembly 1 0.777897482 0.843984498 0.964908751
 0.92732501 1 0.978113192 0.919436043 0.80281065 0.866545983 1
 0.765713997 0.748570153 0.51103624 0.978817643 0.889764468
 0.75414935 0.82091629 1.006718859 1 1.148141428 0.878207454
 0.7063057 1.203521812 1 1.021469433 0.944366508 0.88828872
 0.903588947 0.904388326 1 0.916628372 0.926593922 1.158957286
 1.078915513 1.260037867 1 0.90818082 0.947503683 1.130511082
 1.018543412 1.06651008
 YDL157c YDL157c::YDL157C::molecular_function unknown 1 1.162423226
 1.418456906 1.073018834 2.007781642 1 1.065899135 1.043169987
 1.640954463 1.666031365 1 1.011925662 1.139287368 1.075092273
 1.522841308 1 1.004930981 0.586530801 0.534769313 1.360959489 1
 1.924685442 1.133086937 0.822349805 1.482840224 1 1.032902003
 1.203469396 1.174519802 1.202337075 1.179078287 1 1.107225135
 1.583563764 1.985581646 1.495581383 1.568281369 1 0.993087198
 1.28979428 1.147702419 1.37624182 0.968415208 1.55948636
 YDL171c YDL171c::GLT1::Glutamate synthase (NADH) 1 1.717963334
 1.077128486 2.000167806 1.067625726 1 1.24198078 1.660818126
 1.135455233 1.008312948 1 1.169405245 1.048763204 0.620135301
 1.399500744 0.563872585 0.298026766
 1 0.837878129 0.903431191 0.874313527 1.216789472 0.945938515 1
 1.043184898 1.360698349 1.666281267 1.333836452 0.963325212 1
 0.744849261 0.849099852 0.99912943 0.906431718 1.094797187 0.80732532
 YDL173w YDL173w::YDL173W::molecular_function unknown 1 0.984564597
 1.125560755 1.049057392 0.977391169 1 1.046502501 0.991457144
 0.979750541 1.091296836 1 0.721114052 0.845774147 1.033499649
 1.039001431 1 1.177856333 0.991353864 1.05268857 1.184616465 1
 1.133847482 1.560663492 1.031983176 1.797448146 1 0.652799223
 0.781950309 0.672520361 0.777984923 0.800686324 1 0.885128693

0.868284293 1.18690503 1.183373593 1.025716099 1 0.809718924
 0.750665692 0.807374716 1.073786863 1.12254992
 YNL239W YNL239W::LAP3::aminopeptidase of cysteine protease family; bleomycin
 hydrolase 1 1.279508076 0.952845694 1.313315122 0.917010497 1
 1.353065811 1.068424868 1 1.38666199 1.473261083 1.205779125
 0.989866175 1 1.622767116 1.97012495 1.709142086 1.04532609 1
 1.258203538 0.721609728 0.674853005 0.869211817 1 1.330295443
 1.257396111 1.970799352 1.282812019 1.022146819 1 1.206075204
 1.278044386 2.557612267 2.127481187 0.687543999 1 1.10042322
 1.206803622 1.723364116 0.74992355 0.943907568 0.884380232
 YNL241C YNL241C::ZWF1::Glucose-6-phosphate dehydrogenase 1
 1.194797251 1.039078767 0.889604783 0.468225163 1 1.315161129
 1.262832943 0.65984429 1 1.800873724 1.80758066 1.427360871
 0.533067256 1 1.364819015 1.70807586 1.915926021 1.045841809 1
 0.868569757 0.821216693 0.653985036 0.691487737 1 1.239800933
 1.512507199 1.944177855 1.312329784 1.121114118 1 1.294500684
 1.108896187 1.455743396 1.301485264 0.36762621 1 1.321584313
 0.882257677 1.074449359 0.423813908 0.833593594 0.553394393
 YNL243W "YNL243W::SLA2::Protein involved in membrane cytoskeleton assembly,
 required for cell polarization and endocytosis" 1 1.031715986 1.185795585
 1.370391782 0.992009501 1 1.508207374 1.502015517 0.998056888 1
 1.372551269 1.559850712 0.923022469 1.251248181 1 1.224417053
 0.927716248 0.935516291 0.731655696 1 1.132664617 0.977811196
 0.705579619 0.974113251 1 1.128268925 1.081952722 1.156987626
 0.942879545 0.859733295 1 1.231977554 0.896359619 1.339689952
 1.093555208 0.517356716 1 1.136301042 0.98799527 0.825687398
 0.708780155 1.031763159 0.767922225
 YNL257C YNL257C::SIP3::Interacts with SNF1 protein kinase 1
 1.036953134 0.938492199 1.253180963 1.18984346 1 1.273261311
 1.180807856 0.943339695 1 0.932016995 1.044864233 0.566621102
 1.080562311 1 1.096769705 0.79348152 0.937525334 0.920290951
 1.038436987 0.934831112 0.766906106 0.977333454 1 1.072973618
 1.15005643 1.107814576 1.060974762 1.201948096 1 1.194018924
 0.757474601 1.206145041 1.088647586 0.603685917 1 1.160618029
 1.047847154 1.246219852 0.890822275 1.004330733 0.815205939
 YNL259C "YNL259C::ATX1::antioxidant protein and metal homeostasis factor,
 protects against oxygen toxicity" 1 1.565457073 2.203645908 1.416612762
 2.848062642 1 1.496033418 1.305673657 2.306189665 1
 1.462797402 2.214515185 2.997538246 2.032184495 1 0.936619189
 0.624175834 0.763309709 1.872838644 1 2.560005062 3.778478872
 3.432345389 1.799795111 1 0.879341042 1.367071939 0.9212247
 0.733040874 0.990921644 1 1.511362099 3.218103189 3.382824056
 3.449968158 2.831569763 1 1.286351376 2.227105535 1.666710098
 1.858152401 1.628126668 1.769636024
 YNL261W YNL261W::ORC5::May be subunit of origin recognition complex (ORC)
 that mediates the ATP-dependent binding to origins; the ORC binds to origins of
 replication and thereby directs DNA replication and is also involved in
 transcriptional silencing 1 1.039541875 1.084522052 1.00087448
 1.165627032 1 1.21328294 0.823779623 1.102513891 1
 1.029376342 0.923253737 0.872703526 1.064019434 1 1.030187704
 1.20633986 1.347189493 1.672126082 1 1.234984004 1.295450497
 1.316186584 1 1.170947487 1.283189933 0.949247056 0.924769206
 0.841875952 1 0.995888341 1.237311624 1.146765708 1.147597653
 1.019109839 1 1.182029083 1.34688447 1.22481777 1.234673267
 1.11581656 1.165455518
 YNL263C "YNL263C::YIF1::Yip1-Interacting Factor, shows similarity to NADH
 dehydrogenases" 1 1.296548141 1.048265049 0.996182682 0.762414823 1

