

Table 6. Top 5,000 predictions

#	Gene 1 of predicted pair				Gene 2 of predicted pair				score	node rank
	SGD name	ORF name	Y name	MIPS function	SGD name	ORF name	Y name	MIPS function		
1	S0002990	STT3	YGL022W	protein modification;	S0000178	RHK1	YBL082C	protein modification;	0.801	1
2	S0004599	ERO1	YML130C	protein modification;	S0006148	ALG5	YPL227C	protein modification;	0.801	1
3	S0004757	SWP1	YMR149W	protein modification;	S0000178	RHK1	YBL082C	protein modification;	0.801	1
4	S0003539	OST1	YJL002C	protein modification;	S0000178	RHK1	YBL082C	protein modification;	0.801	1
5	S0005008	YDJ1	YNL064C	protein targeting, sorting and translocation; mitochondrial transport; vesicular transport; stress response;	S0006015	SEC62	YPL094C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.801	1
6	S0000630	FEN1	YCR034W	lipid, fatty-acid and isoprenoid biosynthesis; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0000007	SPO7	YAL009W	meiosis; sporulation and germination; nucleus;	0.801	1
7	S0000375	SEC66	YBR171W	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0001556	LHS1	YKL073W	protein folding and stabilization; protein targeting, sorting and translocation;	0.801	1
8	S0001556	LHS1	YKL073W	protein folding and stabilization; protein targeting, sorting and translocation;	S0002822		YDR414C	protein targeting, sorting and translocation; protein modification; cell wall;	0.801	1
9	S0001236	EGD2	YHR193C	regulation of C-compound and carbohydrate utilization;	S0003324	DBF2	YGR092W		0.723	2
10	S0001767	TIF1	YKR059W	translation;	S0003017	TIF4632	YGL049C	translation;	0.723	2
11	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	0.723	2

12	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0004698	AIP1	YMR092C	0.723	2	
13	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0004421	CRN1	YLR429W	0.723	2	
14	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0005180	SIN4	YNL236W	0.723	2	
15	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0005952	PHO85	YPL031C	0.723	2	
16	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0005082	SRV2	YNL138W	0.723	2	
17	S0001767	TIF1	YKR059W	translation;	S0003767	SUI2	YJR007W	0.723	2	
18	S0002504	MSH6	YDR097C	DNA recombination and DNA repair;	S0004837	MRE11	YMR224C	0.723	2	
19	S0002840	NPL3	YDR432W	rRNA transcription; rRNA processing; RNA transport; protein targeting, sorting and translocation; nuclear transport;	S0001323	SNP1	YIL061C	mRNA processing ; splicing;	0.723	2
20	S0004814	RAD14	YMR201C	DNA recombination and DNA repair; DNA repair;	S0003131	RAD54	YGL163C	DNA recombination and DNA repair; DNA repair; meiosis;	0.723	2

21	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0003826	ARP3	YJR065C	cytoskeleton-dependent transport;	0.723	2
22	S0001551	NUP100	YKL068W	RNA transport; nuclear transport;	S0003597	NUP82	YJL061W	RNA transport; nuclear transport;	0.723	2
23	S0001551	NUP100	YKL068W	RNA transport; nuclear transport;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.723	2
24	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.723	2
25	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.723	2
26	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0002856	ADA2	YDR448W		0.723	2
27	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0006175	HF11	YPL254W		0.723	2
28	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	0.723	2

29	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0001141	TRA1	YHR099W	0.723	2
30	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0005411	GAL11	YOL051W	0.723	2
31	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	0.723	2
32	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	0.723	2
33	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0005937	SWI1	YPL016W	0.723	2
34	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	0.723	2
35	S0002319	DHH1	YDL160C	other transcription activities;	S0004045	SPT8	YLR055C	0.723	2

36	S0004198	SEC13	YLR208W	vesicular transport ;	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	0.723	2
37	S0001208	PRP8	YHR165C	mRNA processing ; splicing;	S0002772	CDC40	YDR364C	DNA synthesis and replication;	0.723	2
38	S0000285	SPT7	YBR081C		S0000493	SNF5	YBR289W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.723	2
39	S0001377	NUP159	YIL115C	nuclear transport;	S0002274	NUP84	YDL116W	nuclear transport; sporulation and germination;	0.723	2
40	S0000285	SPT7	YBR081C		S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.723	2
41	S0006095	NIP100	YPL174C	cytoskeleton-dependent transport;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.723	2
42	S0000285	SPT7	YBR081C		S0004712	YKU80 HDF2	YMR106C	DNA recombination and DNA repair; DNA repair;	0.723	2
43	S0001540	NUP120	YKL057C	RNA transport; nuclear transport;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.723	2
44	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0001540	NUP120	YKL057C	RNA transport; nuclear transport;	0.723	2
45	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	0.723	2

46	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.723	2
47	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.723	2
48	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0006177	CLN2	YPL256C	DNA synthesis and replication; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.723	2
49	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0004812	CLN1	YMR199W		0.723	2
50	S0003351	NUP57	YGR119C	nuclear transport;	S0002274	NUP84	YDL116W	nuclear transport; sporulation and germination;	0.723	2
51	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000038	CLN3	YAL040C	DNA synthesis and replication; stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.723	2
52	S0002896	PAC11	YDR488C	cytoskeleton-dependent transport; DNA synthesis and replication; cell cycle checkpoints ;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	0.723	2
53	S0003829	RFC2	YJR068W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	S0005743	RFC1	YOR217W	DNA synthesis and replication;	0.723	2
54	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.723	2