1.216893401	1.164436378	0.802277826	0.899268654	1	1.306402643
1.24424053	1.170943094	0.986968172	1	0.706177116	0.542006102
0.599087819	0.734940058	1	0.796785332	0.471794528	0.481934037
0.619256722	1	1.132523944	1.0341362	0.930977665	1.185020293
1.124607728	1	1.371914543	0.79145791	1.278294316	0.764477461
0.496801655	1	1.1025618	0.858539586	0.728834152	1.071248671
0.79754187	1.190848653				
YNL265C	YNL265C::IST1::Similar to Nuf1p (spindle pole body component)				1
1.058411864	1.311527993	1.20786228	1.734230007	1	1.158092749
1.004403137	1.363698429	1.404810268	1	1.011756837	1.238362095
1.652799879	1.304756826	1	1.547756864	1.402225983	1.888547877
1.760910206	2.130552723	1.501049174	1.256016991	1	1.407790615
1.856783085	1.360742964	0.854114495	1.202463915	1	1.302713999
1.759205617	2.069311175	1.210113675	1.086970465	1	1.708983164
1.881649206	1.261495776	1.552009229	1.355057873	1.685576158	
YNL267W	"YNL267W::PIK1::catalyzes first step in the biosynthesis of phosphatidylinositol-4,5-biphosphate; may control cytokineses through the actin cytoskeleton"				1
0.877767884	0.925490262	0.621512397	0.61596596	1	0.80479192
0.801467405	0.421648316	0.875260424	1	0.92601761	0.613587361
1.046787657	0.857115126	1	0.791899032	0.906520816	0.747921482
0.585014664	1	0.849175542	0.803876244	0.623630958	0.819937402
0.915285078	1	1.170074829	0.628895434	0.71981688	0.76923562
0.622328775	1	0.867976295	0.721447861	0.885295892	0.820564753
0.911173031	0.839723408				
YNL281W	YNL281W::HCH1::high copy Hsp90 supressor				1
1.226495483	0.994010416	1.3815486	1	0.994817721	0.945847172
1.347029445	1.28409025	1	0.807335896	1.024989969	1.669455882
1.083901585	1	1.114586383	1.18972362	1.596527617	2.679780908
0.562190632	1.468189937	1.988400466	1.507712798	1	1.224961226
1.491858981	1.4770121	1.607098714	1.496371545	1	1.584180704
1.40186152	0.985204854	0.718772139	0.807859537	1	1.683512626
1.513332563	1.117749126	1.675484946	1.306520256	1.323943457	
YDL175c	YDL175c::AIR2::<u>a</u>rginine methyltransferase-<u>i</u>nteracting <u>R</u>ING finger protein				1
0.979320924	1	1.068014435	1.025374494	0.978085954	1.121001898
1.008979716	0.938476768	0.98276531	1.162526988	1	0.992951574
0.797263578	1.041285879	1.404992043	1	1.653983302	1.604914195
1.447289591	1	1.064966774			1
0.898917281	0.969702036	1.040263554	1.043524158	1.202553788	1
0.80133436		0.853507836	0.965875746	1.203983	
YDL177c	YDL177c::YDL177C::not yet annotated				1
1.484015886	1.996848384	1	1.273665438	1.419157039	1.742320739
1.724019403	1	1.172444224	1.398962012	1.724252532	1.416084809
0.885834502		1.026234754	1.651065827	0.488950125	0.521090044
0.362251052	0.215252531	1		0.726457065	0.822867726
0.727305414	1.207161006	1.000642947		2.732112986	1
1.162397372		1.284895504			
YDL179w	YDL179w::PCL9::PHO85 cyclin				1
0.803974521	1	0.938004236	0.922280135	0.892828507	0.989280222
0.706624546	0.783266268	0.774101122	0.665697618	1	1.149877615
0.980612293	1	0.834283262	0.809044092	1	0.770943999
0.880752726	0.639695635	0.694558508	0.951120646	1	0.725056476
0.692131227		0.428857559	1.00151276		1.035147451
1.429361274	0.988579451				
YDL181W	YDL181W::INH1::ATPase inhibitor				1
1.507984226	2.396431892	1	1.572458452	1.840705325	2.550869337

2.538647673	1	1.173778587	1.323087592	3.385099651	1.613278832	1
1.170549123	0.904979856	0.904724123	1.751819206	1	1.587409538	
2.227962965	1.518212129	1.057168659	1	0.834107027	0.73822081	
0.423618154	0.616570196	0.747674706	1	0.730950844	0.590444298	
0.508165709	0.412268516	1.366666786	1	1.088963594	0.816781398	
2.171481731	2.009966325	1.597138177				
YDL195W	YDL195W::SEC31::involved in protein transport from endoplasmic reticulum to Golgi	1	0.803431649	0.739363969	0.945703652	0.458569612 1
1.185818132	1.123276346	0.46960953	0.502459877	1	1.162660408	
0.948643916	0.599439435	0.66830677	1	0.793409818	0.758120717	
1.064174132	0.446909927	1	0.386513116	0.33988408	0.410173541	
0.404656726	1	1.053967241	0.736580235	0.913012554	1.05881815	
0.65869543	1	0.888910035	0.419479943	0.661433479	0.74533841	
0.378875671	1	0.771038916	0.617493288	0.765412676	0.54415256	
0.686760189	0.421175149					
YDL197C	YDL197C::ASF2::anti-silencing protein that causes depression of silent loci when overexpressed	1	0.661078521	0.93719474	0.898531266	
0.922831286	1	0.856774542	0.98512541	0.923630806	1.050196615	1
0.852107141	0.980306206	1.303148039	1.117587955	1	1.054855264	
0.771841617	1.296509033	1.291237629	1	1.141717884	2.108767958	
1.934062908	0.836027868	1	1.090106591	1.084378913	1.209820654	
0.928175735	1.303784173	1	0.895194738	0.686354602	0.986983103	
0.980239006	0.660830374		1.022648373	0.938717923	1.18553963	
0.724500298	1.034081101	0.935166396				
YDL199c	YDL199c::YDL199C::molecular_function unknown	1			1.370777544	
1.20660663	1.441292187	0.902452347	1	1.527290578	1.71972001	
0.886093395	0.909847188	1	2.265483774	2.997258929	2.926756654	
1.440358731	1	1.649476164	0.941838741	1.803637175	0.954979466	1
1.009392451	1.344693607	1.436881181	0.909211732	1	1.100457219	
0.974682847	1.055806941	1.10988006	0.819612803	1	1.229146358	
0.958518668	1.406102529	1.160127718	0.726257741	1	0.922854918	
0.903342562	1.000720558	0.671153585	1.280521599	0.777554122		
YDL201w	YDL201w::TRM8::Transfer RNA methyltransferase	1			0.90447101	
0.907583222	0.813032537	1.390854973	1	0.846534932	0.78332237	
1.328896777	1	0.60388661	0.49927042	0.693028449	1.087368152	1
0.411593268	0.280380636	0.301315038	0.54138865	1	0.666073987	
0.533353465	0.526038924	0.869637135	1	0.937082776	0.656261844	
0.58627056	0.781327392	0.792622687		1.284594099	1.169562017	
1.109981594	1.241464879	1.519720745	1	0.888590594		0.837604784
1.172656861	0.686862435	1.507824531				
YDL203c	YDL203c::YDL203C::molecular_function unknown	1			0.790347092	
0.816596611	0.824846293	0.732276994	1	0.883328412	0.892021692	
0.778230153	0.793488468	1	0.797868866	0.832494044	0.765588535	
0.790730997	1	1.004087489	0.733585087	0.973011666	0.991676724	1
1.115206184	1.399971848	0.800538135	0.964080253	1	0.818471387	
0.869145572	0.974421049	1.009693752	0.956170518	1	0.922704856	
0.686879229	1.039272479	1.042667167	0.720165916	1	0.6362395	
0.619138565	0.910051368	0.631892144	0.804056706	0.838847796		
YDL205C	YDL205C::HEM3::catalyzes the third step in heme biosynthesis					1
0.90222941	0.962927088	1.15312399	0.622693217	1	1.100741434	
1.085233647	0.94616167	1.066572515	1	1.009196757	0.898837383	
0.972223665	1.013765231	1	1.074863563	0.39228388	0.911977731	
0.704247415	1	0.916126186	0.579589433	0.445578662	0.822187346	1
0.775447776	0.6564327	0.636717129	1.137653858	0.83029599	1	
0.901614569	0.311457419	0.594724371	0.943890137	0.46738561	1	
0.509550808	0.368220999	0.810910081	0.515401367	0.670409263	0.682111082	

YNL283C YNL283C::WSC2::cell wall integrity and stress response component 2
 1 0.908936234 0.568642483 0.929424547 0.64035422 1 0.904571153
 0.938334649 0.717335745 1 1.126851994 0.885491638 0.759154132
 0.832696046 1 1.424990329 0.892590847 1.271657953 0.697724534 1
 0.509007393 0.715068894 0.343035259 0.514064394 1 1.19818635
 0.930382145 1.038536512 1.382977686 0.737692446 1 0.621705183
 0.60637041 0.801799937 0.807038452 0.46730748 1 0.895584382
 0.751062038 0.855043919 0.795164064 0.796045151 0.631324918
 YNL285W YNL285W::YNL285W::molecular_function unknown 1 1.234313708
 1.399185569 1.513348645 1 1.223748589 1.029701442 1.49562568 1
 1.198593403 1.336730648 1.974479778 1.433514254 1 1.262268293
 1.378197416 1.284078258 1.264623644 1 0.559947952 0.85240694 0.565076
 0.426239573 0.495307257 0.628422751 0.585611193 0.798988099 1
 0.575333669 0.870428528 1.157765078 1.362206976 1.102852164 1
 1.144523192 1.315442141 1.288875038 1.166439948 1.243921302 1.730232981
 YNL287W YNL287W::SEC21::non-clathrin coat protein involved in transport
 between ER and Golgi 1 1.270656284 0.992286912 1.612295444 1.109662226 1
 1.555565363 1.069355837 0.987245985 1 1.250378665 1.110567064
 0.75839923 1.054326431 1 1.252258306 1.008963138 0.854287883 1
 1.131987166 0.48303816 1 1.05015808 0.944117136
 1.236391737 1.18009936 0.974310759 1 1.103483645 0.630486004
 0.940627946 0.724699523 0.331579261 1 1.028054284 0.767471724
 0.879640492 0.701376015 0.850684492 0.584916817
 YNL289W YNL289W::PCL1::G(sub)1 cyclin that associates with PHO85 1
 0.781603031 1.238770085 0.972118495 1.155372348 1 1.039082985
 1.029679393 1.695098502 1 0.68450009 0.707948733 1.094286613
 1.617753253 1 0.411168456 0.404509678 0.309328726 1.885946481 1
 0.641640716 0.88441356 0.584282856 2.1375865 1 0.638327641
 0.66291084 0.871808083 0.679759344 1.010462558 1 0.701858559
 1.035252691 1.03391175 1.134381122 0.993457388 1 0.854793447
 0.929465918 1.328809671 1.062549519 1.596232057 1.003465128
 YNL291C YNL291C::MID1::N-glycosylated integral plasma membrane protein 1
 0.864062162 0.778068284 0.81439384 0.857365554 1 0.877923404
 0.89734393 0.854519013 1 0.869371372 0.705614292 0.536655567
 0.897609873 1 0.748150515 0.623602523 0.66615708 0.864320213 1
 0.670902758 0.863756898 0.754785321 1.0783674 1 1.130238909
 1.008538074 0.964415046 1.162731503 0.937451044 1 1.028224556
 1.069523842 1.045111008 0.950305854 0.922601788 1 1.006165541
 1.06193751 1.007232675 1.015692269 1.020675977 0.851106531
 YNL305C YNL305C::YNL305C::molecular_function unknown 1 1.317822126
 1.180096974 1.003835624 0.90186446 1 1.27592629 1.435956374
 1.099271244 1 1.600221311 1.62980956 2.631666728 1.122470761 1
 2.508322169 2.37246842 2.688618501 2.729810032 1 1.590291676
 2.119110139 2.053612438 1.150279264 1 1.076269872 1.431987624
 1.368325717 1.107683042 0.926232706 1 1.084282685 1.26129201
 1.571756769 1.251645172 0.710570809 1 1.276540779 1.055074001
 0.979437012 0.648510035 1.18893229 1.042868171
 YNL307C "YNL307C::MCK1::Disp. for mitosis, required for chr. segregation,
 benomyl resist., basal IME1 transcript. in mitosis, IME1 induction in meiosis &
 ascus mat. independ. of IME1; maybe in mitotic chr. segregation specific to
 CDEIII" 1 1.144177934 0.954234664 0.929808784 0.842842926 1
 1.161614243 0.691805767 1 1.179706303 0.895519631
 0.671026954 0.665579608 1 1.191165633 0.855106197 0.634427541
 0.607921778 1 0.546728516 0.260243039 0.332998217 0.557253731 1
 0.986307188 0.97365472 1.004418639 1.129680923 0.668139886 1
 0.769853363 0.795854112 0.853649893 0.709180616 0.403228691 1
 0.944365201 0.651692764 0.773514202 0.708789923 0.883316178 0.610309951

YNL309W YNL309W::STB1::binds Sin3p in two-hybrid assay and is present in a large protein complex with Sin3p and Stb2p 1 0.723616818 0.936520862
0.669223762 0.543552702 1 0.818796842 0.925552461 0.742836823
0.653588766 1 0.795782092 0.738923324 0.732592632 0.703786018 1
0.543905184 0.479304655 0.574591119 0.755554189 1 0.605508486
1.086403469 0.802548604 1.139774495 1 1.067846719 1.079524903
1.315923255 1.083938342 1.175894243 1 0.79618417 0.663949673
0.91509831 1.205643723 0.815460877 1 0.735481654 0.682572865
1.118625075 0.570837308 0.714794893 0.650588607
YNL311C YNL311C::YNL311C::molecular_function unknown 1 1.079254583
0.923337943 1.186601206 0.986805157 1 1.139563325 1.123219996
0.868269041 0.925718173 1 1.440474521 0.954708813 0.598714905
1.036881637 1 1.001599294 0.909044436 0.823316179 1
0.766042961 0.789930847 0.551489604 0.839381979 1 1.1194438
0.987344344 0.929730257 1.030832058 0.968428555 1 0.921782284
0.800785089 0.829823296 0.827374336 0.615339534 1 0.938969251
0.844646783 1.025852028 0.893172991 0.826899276 0.723265402
YNL313C YNL313C::YNL313C::molecular_function unknown 1 0.821621065
0.653217006 0.961613624 0.67487863 1 0.958231227 0.80489023
0.697421822 0.841886324 1 0.601539595 0.461670674 0.325793563
1.100708516 1 0.313014427 0.229864313 0.293443542 0.67478004 1
0.422281736 0.39458353 0.291445174 0.717730602 1 0.729881323
0.633972203 0.759411346 0.992274427 1.065439566 1 1.137123967
0.564854829 0.603362801 0.97469955 0.565402433 1 0.500319742
0.490295363 0.716694688 0.619153974 0.399335862 0.716260448
YDL219w YDL219w::DTD1::D-Tyr-tRNA(Tyr) deacylase 1 0.836004048
1.02015956 0.880961754 1.166086133 1 0.813729702 0.843836242
1.400128978 1.287417462 1 0.705024237 0.975529363 0.950497073
1.11135846 1 0.664886035 0.377465393 0.493928547 1.195045215
0.413279273 0.693295785 0.445847457 0.289177647 1 1.092371368
1.155147478 1.196849942 0.853018085 1.154518569 1 1.010805881
1.351898978 1.126396685 1.068684335 1.018615495 1 1.007168342
1.059949393 1.145988644 0.950949213 0.893308181 1.20660989
YDL221w YDL221w::YDL221W::molecular_function unknown 1 1.197231839
1.186414724 1.073442006 1.116390092 1 1.284386791 1.300551829
1.368483271 1.39768444 1 1.257371748 1.100739271 1.169053169 1
0.754798494 1.256818315 1.059018692 1 0.611919295 1.834788445
1.009734089 0.241956225 1 1.152681234 1.141845483 1.362397853
1.009327672 1.121285104 1 1.01485298 1.24792625 0.918481204
1.082339494 0.863799214 1 0.777799416 1.091742516 0.936662774
1.025471721 0.773980177 0.800320314
YDL223c YDL223c::HBT1::Hub1 target 1 1.022545227 1.388941542
2.804493738 1.509341957 1 1.3887231 2.155670556 2.240183176
2.498602774 1 1.254916847 2.759281381 5.341867267 3.312234759 1
1.277357588 6.186386516 0.449368471 0.630675528
0.53378279 1 1.008519978 0.949550408 1.225763836 0.890364708
0.914870583 1 0.881742409 1.200368698 0.881525099 1.299424129 1
0.809839468 0.953948728 1.153981831 1.264776985 1.348348031 1.596262512
YDL225w YDL225w::SHS1::Interacts with Spa2p and plays a role in cytokinesis
1 0.676582397 0.837625729 0.865246364 0.933544125 1 0.792096547
0.781269521 0.906198722 0.795114431 1 0.69735282 0.803603501
0.748985076 0.964937048 1 1.136301301 0.916581735 1.096358981
1.290716237 1 1.480966021 1.838263602 1.74437541 1.442410341 1
1.1387373 1.212853481 1.126620424 0.968559927 1.188342404 1
1.063720445 1.246919695 0.773719242 0.846052249 0.811315773 1
1.114044822 1.080177168 1.067239302 1.119441192 1.057186183 1.28366475