55	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.723	2
56	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.723	2
57	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.723	2
58	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.723	2
59	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.723	2
60	S0003105	SEC27	YGL137W	vesicular transport ;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.723	2
61	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.723	2
62	S0005996	GCR1	YPL075W	regulation of C-compound and carbohydrate utilization;	S0004712	YKU80 HDF2	YMR106C	DNA recombination and DNA repair; DNA repair;	0.723	2
63	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.723	2

64	S0000493	SNF5	YBR289W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; proteolytic degradation; cytoplasmic and nuclear degradation;	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination; proteolytic degradation; cytoplasmic and nuclear degradation;	0.723	2
65	S0005785	RPT4	YOR259C		S0001243	RPN10	YHR200W		0.723	2
66	S0000493	SNF5	YBR289W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0002856	ADA2	YDR448W		0.723	2
67	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	0.723	2
68	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.723	2
69	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.723	2
70	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0002796	RVS167	YDR388W	budding, cell polarity and filament formation;	0.723	2



71	S0000493	SNF5	YBR289W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; DNA synthesis and replication;	S0001141	TRA1	YHR099W	0.723	2
72	S0005234	RFC3	YNL290W		S0005743	RFC1	YOR217W	0.723	2
73	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	S0005411	GAL11	YOL051W	0.723	2
74	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0000457	SRB6	YBR253W	0.723	2
75	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	S0005816	SNF2	YOR290C	0.723	2

76	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0002856	ADA2	YDR448W	0.723	2
77	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	0.723	2
78	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	0.723	2
79	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	0.723	2
80	S0004045	SPT8	YLR055C		S0005180	SIN4	YNL236W	0.723	2
81	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000814	PRE1	YER012W	0.723	2
82	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004931	PRE5	YMR314W	0.723	2

83	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.723	2
84	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0000285	SPT7	YBR081C		0.723	2
85	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.723	2
86	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	0.723	2
87	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.723	2
88	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.723	2
89	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.723	2
90	S0001762	DYN1	YKR054C	vesicular transport ; cytoskeleton-dependent transport;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.723	2

91	S0005098	YCK2	YNL154C	cytokinesis ; cellular import; stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000925	YCK3	YER123W	0.723	2
92	S0005495	MED7	YOL135C		S0005508	SPT20	YOL148C	0.723	2
93	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	S0001171	ARP1	YHR129C	0.723	2
94	S0005495	MED7	YOL135C		S0005937	SWI1	YPL016W	0.723	2
95	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	S0005411	GAL11	YOL051W	0.723	2
96	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	S0005816	SNF2	YOR290C	0.723	2
97	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	S0000493	SNF5	YBR289W	0.723	2

98	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0005430	NUF2	YOL069W	0.723	2
99	S0004715	MYO5	YMR109W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0005707	LAS17	YOR181W	0.723	2
100	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0003131	RAD54	YGL163C	0.723	2
101	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0000313	CMD1	YBR109C	0.723	2
102	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	0.723	2
103	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	0.723	2

104	S0005508	SPT20	YOL148C		S0003712	SWI3	YJL176C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.723	2
105	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	0.723	2
106	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0003068	SEH1	YGL100W	nuclear transport; sporulation and germination;	0.723	2
107	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.723	2
108	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.723	2
109	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0000493	SNF5	YBR289W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.723	2
110	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0005937	SWI1	YPL016W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.723	2

111	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.723	2
112	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.723	2
113	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	S0003068	SEH1	YGL100W	nuclear transport; sporulation and germination;	0.723	2
114	S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.723	2
115	S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	S0003712	SWI3	YJL176C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.723	2
116	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0003324	DBF2	YGR092W		0.723	2
117	S0002163	MED2	YDL005C		S0000285	SPT7	YBR081C		0.723	2
118	S0002163	MED2	YDL005C		S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.723	2

119	S0002163	MED2	YDL005C		S0005937	SWI1	YPL016W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.723	2
120	S0006125	HRR25	YPL204W	DNA recombination and DNA repair; DNA repair; meiosis;	S0005565	CKB2	YOR039W	tRNA transcription; other tRNA-transcription activities;	0.723	2
121	S0002772	CDC40	YDR364C	DNA synthesis and replication;	S0003088	PRP43	YGL120C	mRNA processing ; splicing;	0.723	2
122	S0002772	CDC40	YDR364C	DNA synthesis and replication;	S0003959	PRP19	YLL036C	mRNA processing ; splicing;	0.723	2
123	S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins; DNA synthesis and replication; cell cycle checkpoints ;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.723	2
124	S0000291	RFC5	YBR087W		S0005234	RFC3	YNL290W	DNA synthesis and replication;	0.723	2
125	S0000189	ROX3	YBL093C	stress response; DNA synthesis and replication; cell cycle checkpoints ;	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; DNA synthesis and replication; cell cycle checkpoints ;	0.723	2
126	S0000291	RFC5	YBR087W		S0003829	RFC2	YJR068W	DNA synthesis and replication; DNA recombination and DNA repair;	0.723	2
127	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	S0005032	TOP2	YNL088W		0.723	2