YDL227C YDL227C::HO::Homothallic switching 1.158641048 0.904221526
0.995149924 0.991695608 0.879803981 0.973860319
1.105564539 0.794345453 1.036749366
1 0.903197288 0.858002102 1.226341925
0.917945893 1.123130885 1 1.243025293 1.531723669 1
0.43563959 0.925065809 0.608501352 0.74238354 0.725801733 0.944798293
YDL229W "YDL229W::SSB1::Stress-Seventy Subfamily B; involved in translation,
perhaps by guiding the nascent chain through the ribosome" 1 1.751257486
1.371145915 0.849196803 0.991699319 1 1.123233691 0.99278208
0.903845032 0.959314288 1 2.368600958 0.925962894 0.588559462
0.766885321 1 1.037554848 0.520073498 0.36404159 0.765414098 1
1.373954068 1.033693336 0.44630968 0.768749982 1 0.884902167
0.727034429 1.136878472 1.177453641 0.960801995 1 1.262088823
0.702035099 0.578963782 0.713667658 0.588117456 1 0.721904451
0.507663561 0.576323472 0.676734886 0.391344439 1.003465128
YDL243c YDL243c::AAD4::high degree of similarity with the AAD of P.
chryso sporium 0.999805015 1.30934897 0.999527376
0.943157093 0.856737929 0.922186053 1.24782908 0.8271347
1.072971901 1.220168666
1 0.74751102 0.692268699 0.847504788 0.780893745 0.698708655 1
1.89318657 1 0.509005834 0.68196017 0.699057899
0.523687019
YDL245C YDL245C::HXT15::High-affinity hexose transporter 1
0.881857801 0.917984429 1.244681437 0.957774019 1 1.042826986
1.163037902 0.976251907 1.001080595 1 1.082458387 1.11601808
0.891638255 1.176848854 1 0.786599879 0.756189954 1.097674366
0.914629532 1 1.188601848 1.482828882 0.923811007 1
1.045685075 1.150921875 1.272433771 1.338518493 1.148236999 1
0.733550387 0.824901954 0.782053729 0.7858886 0.804565086 1
0.673355895 0.595788582 0.704132357 0.644813125 1.132970156 1.162828628
YDL247w "YDL247w::MPH2::Maltose Permease Homologue. Maltose transporter
family member, able to transport hexoses. Capable of transporting maltose,
maltotriose, alpha-methylglucoside and turanose." 1 1.059413058
0.822489901 1.285448587 0.773105946 1 1.097165792 1.181545755
0.856883483 0.725645483 1 0.902707882 0.84294204 0.785769695
1.011428879 1 0.592558859 0.615613166 0.713081578 1
0.770141501 1.273522048 0.851770965 0.874298727 1 0.811796506
0.789962996 1.133565882 0.692102117 0.728852966 1 0.735412426
1 0.767943547 0.887038616 0.770466391 0.787141106
0.682885954 1.063883189
YDR001C YDR001C::NTH1::hydrolyzes trehalose; may be involved in growth
transition from glucose to glycerol; shows significant sequence similarity to
Nth2p 1 0.969041598 1.349602867 1.516281726 1.04133957 1 1.564399288
1.773327411 1.1932302 1.081863282 1 1.359547372 2.01138342
2.043731693 1.32374215 1 2.717579405 3.085102538 3.803814191
1.942923629 1 1.812815843 1.567509668 1.744392211 2.197845029 1
1.151176261 1.467544016 0.827359154 1.019180308 1 1.358251409
0.897412602 1.407596487 1.370296767 0.898302004 1 1.079493316
1.164835124 1.08530685 1.658481511 1.270864601 1.029733823
YNL315C YNL315C::ATP11::essential for assembly of a functional F1-ATPase;
binds the beta subunit of F1-ATPase. 1 0.774411544 0.899938027
1.097980687 1.070553835 1 0.989925374 1.162140242 1.19782716 1
0.809643042 0.933489787 0.949525414 0.958353967 1 1.542762349
1.411142941 1.100856043 1.54958632 1 1.442553121 1.32297399
1.352585557 1.466003668 1 0.962626756 1.034797515 1.104491833
0.834876045 1 1.242670275 1.230826192 1.2982559 0.782128038

0.797426747 1 1.559645752 1.195312343 0.936370986 0.878537374
 1.38770489 0.999087012
 YNL329C YNL329C::PEX6::Required for peroxisome assembly 1 0.723966966
 0.619047104 1.014798456 0.590986432 1 0.931808775 1.040366025
 0.684049314 0.681980194 1 0.852140891 0.772153236 0.462049081
 0.933296297 1 1.084638956 0.76141165 1.206277762 0.708882726 1
 0.49077275 1.086597951 0.583019603 0.504416364 1 0.822722886
 1.001887105 1.21809134 1.145668986 0.943306748 1 0.977160723
 0.710553397 1.000735459 0.886766623 0.664103036 1 0.843571749
 0.781735474 0.87982891 0.869057784 0.956560569 0.657593613
 YNL331C YNL331C::AAD14::aryl-alcohol dehydrogenase located on chromosome 14
 1 0.845155707 0.735362866 0.832306421 0.864096615 1 0.835968719
 0.914768004 0.978181858 1.002921966 1 2.474056184 2.786830562
 1.575688683 0.954706917 1 3.544570624 4.006239803 3.748459911
 2.467363167 1 2.595331541 2.607682585 2.331041489 1.642438513 1
 1.736495846 3.455613253 3.547172597 1.241441935 1.315188861 1
 1.993182412 4.202673546 7.91878431 4.972029007 1.161394139 1
 2.941107981 3.745723812 2.804501891 1.061225719 0.985016629 1.240759256
 YLR286C YLR286C::CTS1::Endochitinase 1 0.942847898 0.625458188
 0.83545917 0.637932091 1 0.830566299 0.818426819 0.479973337
 0.662608773 1 1.040053446 0.744503302 0.394395455 0.717351775 1
 1.103248733 1.124937049 0.47212801 1 0.370637677 0.194502562
 0.184393226 0.45986539 1 1.014372163 0.739908676 1.211864148
 1.268621445 0.839649874 1 0.717530965 0.689963187 1.106803328
 0.335151536 0.319122451 1 0.802917898 0.688820646 1.126759208
 0.550532558 1.056695214 0.459702579
 YNL333W YNL333W::SNZ2::Snooze: stationary phase-induced gene family 1
 1.319549772 1.401964351 1.26958542 1 1.19827359 1.470563579
 1.826236282 2.145990897 1 1.088913926 1.530115407 1.864308419
 2.287063593 1 0.876231578 0.754202886 0.967492029 2.030366105 1
 0.904348017 1.646929253 1.490607289 1.349747134 1 1.044089636
 0.983113033 1.240845098 0.921586197 0.83850241 1 0.75328338
 0.870449321 1.063963852 0.835670808 1.270230579 1 0.793164464
 0.952727958 0.9977584 0.869510656 0.97879541 1.346709701
 YLR288C YLR288C::MEC3::Involved in checkpoint control and DNA repair 1
 0.975630311 1.043505669 1.28384908 1 1.118374969
 1 0.798213671 0.748915833 1.223725973 1 0.686120667
 0.750281044 0.882076231 1 1.666427149 0.889743002 0.868412407 1
 0.990245016 1.016100205 0.930422941 0.872048627 1.051001009 1
 0.972908646 0.798876197 1.35669427 1 1.063970396
 0.967275967 1.103106352 1.214545584 0.985952665
 YNL335W YNL335W::YNL335W::molecular_function unknown 1 0.71588462
 0.331061032 0.611861759 1.037923677 1 0.579708179 0.974277314
 0.88988626 1 7.463252249 53.06820443 209.7402964 110.2565333 1
 1.690036912 5.004076363 13.17338202 12.9290407 1 1.03651994
 1.595528791 1.286142822 2.109598314 1 1.751811965 3.227419244
 5.915865108 4.408703741 1 0.335541309 0.869132863 1.998960717
 2.351725613 3.471378037 1 17.28131532
 YLR290C YLR290C::YLR290C::molecular_function unknown 1 0.909905986
 1.39809625 1.036868415 1.631254215 1 1.039021741 1.044724602
 1.286305439 1 1.024589336 1.261970252 1.729897502 1.23221719 1
 1.831204804 1.135378769 1.595122021 2.608976731 1 2.447826893
 3.095217869 3.75880919 1.798311614 1 0.972460936 1.095375645
 0.802995835 0.774617574 1.072821431 1 1.055184081 1.003644045
 0.963356428 1.111857848 1.478493976 1 1.204277444 1.092798575
 1.341800182 1.82236135 1.328321573

YNL337W YNL337W::YNL337W::molecular_function unknown 1 1.05875963
 1.186852796 0.876744479 0.833195566 1 1.070332695 1.057840168
 0.952477606 1 1.012867217 1.145309126 1.82742501 0.888043352 1
 1.374685229 1.334581458 2.630814323 1.244075979 1 0.786773956
 2.203947097 1.24530977 0.67604774 1 1.168683748 0.966706846
 0.8833739 1.023641299 1 0.583529546 0.573895344 0.654395029
 0.719909006 0.86166354 1 0.872500444 0.870696595 1.124303447
 0.956991946 1.112004837 0.907146476
 YLR292C YLR292C::SEC72::protein involved in membrane protein insertion into
 the ER 1 0.888651408 1.201063371 0.911928919 1.31247127 1
 0.895455851 0.895809948 1.465494268 1.133715089 1 0.89707469
 1.120256392 1.186743118 1.129842047 1 1.299148941 0.931746648
 0.730089685 1.689737652 1 1.477234505 1.205836989 1.625302902
 1.256170647 1 1.00230542 1.410932362 1.08532569 0.981953456
 1.131302213 1 1.135054917 1.463307433 1.011164193 1.03192003
 1.405595187 1 1.170397564 1.251598264 1.138793773 1.271197987
 1.064313636 1.130430592
 YNL339C YNL339C::YRF1-6::Y'-helicase protein 1 1 1.613868963
 1.352790461 1.480623962 1 1.544142327 1.365744264 1.366599655
 1.607334772 1 1.434186788 1.518063837 1.531659474
 1 0.892313762 0.839394108
 1.022885925 0.918528372 1.027745312 1 1.035270696 1.095267322
 0.951056094 1.045792694 1.181267582 1 0.855214873 1.458078204
 1.021960728 1.392883975 1.066715988
 YLR294C YLR294C::YLR294C::molecular_function unknown 1 0.946309111
 1.772601526 0.932259766 2.209634453 1 1.118625636 0.988922012
 1.615705298 1.760128375 1 0.90986642 0.814378726 1.864296673
 1.134039609 1 1.177045839 0.739269833 0.903501709 2.105826723 1
 3.555336427 3.223281704 2.411237212 1 0.602477568 0.619467397
 0.401178953 0.402827022 0.701226934 1 0.991689316 1.334761719
 0.810315511 0.900763135 2.544591299 1 1.142441807 1.078657346
 0.954194355 2.295696268 2.132551099 1.521834543
 YNR014W YNR014W::YNR014W::molecular_function unknown 1 1.227677084
 1.369536804 0.695319221 0.639726528 1 1.083397908 0.819749502
 0.690827802 1 1.526129871 1.743572314 3.173959467 0.840948011 1
 0.940879581 1.421679295 1.762155002 0.8106092 1 0.760838371
 1.185534886 1.169127158 0.484188252 1 0.913760861 0.759654979
 0.622949036 0.79514579 0.857061098 1 0.897869189 0.786796321
 1.345578217 0.774245827 1.148344805 1 0.821764226 0.916261123
 0.756865335 1.068196129 1.041265894
 YLR308W YLR308W::CDA2::Required for proper formation of the ascospore wall
 1 2.211898459 1.89683233 2.008721107 1
 2.112131349 1 1.948983972 2.10400205 1.910725013 1
 1 1.23654379
 1.076958279 0.92586519 1.209666898 1 0.880930394 0.980239236
 1 1.094533343 0.725708556 1.203758855 0.876828162 1.15018825
 1.063883189
 YNR018W YNR018W::YNR018W::molecular_function unknown 1 1.124198046
 1.230840526 0.842022141 1.038976075 1 1.040471465 1.004995101
 1.28599741 1.263002996 1 1.007867111 0.94096184 1.211697423
 1.144042878 1 0.926660299 0.623275627 0.753368934 1.044268658 1
 0.851895527 1.089471348 1.040233782 0.995543454 1 0.93454821
 0.616101035 0.866765597 1.117639488 0.764484601 1 0.774728328
 0.812880952 0.774488015 1.051198615 1.114972609 1 0.80463524
 0.686873783 0.888319397 0.986760202 0.73652119 1.302928543
 YLR310C YLR310C::CDC25::cell division cycle blocked at 36 degree C 1
 1.382680955 1.222875559 1.508402964 1.105352933 1 1.383394489

	0.954199805	1.34424163	1.37380191	1	0.702157609	0.846582651	
	1.324855725	1.07991121					
YNR038W	YNR038W::DBP6::Dead Box Protein 6			1	0.723996215	0.610330707	
	0.87714329	0.786313746	1	0.769902365	0.7838629	0.765290369	
	0.867890933	1	0.591735712	0.473612085	0.391015405	0.865166721	1
	0.461171721	0.324995684	0.626247986	0.554202308	1	0.370764826	
	0.856470633	0.251347804	0.403530123	1	0.928441656	0.741891323	
	0.862679601	0.993005578	0.822755786	1	0.666898916	0.667657082	
	0.604991455	0.82607136	0.814576083	1	0.594180894	0.686801927	
	0.989227453	0.992879968	0.715754336	0.723265402			
YLR318W	YLR318W::EST2::ever shorter telomeres			1	1.431089989		
	1.582705391	1	1.732404066	1.653294779		1	
	1.509890333	1.62469665	1.387582974		1.207138699	1.30614987	
			1	1.251743201	1.402725401	1.494338466	
	1.681115911	2.440873849	1	1.428439303	0.71120476		
	1.360175326	1	1.180046503	0.721834855	0.846198063	0.911369292	
	0.946918432	0.956181415					
YNR040W	YNR040W::YNR040W::molecular_function unknown			1	1.488093555		
	1.654406899	1.822757806	1.7970812	1	1.775887863	1.503049712	
	1.629257932	1		2.02524927	1.461556928	1.549476888	1
		0.908580659		0.295698427		1	
	0.938743544	0.87217118	0.924628932	1.002272195	0.889004182	1	
	1.028461881	0.980097295	0.88864216	0.920456574	0.993783191	1	
	0.877017558	1.000606756	0.956093747	1.194638678	1.055220267	1.084898103	
YLR332W	YLR332W::MID2::Protein required for mating			1	1.051018419		
	0.736429918	0.919384486	0.83640883	1	0.93951765	0.853198766	
	0.642869975	0.673033721	1	1.012109235	0.693933905	0.613693068	
	0.712113033	1	1.059123026	0.711841203	1.155979904	0.891094813	1
	0.714021784	0.82390895	0.81299611	0.755775541	1	1.042983579	
	0.87292555	1.02961153	1.141449328	0.846809395	1	0.584158983	
	0.549778456	0.406160045	0.577348885	0.333559692	1	0.679100482	
	0.693017394	0.733051413	0.755492857	0.595255735	0.661971729		
YNR042W	YNR042W::YNR042W::molecular_function unknown			1	0.913750301		
	0.826347542	0.960621412	0.521236776	1	0.985965574	1.027310192	
	0.878627116	1	0.860627211	0.838102353	0.684586771	0.656556495	1
	0.631653335		0.679903456	0.511598202	1	0.953618786	1.380500655
	0.386055608	0.86149886	1	0.833857606	0.812442859	0.793497142	
	1.005472803	0.771157714	1	0.653223928	0.379613431	0.609856385	
	0.76765804	0.514990075	1	0.548113108	0.402000137	0.752587328	
	0.599096378	0.677747621	0.625195524				
YLR334C	YLR334C::YLR334C::molecular_function unknown				0.87051993		
	1.210563493	0.806183284	1.266785915		0.817241414	0.8237865	
	1.331604894	1.185747903		0.869260691	0.953003041	1.667543735	
	0.958430204	1	1.499080123		1.326890833	2.062229114	1
	0.893379619	2.692518549	1.196273178	0.817315686	1	0.641554021	
	0.833651418	0.864049136	0.925939235	0.958551112	1	0.973566882	
	1.978789406	2.020170889	1	1.178782769	2.420424899	1.460211503	
	1.655348195	1.193634593					
YNR044W	YNR044W::AGA1::anchorage subunit of a-agglutinin			1			
	0.709673711	0.56720244	0.664118444	0.52565601	1	0.596568723	
	0.868864435	0.399482628	0.472569415	1	0.782229571	0.685696956	
	0.564589363	0.475081754	1	0.792687343	0.741630272	1.022260398	
	0.877742215	1	0.638893041	0.914614524	0.813534159	0.577973139	1
	1.068004029	0.931750637	1.18374322	1.205300108	0.854639457	1	
	1.307366244	1.223231964	1.302015777	1.006744828	1.015621525	1	
	0.756206998	0.930941312	0.651868824	1.113593095	0.57109783	10.90151863	