128	S0006276	NOT5	YPR072W		S0000019	CCR4	YAL021C	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization;	0.723	2
129	S0000189	ROX3	YBL093C	stress response;	S0005937	SWI1	YPL016W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.723	2
130	S0006276	NOT5	YPR072W		S0000689	CDC39	YCR093W	budding, cell polarity and filament formation;	0.723	2
131	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.723	2
132	S0004198	SEC13	YLR208W	vesicular transport ; proteolytic degradation; cytoplasmic and nuclear degradation;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.723	2
133	S0002165	RPT2	YDL007W		S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.723	2
134	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton;	0.694	3
135	S0001368	MOB1	YIL106W		S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	0.694	3

136	S0001368	MOB1	YIL106W		S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins; cytoskeleton-dependent transport;	0.694	3
137	S0001368	MOB1	YIL106W		S0006076	KIP2	YPL155C		0.694	3
138	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	0.694	3
139	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.694	3
140	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	0.694	3
141	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0000975	RAD24	YER173W	DNA recombination and DNA repair; cell cycle checkpoints ;	0.694	3
142	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.694	3
143	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	0.694	3
144	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0006115	DDC1	YPL194W	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; stress response;	0.694	3

145	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0004494	RAD52	YML032C	DNA recombination and DNA repair; DNA repair; pheromone response, mating-type determination, sex-specific proteins;	0.694	3
146	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0002483	RAD55	YDR076W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	0.694	3
147	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.694	3
148	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0003131	RAD54	YGL163C	DNA recombination and DNA repair; DNA repair; meiosis;	0.694	3
149	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0000302	MMS4	YBR098W	DNA recombination and DNA repair; DNA repair;	0.694	3
150	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0002625	RAD9	YDR217C	DNA recombination and DNA repair; cell cycle checkpoints ;	0.694	3
151	S0003651	ASF1	YJL115W		S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.694	3
152	S0003651	ASF1	YJL115W		S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.694	3

153	S0000818	BIM1	YER016W	cell cycle checkpoints ; nucleus;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.694	3
154	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0005251	MCK1	YNL307C	meiosis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.694	3
155	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.694	3
156	S0004683	CTF18	YMR078C		S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	0.694	3
157	S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.694	3

158	S0005378	TLG2	YOL018C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.694	3
159	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0003461	SMI1	YGR229C	regulation of C-compound and carbohydrate utilization;	0.694	3
160	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005177	BNI4	YNL233W	assembly of protein complexes; budding, cell polarity and filament formation;	0.694	3
161	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0004334	FKS1	YLR342W		0.694	3
162	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0000227	CHS3	YBR023C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination; cell wall;	0.694	3

163	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.694	3
164	S0000602	RVS161	YCR009C	cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.694	3
165	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000375	SEC66	YBR171W	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.694	3
166	S0003461	SMI1	YGR229C	regulation of C-compound and carbohydrate utilization;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.694	3
167	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	S0006222	RLF2	YPR018W	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes;	0.694	3

168	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	S0004022	RAD5	YLR032W	DNA recombination and DNA repair; DNA repair;	0.694	3
169	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0004322	CHS5	YLR330W	regulation of C-compound and carbohydrate utilization; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.694	3
170	S0001857	TUB2	YFL037W	meiosis;	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	0.694	3
171	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0000227	CHS3	YBR023C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination; cell wall;	0.694	3
172	S0001857	TUB2	YFL037W	meiosis;	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	0.694	3
173	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0005177	BNI4	YNL233W	assembly of protein complexes; budding, cell polarity and filament formation;	0.694	3

174	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.694	3
175	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	0.694	3
176	S0002796	RVS167	YDR388W	budding, cell polarity and filament formation;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.694	3



177	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0006222	RLF2	YPR018W	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes;	0.694	3
178	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0004022	RAD5	YLR032W	DNA recombination and DNA repair; DNA repair;	0.694	3
179	S0002384	SHS1	YDL225W	cytokinesis ; budding, cell polarity and filament formation;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.694	3
180	S0000157	SKT5	YBL061C	regulation of C-compound and carbohydrate utilization; cell wall;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.694	3
181	S0000157	SKT5	YBL061C	regulation of C-compound and carbohydrate utilization; cell wall;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.694	3
182	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.694	3

183	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.694	3
184	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.694	3
185	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.694	3

186	S0005215	BN11	YNL271C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.694	3
187	S0005721	SLK19	YOR195W		S0003420	BUB1	YGR188C		cell cycle checkpoints ;	0.694
188	S0004550	TUB1	YML085C		S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	0.694	3
189	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.694	3
190	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	0.694	3
191	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	S0001596	RAD27	YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.694	3
192	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.694	3

193	S0001201	KEL1	YHR158C	cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.694	3
194	S0005194	RAD50	YNL250W	DNA recombination and DNA repair; DNA repair; meiosis;	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	0.694	3
195	S0004593	TUB3	YML124C		S0004550	TUB1	YML085C		0.668	4
196	S0004683	CTF18	YMR078C		S0005743	RFC1	YOR217W	DNA synthesis and replication;	0.668	4
197	S0005289	VPS27	YNR006W	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport;	S0002731	PEP7	YDR323C	protein targeting, sorting and translocation; vacuolar transport;	0.668	4
198	S0006074	RAD53	YPL153C	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; intracellular signalling; other intracellular signal transduction activities;	S0002259	DUN1	YDL101C	DNA recombination and DNA repair; DNA repair; intracellular signalling; other intracellular signal transduction activities;	0.668	4
199	S0005564	HIR2	YOR038C		S0000104	HIR1	YBL008W		0.668	4
200	S0005050	INP52	YNL106C	other lipid, fatty-acid and isoprenoid metabolism activities;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.668	4
201	S0004202	TUB4	YLR212C		S0001857	TUB2	YFL037W	meiosis;	0.668	4
202	S0001857	TUB2	YFL037W	meiosis;	S0004593	TUB3	YML124C		0.668	4
203	S0001857	TUB2	YFL037W	meiosis;	S0004550	TUB1	YML085C		0.668	4