YNR044W	YNR044W::AGA1::anchorage subunit of a-agglutinin	1							
	1.428836827	1.336297579	1.453393393	1	1.408903778				
	1.438780167	1	1.576879828	1.599416042					
	1.229475817	0.815536765						1	
	0.974825222	0.743906868	0.808634286	0.900671639	0.616447524	1			
	0.791995879	0.829019394	0.662218817	0.661657151	0.890667417	1			
	0.692015962	0.754422669	0.894175366	1.055640337	0.835708849	0.553394393			
YLR336C	YLR336C::SGD1::Suppressor of Glycerol Defect	1							0.719782441
	0.694269347	0.91646328	0.863398141	1	0.74056896	0.821397998			
	0.924437822	0.887967856	1	0.463051157	0.487919037	0.367284317			
	0.941666918	1	0.266180819		0.655549459	1		0.447916726	
	0.48898143		1	0.692906374	0.816101965	0.795748775	0.89011724		
	1.033332443	1	0.863000456	0.692595529	0.566680229	1.497084273			
	0.63003082	1	0.65996247	0.69296557	0.943557706	0.798056531			
	0.638545014								
YNR046W	YNR046W::YNR046W::molecular_function unknown	1							0.941330592
	1.035793227	0.654638095	1.070940071	1	0.783627917	0.912138277			
	1.021562809	1	0.865593824	0.656187197	0.844212528	0.924602944	1		
	0.560265525	0.328344311	0.461714957	0.931378761	1	0.656280347			
	0.897412979	0.626071616	0.784510112	1	1.110596608	0.774540679			
	0.607079268	0.931108756	0.766373638	1	0.90332214	1.047292028			
	0.72235295	1.048997375	1.934955694	1	0.743687243	0.84496612			
	0.87526011	1.241417293	0.603541983						
YLR338W	YLR338W::KRE21::Killer toxin REsistant	1							1.123118027
	0.832240572	1	1.319821005	1.371593579	0.863067268	1			
	1.382921498	1.537005328		0.978599467	1	0.981268347			
	1.848561293	1.676748001		0.695007702	0.695532195	0.460944811	1		
	1.020504618	1.056506532	1.125837612	1.218632084	0.986025916	1			
	0.859416446	1.06055388	0.70267273	0.829478468	0.9211859	1			
	0.773988614	0.708890744	0.792919828	0.786921847	0.771133602	3.429819256			
YNR048W	YNR048W::YNR048W::molecular_function unknown	1							1.45440137
	1.282121505	1.395051455	1.801395632	1	1.378722158	1.340092821			
	1.452108793	1	1.764545905	1.817457146	2.154585618	2.132086482	1		
	0.792047222	0.992279624	0.817629507		1	0.918317906	0.975656649		
	0.929800535		1	1.001878918	0.999359166	0.786571338	0.839944109		
	0.859167451	1	0.921173599	0.903197312	0.923689931	0.843384494			
	0.855610171	1	1.072834102	0.952836181	0.934947346	1.110246207			
	1.008109664	1.302052878							
YLR340W	"YLR340W::RPP0::Homology to rat P0, human P0, and E. coli L10e"	1							
	1.131943835	0.737068462	0.376802072	0.426865198	1	1.042056873			
	0.870333469	0.451028053	0.457739261	1	0.945707963	0.677955125			
	0.519514107	0.366688049	1	0.787782563	0.457515568	0.33759584			
	0.50346196	1	0.922832379	0.639561306	0.279606186	0.53763137	1		
	1.108004697	0.757770141	1.434770078	1.635660627	1.069281398	1			
	0.701327251	0.80416636	0.503976803	0.391712355	0.396770307	1			
	0.801749039	0.562976161	0.813615401	0.894740125	0.774491621	0.771424729			
YNR062C	YNR062C::YNR062C::molecular_function unknown	1							0.989795299
		1	1.017924346		0.937427238	1	1.041004707		
	0.968304599	0.81559912	1.081403581	1	0.588181039	0.871086278			
	0.771819492	1.165974892	1	0.96786156	2.612146677	1.811951636			
	1.051179755	1	1.096193149		0.995440355	1			
	0.783510225	0.748251976	0.688770121		1.785050927	1	0.666554329		
	0.942881664	0.477160446							
YLR342W	YLR342W::FKS1::Required for viability of calcineurin mutants	1							
	1.322978298	0.963812948	1.416537664	0.90366199	1	1.37471575			
	1.297962812	1.02107075	0.841502684	1	1.168660143	0.960784056			
	0.547937046	1.306116758	1	0.886907608	0.714181466	0.789020611			

0.400669506	1	0.332409694	0.222841847	0.227955983	0.313816961	1
1.035445864	0.740099539	1.230510241	1.539676913	1.106385335	1	
1.078934002	0.607917804	0.643315818	0.971931836	0.435120223	1	
0.659336344	0.466147298	0.636165376	0.53060079	0.50369226		
YNR064C	YNR064C::YNR064C::molecular_function	unknown	1	1.49025652		
1.113273807	1.197166983	1.959592594	1	1.127210308	2.454273893	
6.106226286	1.268911922	1	181.3904897	280.1625842	245.7150372	
218.8863986	1	59.1096923	157.4428228	152.5132481	152.6292	1
0.715375973	0.727561105	0.700694321	1.218189594	1	1.049640345	
1.876640111	5.84518339	7.812375066	2.879588679	1	0.933833011	
2.198790486	6.010828605	6.391367552	3.015126296	1	0.685784945	
0.962124794	1.027384662	1.046640019	21.45629024			
YLR356W	YLR356W::YLR356W::molecular_function	unknown	1	1.056087158		
1.323656229	0.963963182	0.962392735	1	1.013157843	1.263371204	
1.144473057	1	1.386731348	1.610887218	3.134085988	1.112049223	1
2.692481078	2.11942594	3.959601686	1	1.326206108	2.001784022	
1.346988471	0.945917305	1	1.290730506	1.447691806	1.599256106	
1.253030238	0.967156083	1	0.867710081	1.373930424	1.360268447	
1.240506284	1.19915655	1	1.009030838	1.278499478	1.123655245	
1.235280881	1.507660106	1.154072396				
YLR358C	YLR358C::YLR358C::molecular_function	unknown	1	1.030169206		
1.373411188	1.087212667	1.415530745	1	1.044908695	1.292909188	
1.26668609	1.470913926	1	1.055656427	1.100208158	1.379927067	
1.314711178	1	0.740440403	0.798829114	0.863814916	0.852779956	1
0.796677929	1.151775638	1.135226773	0.713440248	1	2.270788391	
2.065556675	1.921608973	2.229041341	2.344722293	1	0.820489742	
1.209661963	0.749445773	0.758326264	1.296353766	1	1.173221635	
1.381999418	1.233032469	1.243787602	1.200782267			
YLR360W	YLR360W::VPS38::involved in vacuolar protein targeting		1			
0.974042401	1.11900313	0.900833339	1.335908181	1	0.927533028	
0.975230808	1.295030216	1.109133595	1	1.013984051	1.137299333	
1.374474444	1.039400586	1	1.422780244	1.019020021	1.293068999	
1.627763639	1	1.293103798	2.200815651	1.743549861	0.995999379	1
1.127545411	1.196885243	0.83433304	0.937645224	1.035815951	1	
1.091255934	1.738777521	0.994891237	1.253110181	2.105866557	1	
1.014823179	1.465256287	0.877271515	1.172468223	0.862489653		
YGR215W	YGR215W::RSM27::mitochondrial ribosome small subunit component		1			
0.997380006	1.34288497	1.05569788	1.527489759	1	0.938925093	
0.993280785	1.655657337	1.503827846	1	1.133494835	1.120840674	
1.692970926	1.253217234	1	0.893017162	0.823420526	0.830896702	
1.184414449	1	1.79200601	2.432911002	2.240700042	1.533560201	
1.232561929	1.481845623	0.895148813	0.947255233	1.029594248	1	
1.189022901	1.55833995	1.169800507	1.399754965	1.787252337	1	
0.928163231	1.326322374	1.041709113	1.279907575	1.622308669	1.313436	
YGR217W	YGR217W::CCH1::calcium channel		1.055212951			
0.872261352		0.826430337	1.060956154			
1.053486123	0.775359284					
	1	0.87077674	0.919605318	1.000969766	0.975839711	
1.001235937	1	0.966409698	1.015635265	0.875630585	0.940285433	
0.892396706	1	0.927160669	1.021639535	0.898117829	0.945799079	
0.774132361	2.874673585					
YGR219W	YGR219W::YGR219W::molecular_function	unknown	1	1.247473984		
1.585553369	1.193406587	2.025784304	1	1.04920563	1.149565927	
1.768758109	1.727044689	1	1.188832121	1.267075265	2.110966697	
1.288169313	0.52306237	0.358005671	0.31846818	0.444221596		
1.137228678	0.832329326	1	0.931814753	1.035681151	0.621591978	
0.568954012	0.768035819	1	1.176432603	1.458644479	1.030042794	