204	S0002384	SHS1	YDL225W	cytokinesis ; budding, cell polarity and filament formation;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.668	4
205	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0001404	CCT2	YIL142W	protein folding and stabilization;	0.668	4
206	S0000104	HIR1	YBL008W		S0000307	SIF2	YBR103W	stress response;	0.668	4
207	S0006130	IPL1	YPL209C		S0002186	MPS1	YDL028C	meiosis;	0.668	4
208	S0001856	YPT1	YFL038C	vesicular transport ; RNA transport; nuclear transport;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.530	5
209	S0001551	NUP100	YKL068W		S0002600	NUP42	YDR192C	RNA transport; nuclear transport;	0.530	5
210	S0000286	UBC4	YBR082C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; vacuolar transport; stress response; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0003365	PEX4	YGR133W	protein modification; assembly of protein complexes;	0.530	5
211	S0002466	UBC5	YDR059C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; vacuolar transport; stress response; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0004624	QRI8	YMR022W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; pheromone response, mating-type determination, sex-specific proteins;	0.530	5

212	S0002466	UBC5	YDR059C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; vacuolar transport; stress response; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0002584	UBC1	YDR177W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; vacuolar transport; sporulation and germination;	0.530	5
213	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	S0003684		YJL148W	rRNA transcription; rRNA synthesis;	0.530	5
214	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005540	RTS1	YOR014W	stress response;	0.530	5
215	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.530	5
216	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004478	PPZ1	YML016C	stress response;	0.530	5
217	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0001020		YHL028W	stress response; cell wall;	0.530	5

218	S0004876	SAP30	YMR263W	cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0003146		YGL178W	stress response; cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins; cell aging;	0.530	5
219	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	0.530	5
220	S0000999	STE20	YHL007C	cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.530	5
221	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.530	5
222	S0002253	PMT1	YDL095W	protein modification;	S0003904	PMT4	YJR143C	protein modification;	0.530	5
223	S0005534	SLG1	YOR008C	stress response;	S0001020		YHL028W	stress response; cell wall;	0.530	5
224	S0005848	PMT3	YOR321W	protein modification;	S0002253	PMT1	YDL095W	protein modification;	0.530	5
225	S0005848	PMT3	YOR321W	protein modification;	S0003904	PMT4	YJR143C	protein modification;	0.530	5

226	S0004624	QR18	YMR022W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; pheromone response, mating-type determination, sex-specific proteins;	S0002584	UBC1	YDR177W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; vacuolar transport; sporulation and germination;	0.530	5
227	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001072	SLT2	YHR030C	stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	0.517	6
228	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000157	SKT5	YBL061C	regulation of C-compound and carbohydrate utilization; cell wall;	0.517	6
229	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003836	HOC1	YJR075W	protein modification; cell growth / morphogenesis; budding, cell polarity and filament formation; cell wall;	0.517	6



230	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000227	CHS3	YBR023C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination; cell wall;	0.517	6
231	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001184	CHS7	YHR142W	vesicular transport ; cell wall;	0.517	6
232	S0000927	RSP5	YER125W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton; DNA synthesis and replication; cell cycle checkpoints ;	0.517	6
233	S0003865	SOD1	YJR104C	detoxification;	S0000291	RFC5	YBR087W	DNA synthesis and replication; DNA recombination and DNA repair;	0.517	6
234	S0003865	SOD1	YJR104C	detoxification;	S0000292	POL30	YBR088C	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
235	S0004659	BUB2	YMR055C	cell cycle checkpoints ;	S0005070	SPC98	YNL126W		0.517	6
236	S0004593	TUB3	YML124C		S0003084	CDC20	YGL116W	proteolytic degradation; DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
237	S0003865	SOD1	YJR104C	detoxification;	S0002483	RAD55	YDR076W		0.517	6
238	S0001368	MOB1	YIL106W		S0004069	SIC1	YLR079W		0.517	6

239	S0001368	MOB1	YIL106W		S0001195	SPO12	YHR152W	meiosis; sporulation and germination;	0.517	6
240	S0000787	CIN8	YEL061C	cytoskeleton-dependent transport;	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.517	6
241	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	0.517	6
242	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
243	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	0.517	6
244	S0004490	TSA1	YML028W	detoxification;	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.517	6
245	S0004490	TSA1	YML028W	detoxification;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.517	6
246	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0003878	STE24	YJR117W	protein modification; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
247	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0000375	SEC66	YBR171W	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.517	6

248	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.517	6
249	S0004252	YPT6	YLR262C	vesicular transport ;	S0005505	CTR9	YOL145C		0.517	6
250	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	0.517	6
251	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.517	6
252	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0002771	ESC2	YDR363W		0.517	6
253	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0006339	CTF4	YPR135W	DNA synthesis and replication;	0.517	6
254	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0003628	HPR5	YJL092W	DNA recombination and DNA repair; DNA repair;	0.517	6
255	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0005895	RAD17	YOR368W	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; meiosis;	0.517	6
256	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport; DNA synthesis and replication; DNA recombination and DNA repair;	S0003719	MNN11	YJL183W	protein modification; modification with sugar residues ;	0.517	6
257	S0000292	POL30	YBR088C	cytoskeleton-dependent transport; DNA synthesis and replication; DNA recombination and DNA repair;	S0002794	MUS81	YDR386W	DNA recombination and DNA repair; DNA repair;	0.517	6

258	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0004802	SGS1	YMR190C	DNA recombination and DNA repair; cell death;	0.517	6
259	S0001722	YPT52	YKR014C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.517	6
260	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0005742	RUD3	YOR216C	vesicular transport ;	0.517	6
261	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0000298		YBR094W		0.517	6
262	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0000521	DCC1	YCL016C		0.517	6
263	S0003962	UBI4	YLL039C	other protein-synthesis activities; assembly of protein complexes; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	S0000219	TTP1	YBR015C	cell growth / morphogenesis;	0.517	6
264	S0001551	NUP100	YKL068W	RNA transport; nuclear transport;	S0002274	NUP84	YDL116W	nuclear transport; sporulation and germination;	0.517	6
265	S0001776	BET3	YKR068C	vesicular transport ;	S0000157	SKT5	YBL061C	regulation of C-compound and carbohydrate utilization; cell wall;	0.517	6

266	S0004334	FKS1	YLR342W		S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; budding, cell polarity and filament formation;	0.517	6
267	S0001776	BET3	YKR068C	vesicular transport ;	S0002796	RVS167	YDR388W		0.517	6
268	S0004224	TOP3	YLR234W	meiosis;	S0003119	NUT1	YGL151W		0.517	6
269	S0004224	TOP3	YLR234W	meiosis;	S0004378	VAC14	YLR386W		0.517	6
270	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0003896	MCM22	YJR135C	nuclear and chromosomal cycle; chromosome segregation;	0.517	6
271	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0000311	IML3	YBR107C		0.517	6
272	S0003084	CDC20	YGL116W	proteolytic degradation;	S0005929	CHL1	YPL008W		0.517	6
273	S0003084	CDC20	YGL116W	proteolytic degradation; cell cycle checkpoints ;	S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	0.517	6
274	S0000818	BIM1	YER016W	nucleus;	S0003084	CDC20	YGL116W	proteolytic degradation;	0.517	6
275	S0003084	CDC20	YGL116W	proteolytic degradation;	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	0.517	6
276	S0001562	SMY1	YKL079W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.517	6

277	S0003879	ILM1	YJR118C		S0000049		YAL053W		0.517	6
278	S0004683	CTF18	YMR078C		S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	0.517	6
279	S0003213	RTF1	YGL244W	general transcription activities;	S0000009		YAL011W		0.517	6
280	S0005670	EFD1 ELG1	YOR144C		S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	0.517	6
281	S0003063	VPS45	YGL095C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; vacuole or lysosome;	S0004252	YPT6	YLR262C	vesicular transport ;	0.517	6
282	S0003213	RTF1	YGL244W	general transcription activities;	S0000913	SWI4	YER111C		0.517	6
283	S0004683	CTF18	YMR078C		S0003084	CDC20	YGL116W	proteolytic degradation;	0.517	6
284	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.517	6

285	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002562	CPH1 CPR1	YDR155C	protein folding and stabilization; stress response;	0.517	6
286	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005079	FPR1	YNL135C	protein folding and stabilization;	0.517	6
287	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	0.517	6
288	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000916	BOI2	YER114C	budding, cell polarity and filament formation;	0.517	6
289	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000521	DCC1	YCL016C		0.517	6

290	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005952	PHO85	YPL031C	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	0.517	6
291	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton;	S0003084	CDC20	YGL116W	proteolytic degradation;	0.517	6
292	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton; proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
293	S0001948	RPN12	YFR052W	DNA synthesis and replication;	S0004334	FKS1	YLR342W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.517	6
294	S0006339	CTF4	YPR135W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0001505	CDC16	YKL022C	DNA synthesis and replication;	0.517	6
295	S0001948	RPN12	YFR052W	DNA synthesis and replication;	S0000521	DCC1	YCL016C		0.517	6
296	S0006339	CTF4	YPR135W	proteolytic degradation;	S0003084	CDC20	YGL116W	proteolytic degradation;	0.517	6



297	S0001505	CDC16	YKL022C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0000227	CHS3	YBR023C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination; cell wall;	0.517	6
298	S0004876	SAP30	YMR263W	cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.517	6
299	S0005008	YDJ1	YNL064C	protein targeting, sorting and translocation; mitochondrial transport; vesicular transport ; stress response;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.517	6
300	S0003461	SMI1	YGR229C	regulation of C-compound and carbohydrate utilization;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.517	6