	0.856633994	1.618183475	1	1.364212404	1.667298053	0.983124729
	1.803510143	1.715617622	1.867705902			
YGR221C	YGR221C::TOS2::Target of SBF			1	0.75322203	0.791987285
	0.887412543	0.855753894	1	0.786448419	0.864654066	0.778542503
	1.004292016	1	0.651159561	0.605325868	0.747774268	1.020464025
	0.654070833		0.684913053	0.89903925	0.358563434	0.430514304
	0.735405986	0.759906667	1	1.103270862	1.146153505	1.328495148
	1.216519198	1.164463249	1	1.138665128	1.160128421	1.155994999
	1.161352344	0.88869216	1	0.936466695	1.092800326	1.199808791
	1.025648903	1.140580212	1.03761439			
YNR066C	YNR066C::molecular_function unknown			1	0.871728207	
	0.998816137	0.990930084	0.918142763	1	1.072978662	0.994344765
	0.791550562	1	1.211057966	1.080978145	1.032693617	0.997257138
	0.966625228	0.995795188	1.431937482	1.086928345	1	0.81647948
	1.437799372	1.175596687	0.831349318	1	0.90923054	0.96888295
	0.778525298	0.920167512	0.997277315	1	0.807135377	0.563084146
	0.725673921	0.745950907	0.604770913	1	0.789597985	0.7990066
	0.925533592	0.708791477	0.900877149	0.773176006		
YGR223C	YGR223C::molecular_function unknown			1	0.740168621	
	0.882118346	0.937939428	0.936195988	1	0.877816588	0.902207696
	1.044558084	0.980206942	1	1.043413766	1.052274043	1.202233908
	1.015281208	1	1.360522194	1.002252214	1.314757711	1.538305833
	3.172117993	2.491999656	2.577500892	2.247889404	1	1.135462767
	1.457221679	1.232372814	0.840192964	0.999168962	1	1.307737441
	1.686558479	1.446758603	1.184741578	1.495257407	1	1.483126091
	1.542938404	1.224324619	1.342715264	1.367343321	1.419386549	
YNR068C	YNR068C::molecular_function unknown			1	0.932753138	
	0.977380393	0.950342006	1.04549114	1	0.904875214	0.979206494
	0.890540328	1	2.234288656	1.738357195	1.098992183	0.764237092
	0.427198636	0.441663337	0.663833985	0.620259856	1	0.914332046
	1.87239978	1.183387573	0.89717232	1	1.265362998	1.620448821
	1.254322764	0.997289704	1.009422248	1	2.355174744	1.151515025
	1.405316328	0.920235919	1.212232805	1	2.310765319	1.17830588
	1.118673207	1.036919128	1.189097427			
YGR237C	YGR237C::molecular_function unknown			1	0.653420113	
	0.924193909	0.885730014	0.749658001	1	0.821924133	0.95955287
	0.766876163	0.672907774	1	0.889554099	1.070099536	1.009079811
	0.863605414	1	1.632782769	1.78694228	2.083061173	1.142146823
	0.53900932	0.938185726	0.632424942	0.597923713	1	1.154959459
	1.502876462	1.272896433	1.048442748	1.191405885	1	1.241236492
	1.353513361	1.44155742	1.192176976	1.079858155	1	1.343055146
	1.41349461	1.295007323	1.189576625	1.454541217	0.909773366	
YNR070W	YNR070W::PDR18::pleiotropic drug resistance			1	1.145118468	
	0.922312839	1.226830184	0.862436266	1	1.169632128	1.394273793
	0.925325742	1	1.716286474	1.311946663	0.705417045	1
	0.829943581		1.225304312	0.628074447	1	0.891451406
	1	0.888398495	0.825501613	0.892477021	0.959827743	0.827446124
	1.063028586	0.910646269	0.846404974	0.911244277	0.970214753	1
	0.849756856	0.811668151	1.040054728	1.087057089	0.888350422	0.839723408
YLR362W	YLR362W::STE11::involved in the mating signalling pathway			1		
	0.860713359	0.981649165	1.093238029	0.964412592	1	0.970770962
	1.017981312	1.039070548	0.969369707	1	1.037009632	1.085079506
	0.989980524	1.141184392	1	1.028508246	0.633018676	0.922990501
	0.949405623	1	0.924782619	0.948992732	1.003959151	0.899313736
	1.226590205	1.18632137	1.125081153	1.158838453	1.394699695	1
	1.167818474	1.188555109	0.978335904	1.18531727	0.787902193	1
	0.904084066	0.93881438	0.87587008	0.962777435	0.618696892	1.319565341

YGR239C YGR239C::PEX21::Peroxin; Pex18p and Pex21p are partially functionally redundant. 1 0.977235958 0.964732347 0.861671636 0.945730087 1 0.814716384 0.803916455 1.107780216 1.164977602 1 1.4147515 0.835578574 0.745411889 0.989066156 1 1.039782577 1.593594465 0.708197581 1.27069749 1 1.60630702 2.092680416 1.798971758 1.405188953 1 1.038107152 0.934051161 0.703828885 0.817751318 0.94102185 1 1.012689078 1.256407266 0.858485394 1.153146659 1.877493034 1 0.888560386 1.083015638 1.552818099 0.955389807 1.407127762

YNR072W YNR072W::HXT17::Hexose transporter 1 0.762075925 0.858071458 1.117448054 0.965640131 1 1.100996117 1.228156148 1.026703397 1 0.971063419 0.894130655 0.79048544 1.083755608 1 0.921715846 1.122176609 1.336550614 1.10214443 1 0.9263017 2.229985931 0.809432013 0.916105735 1 0.851102373 0.948459605 0.895321103 0.811376344 1 0.792059797 0.732460031 0.939448568 1.144515857 0.906372149 0.857888375 0.878799763 1.115679425 0.843195016 1.351716978 0.922032049

YLR364W YLR364W::YLR364W::molecular_function unknown 1 1.484427468 1.965974895 1.099240976 1.958819981 1 1.178794413 1.133541631 1.770920497 1.788989757 1 1.350763859 1.670744008 1.753638541 1.509310887 1 1.42385626 1.156075789 0.825429689 1.916701888 1 2.551908132 3.672451307 1.942549758 2.383048218 1 1.025559156 0.876446369 0.55081364 0.892530365 0.969484626 1 1.185059098 1.744565507 0.753009365 0.935207426 3.432243271 1 1.182077933 1.395767982 0.972301979 1.771590769 1.389817965

YGR241C "YGR241C::YAP1802::Yeast Assembly Polypeptide, member of AP180 protein family, binds Pan1p and clathrin" 1 1.183696865 1.235368973 1.311147742 1.085205549 1 1.211351945 1.248863869 1.097642557 0.93967454 1 1.204822432 1.247820337 1.02215536 1.150294899 1 0.687525864 0.673583554 0.565785164 1 0.982832698 1.650646522 1.459692589 0.741718127 0.790576756 1 1.349647396 3.254713424 2.865755699 1.629746919 1 1.172845774 1.795965314 0.894871475 1.127234299 2.201318683

YOL009C YOL009C::MDM12::Required for normal mitochondrial morphology and distribution 1 0.922902152 1.199005752 1.039388124 1.290254838 1 1.132053748 1.122878145 1.243218383 1.208530395 1 0.876049494 1.241713457 1.274949222 1.139677269 1 1.444213419 1.053347316 1.707397704 1.907052999 1 1.511843968 2.587375522 1.97669266 1.268474717 1 1.011222774 1.265863733 1.083256577 1.080605511 1.145388598 1 0.988243649 1.168707171 1.151414935 1.099424427 1.411202858 1 1.069155853 1.175858675 1.3100185 1.146191829

YLR366W YLR366W::YLR366W::molecular_function unknown 1 1.184201417 1 0.798400527 0.105939195 0.098929192 1 0.842417527 0.905854126 1.063344379 1.138000608 1.048765565 1 0.761414121 0.920608301 0.803976931 1 0.949537298 1.039645105 0.961195633 0.892965516 1.244907001