301	S0003461	SMI1	YGR229C	regulation of C-compound and carbohydrate utilization;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
302	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	S0000682	CSM1	YCR086W	meiosis; sporulation and germination;	0.517	6
303	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	S0001584	HSL1	YKL101W	budding, cell polarity and filament formation; assembly of protein complexes; vesicular transport ; Golgi;	0.517	6
304	S0002728		YDR320C	vesicular transport ; DNA recombination and DNA repair; DNA repair; meiosis;	S0002296	ARF2	YDL137W	budding, cell polarity and filament formation;	0.517	6
305	S0002777	XRS2	YDR369C	protein folding and stabilization; cytoskeleton;	S0006323	CLB2	YPR119W	proteolytic degradation; DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.517	6
306	S0003310	PAC10	YGR078C		S0003084	CDC20	YGL116W	DNA recombination and DNA repair; DNA repair; meiosis;	0.517	6
307	S0000064	SWD1	YAR003W		S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis;	0.517	6
308	S0000064	SWD1	YAR003W	budding, cell polarity and filament formation;	S0002777	XRS2	YDR369C		0.517	6
309	S0006323	CLB2	YPR119W		S0004225		YLR235C		0.517	6
310	S0000809	PAC2	YER007W	other lipid, fatty-acid and isoprenoid metabolism activities;	S0003084	CDC20	YGL116W	proteolytic degradation;	0.517	6
311	S0005050	INP52	YNL106C	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	0.517	6
312	S0001065	MYO1	YHR023W		S0001184	CHS7	YHR142W	vesicular transport ; cell wall;	0.517	6

313	S0003174	CHC1	YGL206C	protein targeting, sorting and translocation; cellular import;	S0002296	ARF2	YDL137W	assembly of protein complexes; vesicular transport ; Golgi;	0.517	6
314	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0001584	HSL1	YKL101W	budding, cell polarity and filament formation;	0.517	6
315	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.517	6
316	S0003493	APL6	YGR261C	cellular import;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.517	6
317	S0001209	CDC23	YHR166C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; cytoskeleton;	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	0.517	6
318	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
319	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	S0003084	CDC20	YGL116W	proteolytic degradation;	0.517	6
320	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	S0004925	PSE1	YMR308C	nuclear transport;	0.517	6

321	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
322	S0002662	CHL4	YDR254W		S0003420	BUB1	YGR188C	cell cycle checkpoints ;	0.517	6
323	S0000227	CHS3	YBR023C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination; cell wall;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
324	S0001184	CHS7	YHR142W	vesicular transport ; cell wall;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
325	S0003836	HOC1	YJR075W	protein modification; cell growth / morphogenesis; budding, cell polarity and filament formation; cell wall;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
326	S0005552	BUB3	YOR026W	cell cycle checkpoints ;	S0006250	MCM16	YPR046W		0.517	6

327	S0000438	ARC40	YBR234C	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	0.517	6
328	S0000438	ARC40	YBR234C	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.517	6
329	S0000438	ARC40	YBR234C	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
330	S0005876	CIN1	YOR349W		S0003084	CDC20	YGL116W	proteolytic degradation;	0.517	6
331	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0001722	YPT52	YKR014C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.517	6
332	S0004651	CSM3	YMR048W		S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	0.517	6
333	S0002687		YDR279W		S0004365	VID22	YLR373C		0.517	6
334	S0004641	LYS7	YMR038C	other protein fate related activities; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	S0002483	RAD55	YDR076W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	0.517	6
335	S0006162	CIN2	YPL241C		S0003084	CDC20	YGL116W	proteolytic degradation;	0.517	6

336	S0005217	TOF1	YNL273W	DNA recombination and DNA repair;	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	0.517	6
337	S0002100	VMA10	YHR039C-B	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	S0005378	TLG2	YOL018C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;	0.517	6
338	S0000291	RFC5	YBR087W	transport ATPases; DNA synthesis and replication; cell cycle checkpoints ;	S0003818	CDC8	YJR057W	nucleotide metabolism; pyrimidine ribonucleotide metabolism;	0.517	6
339	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	S0006339	CTF4	YPR135W	DNA synthesis and replication;	0.517	6
340	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	S0002459	DBF4	YDR052C	DNA synthesis and replication;	0.517	6
341	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	S0005499	CDC33	YOL139C	translation; sporulation and germination;	0.517	6
342	S0001728		YKR020W		S0000049		YAL053W		0.517	6
343	S0005194	RAD50	YNL250W	DNA recombination and DNA repair; DNA repair; meiosis;	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.517	6

							cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein			
344	S0003557	BBC1	YJL020C		S0000039	CDC24	YAL041W	signalling;	0.517	6
345	S0003901	HIR3	YJR140C		S0003865	SOD1	YJR104C	detoxification;	0.517	6
346	S0000885		YER083C		S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	0.517	6
347	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0003793	CPR7	YJR032W	protein folding and stabilization; cell growth / morphogenesis;	0.517	6
348	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0005990	BTS1	YPL069C	lipid, fatty-acid and isoprenoid biosynthesis;	0.517	6
349	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0003879	ILM1	YJR118C		0.517	6
350	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0000757	SPF1	YEL031W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.517	6
351	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0001750	UTH1	YKR042W	stress response; cell death;	0.517	6
352	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004244		YLR254C		0.517	6
353	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0005551	HST3	YOR025W		0.517	6

354	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0001906	UBP6	YFR010W	protein modification; proteolytic degradation;	0.517	6
355	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0003136		YGL168W		0.517	6
356	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0004101		YLR111W		0.517	6
357	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0000158		YBL062W		0.517	6
358	S0004244		YLR254C		S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.517	6
359	S0000157	SKT5	YBL061C	regulation of C-compound and carbohydrate utilization; cell wall;	S0002976	PMA1	YGL008C	ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.517	6
360	S0004365	VID22	YLR373C		S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.517	6
361	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0004365	VID22	YLR373C		0.517	6
362	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0000435	AOR1	YBR231C		0.517	6
363	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0005159	IES2	YNL215W		0.517	6
364	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0003185		YGL217C		0.517	6
365	S0003213	RTF1	YGL244W	general transcription activities;	S0005238		YNL294C		0.517	6
366	S0003213	RTF1	YGL244W	general transcription activities;	S0004365	VID22	YLR373C		0.517	6
367	S0003213	RTF1	YGL244W	general transcription activities;	S0003925	REM50	YLL002W		0.517	6



368	S0000951	PEA2	YER149C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; general transcription activities;	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	0.517	6
369	S0003213	RTF1	YGL244W		S0004180		YLR190W		0.517	6
370	S0000069	BUD14	YAR014C		S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.517	6
371	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005792	PNT1	YOR266W	detoxification;	0.517	6
372	S0003119	NUT1	YGL151W		S0004225		YLR235C		0.517	6
373	S0001234	CTF8	YHR191C		S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.517	6
374	S0001234	CTF8	YHR191C		S0003084	CDC20	YGL116W	proteolytic degradation;	0.517	6
375	S0003793	CPR7	YJR032W	protein folding and stabilization; cell growth / morphogenesis;	S0004378	VAC14	YLR386W		0.517	6
376	S0005505	CTR9	YOL145C		S0004029	RIC1	YLR039C	rRNA transcription; rRNA synthesis;	0.517	6
377	S0002232	BRE1	YDL074C		S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.517	6
378	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	S0000566	MRC1	YCL061C		0.517	6

379	S0003631	BCK1	YJL095W	/ morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003013	RPL1B	YGL135W	0.517	6	
380	S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	S0000049		YAL053W	0.517	6	
381	S0005013		YNL069C		S0002544		YDR137W	cell growth / morphogenesis;	0.517	6
382	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0000011	DEP1	YAL013W	regulation of lipid, fatty-acid and isoprenoid metabolism;	0.517	6
383	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0002562	CPH1 CPR1	YDR155C	protein folding and stabilization; stress response;	0.517	6
384	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004322	CHS5	YLR330W	regulation of C-compound and carbohydrate utilization; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.472	7
385	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004334	FKS1	YLR342W		0.472	7
386	S0001767	TIF1	YKR059W	translation;	S0003674	TIF2	YJL138C	translation;	0.472	7
387	S0001368	MOB1	YIL106W		S0000072	CDC15	YAR019C		0.472	7

388	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	0.472	7
389	S0000916	BOI2	YER114C	budding, cell polarity and filament formation;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.472	7
390	S0001368	MOB1	YIL106W		S0006315	DBF20	YPR111W		0.472	7
391	S0004683	CTF18	YMR078C		S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.472	7
392	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	0.472	7
393	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0006339	CTF4	YPR135W	DNA synthesis and replication;	0.472	7
394	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005584	ASE1	YOR058C		0.472	7

395	S0003432	ELP2	YGR200C	general transcription activities;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.472	7
396	S0005795	PAC1	YOR269W	cellular import; budding, cell polarity and filament formation;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.472	7
397	S0001855	ACT1	YFL039C	budding, cell polarity and filament formation;	S0000011	DEP1	YAL013W	regulation of lipid, fatty-acid and isoprenoid metabolism;	0.472	7
398	S0001531	ELM1	YKL048C	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.472	7
399	S0005411	GAL11	YOL051W	cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	0.472	7
400	S0004876	SAP30	YMR263W	cellular import; budding, cell polarity and filament formation;	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	0.472	7

401	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000913	SWI4	YER111C	0.472	7
402	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton;	S0001065	MYO1	YHR023W	0.472	7
403	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton; budding, cell polarity and filament formation;	S0000313	CMD1	YBR109C	0.472	7
404	S0001936	SAP155	YFR040W	filament formation;	S0002205	SIT4	YDL047W	0.472	7
405	S0004365	VID22	YLR373C		S0000039	CDC24	YAL041W	0.472	7

406	S0005266	KRE1	YNL322C		S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.472	7
407	S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	S0005952	PHO85	YPL031C	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	0.472	7
408	S0005721	SLK19	YOR195W		S0003084	CDC20	YGL116W	proteolytic degradation;	0.472	7
409	S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins;	S0003084	CDC20	YGL116W	proteolytic degradation;	0.472	7
410	S0001368	MOB1	YIL106W		S0004103	HOG1	YLR113W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing;	0.472	7
411	S0003865	SOD1	YJR104C	detoxification;	S0006174	VIK1	YPL253C		0.472	7
412	S0004365	VID22	YLR373C		S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.472	7
413	S0006222	RLF2	YPR018W	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes;	S0005115		YNL171C		0.472	7

414	S0001780	SIS2	YKR072C		S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.472	7
415	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005177	BNI4	YNL233W	assembly of protein complexes; budding, cell polarity and filament formation;	0.456	8
416	S0001767	TIF1	YKR059W	translation;	S0001297	CKA1	YIL035C	tRNA transcription; other tRNA-transcription activities;	0.456	8
417	S0003865	SOD1	YJR104C	detoxification;	S0005540	RTS1	YOR014W	stress response;	0.456	8
418	S0005632	VAM3	YOR106W	assembly of protein complexes; vacuolar transport;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.456	8
419	S0003865	SOD1	YJR104C	detoxification;	S0004798	HSC82	YMR186W	stress response;	0.456	8
420	S0000787	CIN8	YEL061C	cytoskeleton-dependent transport;	S0005133	SRP1	YNL189W	protein targeting, sorting and translocation; nuclear transport; nucleus;	0.456	8
421	S0001856	YPT1	YFL038C	vesicular transport ;	S0000492	APM3	YBR288C	cellular import;	0.456	8