YGR243W YGR243W::YGR243W::molecular_function unknown 1 1.028556101 1.477383284 0.911087146 1.174541153 1 0.986524764 1.161363856 1.27684135 1.035020877 1 1.22835238 1.613760308 3.150409436 1.172052742 1 2.538224054 2.104811737 3.412223417 4.305554785 1 4.698036194 4.772454459 7.704508672 3.090384283 1 0.990626674 1.117038924 1.045622507 0.873000633 0.871915874 1 0.640130399 0.954568534 1.722148316 0.962940353 1.204299628 1 0.652386376 0.938953895 1.367659078 1.090107367 1.70095549 1.451784585

YOL011W YOL011W::PLB3::Phospholipase B 1 0.744912931 0.636634419
0.853147178 0.563297655 1 0.851378293 0.954926441 0.584722957
0.671593357 1 0.677780467 0.699833971 0.451694137 0.749435382 1
0.79985801 0.722081567 0.994155791 0.749446211 1 1.046244921
1.243945318 0.679186659 0.847507961 1 1.040329141 1.009893618
1.328200865 1.063826969 0.862426726 1 0.685671596 0.628388648
0.823217437 0.731486456 0.60332054 1 0.636910512 0.678887797
1.024079728 0.775358131 0.902106056 0.808200933
YLR380W "YLR380W::CSR1::chs5 spa2 rescue; isolated as a multicopy suppressor
of the lethality of chs5 spa2 double mutant at 37 degrees. Also Sec14p homolog,
putative phosphatidylinositol transfer protein." 1 1.23631259
1.200004822 0.786236739 0.654648591 1 1.317486618 1.219717595
0.738358649 0.719333683 1 1.171463373 1.145625144 0.991000915
0.836181835 1 1.016495472 0.759547391 0.754787478 0.738235514 1
0.427243738 0.397402142 0.275215361 0.547386171 1 1.101686945
1.014834259 1.155038897 1.418276896 1.153826618 1 0.879953882
0.957929724 0.778998176 1.114474555 0.799161584 1 0.830838065
0.81700321 1.080524105 0.818415885 0.659685418 1.089276219
YGR245C YGR245C::SDA1::Severe Depolymerization of Actin 1 0.966841375
0.714224298 0.916958681 0.716301799 1 0.816941682 0.745803042
0.896285443 0.837088755 1 0.722316979 0.401791694 0.223439372
1.032460781 1 0.676367647 1
1 0.789850955 0.547593767 0.596376598 0.933626325 0.921413317 1
0.854033544 0.563007718 0.435302464 0.817615004 0.871541442 1
0.599305059 0.527963821 0.85608197 1.059644797 0.350572822 0.72501668
YOL013C YOL013C::HRD1::Ubiquitin-protein ligase for endoplasmic reticulum-
associated degradation. 1 0.851592049 0.860585631 0.927234402 0.993166543 1
0.97571229 1.067723212 0.906070387 0.903062953 1 1.11562435
1.250678582 0.879019566 0.96606905 1 1.793446421 0.693430534
1.759146932 1.238581343 1 1.641655539 1.773370403 1.280048006
1.153265088 1 1.794450308 2.132755774 1.688198538 1.400445463
1.156446664 1 1.460068955 1.456061234 1.804650899 1.111654056
1.101810632 1 1.514015435 1.576846491 1.445133514 1.360371089
1.524967477 1.077017537
YLR382C YLR382C::NAM2::mitochondrial leucyl tRNA synthetase 1
0.651876038 0.774293269 0.943031878 0.648869674 1 0.926704827
0.673771018 1 0.762818599 0.771966911 0.583500035 0.708481045 1
1.397322531 0.970433352 1.274189835 1.06086628 1 1.794972605
2.170739131 1.363174122 1 1.263152564 1.013056859 1.136829022
1.330082425 1.389001992 1 1.518578027 0.798266934 0.757072872
1.129953151 0.518988791 1 0.73057366 0.787697957 1.045373822
0.605863646 0.842712717
YOL015W YOL015W::YOL015W::molecular_function unknown 1 1.425487525
1.292987955 1.513443303 1 1.451089276 1.458092687 1
1.210579302 1.324986743 1.672067805 1 0.733355339 0.899967835
0.902181356 1 0.708822293 2.174188101 1
1.053499214 0.837740313 1.159949801 1.102567713 1 1.082768962
1.075249383 0.798738301 1.18132601 1 1.229965791
1.223650939 1.521969733 1.576026606 0.641832375
YLR384C YLR384C::IKI3::RNA polymerase II Elongator subunit
1.204198668 0.840447656 1.354074768 0.866387556 1.251892799
1.296090702 0.885086617 0.851210833 0.940392926 0.799634033
0.420683777 1.120942386 0.99400465 0.744036771
0.529696 1 0.687132196 0.975354226
1.650042762 0.932277189
1.85667492 1.098499683 1.19283856

YLR384C YLR384C::IKI3::RNA polymerase II Elongator subunit

1 0.956092851

0.603296454 0.746879862 1.821751438 1.073819373 1 0.600866872

0.188912382 0.187284994 0.529494453 0.319726493 1 0.543655316

0.218762474 0.531724687 0.60743268 0.432813008 0.713633558

YOL017W YOL017W::ESC8::Establishes Silent Chromatin 8 1 1.49116797

1.686510098 2.013525153 2.105368144 1 2.067591373 2.160851217

1 1.108630177 0.91799453 1.201078136 2.206523137 1 0.409550326

0.358065565 0.386455782 1.292964627 1 0.798496964

1.832908114 1 0.74859792 0.719898886 0.930809793 0.638859942

1.156397367 1 1.110824256 1.307646005 1.229226458 1.1801633

1.175383425 1 1.213713037 1.249773955 1.124433711 1.328684592

1.450969039 0.992082006

YLR386W YLR386W::VAC14::VACuole morphology and inheritance mutant 1

0.68728401 0.663434204 0.905348003 0.560262422 1 0.875251146

0.691603792 1 0.70622523 0.689478768 0.464089346 0.841038885 1

1.191093127 0.865087649 1 0.814528003

0.87194246 1 1.021354026 0.973744364 1.276750631 1.253569856

1.119909267 1 0.925787484 1.001352392 0.90045935 1.214543177

0.85166776 1 0.940948768 1.203645136 1.226030885 1.073776949

0.930930812 0.762668497

YOL019W YOL019W::TOS7::molecular_function unknown 1 1.356546676

1.081881094 1.737798325 1.513463561 1 1.330586321 1.526914613

1.213457429 1.260067395 1 1.12722675 0.876158183 0.630943923

1.501450674 1 0.640459846 0.562223875 0.419226664 1

0.562317472 0.632577168 0.763536685 1 0.857788095 0.835524465

0.974531862 1.046134495 0.875025112 1 0.793830638 0.731128993

0.693360602 0.475541463 0.58314385 1 0.802708557 0.734978076

1.105848991 0.794156098 1.174484277 0.624319912

YLR388W YLR388W::RPS29A::Homology to rat S29 1 1.47262027

1.942723951 0.868046146 2.317857904 1 1.130678683 1.205111351

1.689057126 1.524469055 1 1.134553958 1.075654593 1.161603029

1.03064755 1 0.742702717 0.324226492 0.250282213 0.619608112 1

1.690978121 1.53501616 0.725007701 0.764900606 1 0.985258713

1.073475105 0.71133357 0.95067597 1.283907271 1 1.209863553

1.863431744 0.867361267 0.972247383 1.674946168 1 0.98430221

1.629552746 1.073377951 2.246753459 1.512037534 1.305555433

YLR390W YLR390W::ECM19::ExtraCellular Mutant 1 1.139712962

1.90209355 1.21235316 2.258093465 1 1.256249487 1.522988864

1.997906789 1.865986375 1 1.397207425 1.713340651 2.629995874

1.395808034 1 1.369491254 1.095053893 1.271694099 1.254010448 1

1.795294321 3.28398696 2.437790797 1.359233818 1 1.468341488

1.728399523 1.24267037 1.269130768 1.621735054 1 1.262787634

2.078350964 0.982125883 1.462514631 1 0.911865058 1.245459088

1.142447229 1.207018085 1.177654221

YLR404W YLR404W::YLR404W::molecular_function unknown 1 1.366901133

1.426059161 1.343750376 1.389690747 1 1.458227871 1.338959987

1.291447981 1.439660177 1 1.147903673 1.136290912 0.893814158

1.14141574 0.437893748 1 0.985585033

1 0.991126267 1.087847904 0.90135384 0.854377952 0.966150376 1

0.945600255 1.286143768 0.928828254 0.875274866 1.405650237 1

1.109091922 1.352354303 1.005334258 1.427879786 1.004430466 1.488560842