422	S0002717	GIC2	YDR309C	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.456	8
423	S0003213	RTF1	YGL244W	general transcription activities;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.456	8
424	S0000285	SPT7	YBR081C		S0001083	SRB2	YHR041C	general transcription activities;	0.456	8
425	S0000285	SPT7	YBR081C		S0005937	SWI1	YPL016W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.456	8
426	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0006116	APL5	YPL195W	cellular import;	0.456	8
427	S0005971			protein modification; cell wall;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.456	8
428	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	0.456	8



429	S0005378	TLG2	YOL018C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;	S0000492	APM3	YBR288C	cellular import;	0.456	8
430	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.456	8
431	S0001072	SLT2	YHR030C	stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.456	8
432	S0000379	SWD3	YBR175W		S0004125	SLX4	YLR135W		0.456	8
433	S0004206	CPR6	YLR216C	protein folding and stabilization;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.456	8
434	S0000493	SNF5	YBR289W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0001083	SRB2	YHR041C	general transcription activities;	0.456	8
435	S0002232	BRE1	YDL074C		S0003865	SOD1	YJR104C	detoxification;	0.456	8

436	S0004924	GAS1	YMR307W	other lipid, fatty-acid and isoprenoid metabolism activities; cell wall;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.456	8
437	S0001357	PRK1	YIL095W		S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.456	8
438	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0000493	SNF5	YBR289W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.456	8
439	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	0.456	8
440	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004763			protein folding and stabilization; protein modification; sporulation and germination;	0.456	8

441	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	0.456	8
442	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.456	8
443	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.456	8
444	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003966	FPS1	YLL043W	C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters;	0.456	8

445	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005441		YOL081W	nucleotide metabolism; metabolism of cyclic and unusual nucleotides; regulation of nucleotide metabolism;	0.456	8
446	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0002822		YDR414C	protein targeting, sorting and translocation; protein modification; cell wall;	0.456	8
447	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	0.456	8
448	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	S0004550	TUB1	YML085C		0.456	8
449	S0004300	IMH1	YLR309C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; endosome;	S0000542	SRO9	YCL037C	other transcription activities; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.456	8
450	S0004478	PPZ1	YML016C	stress response;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.456	8
451	S0004798	HSC82	YMR186W	stress response;	S0005115		YNL171C		0.456	8

452	S0005050	INP52	YNL106C	other lipid, fatty-acid and isoprenoid metabolism activities;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.456	8
453	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton;	S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	0.456	8
454	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.456	8
455	S0001857	TUB2	YFL037W	meiosis;	S0000818	BIM1	YER016W	cell cycle checkpoints ; nucleus;	0.456	8
456	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0005436	1-Dec	YOL076W		0.456	8
457	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	0.456	8

458	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.456	8
459	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	S0005952	PHO85	YPL031C	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	0.456	8
460	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.456	8

461	S0004219	CDC42	YLR229C	intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.456	8
462	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0005133	SRP1	YNL189W	protein targeting, sorting and translocation; nuclear transport; nucleus;	0.456	8
463	S0005714	MSB1	YOR188W	budding, cell polarity and filament formation;	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.456	8

464	S0000999	STE20	YHL007C	cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.456	8
465	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0001264		YIL002C	lipid, fatty-acid and isoprenoid biosynthesis; other lipid, fatty-acid and isoprenoid metabolism activities; intracellular signalling; other intracellular signal transduction activities;	0.456	8
466	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.456	8
467	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0003054	MAD1	YGL086W	cell cycle checkpoints ; DNA synthesis and replication; meiosis;	0.456	8
468	S0003394	TIF4631	YGR162W	translation;	S0002175	CDC7	YDL017W	RNA transport; nuclear transport;	0.456	8
469	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0000909	GLE2	YER107C	RNA transport; nuclear transport;	0.456	8
470	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0002366	GLE1	YDL207W	RNA transport; nuclear transport;	0.456	8
471	S0002987	CKB1	YGL019W	tRNA transcription; tRNA synthesis;	S0001297	CKA1	YIL035C	tRNA transcription; other tRNA-transcription activities;	0.456	8
472	S0000299		YBR095C		S0000312		YBR108W		0.456	8



473	S0005208		YNL264C	lipid, fatty-acid and isoprenoid biosynthesis; phospholipid biosynthesis; other lipid, fatty-acid and isoprenoid metabolism activities;	S0005627	RAS1	YOR101W	nucleotide metabolism; regulation of nucleotide metabolism; regulation of C-compound and carbohydrate utilization; other cell division and DNA synthesis activities; intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell death; cell aging;	0.456	8
474	S0000922	SCS2	YER120W	regulation of C-compound and carbohydrate utilization;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.456	8
475	S0002235	VAM6	YDL077C	proteolytic degradation; lysosomal and vacuolar degradation;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.456	8
476	S0003674	TIF2	YJL138C	translation;	S0003054	MAD1	YGL086W	cell cycle checkpoints ;	0.456	8
477	S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	S0005937	SWI1	YPL016W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.456	8
478	S0001861	RIM15	YFL033C	other transcription activities; protein modification;	S0005632	VAM3	YOR106W	assembly of protein complexes; vacuolar transport;	0.456	8

479	S0001861	RIM15	YFL033C	other transcription activities; protein modification;	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.456	8
480	S0001861	RIM15	YFL033C	other transcription activities; protein modification;	S0001054	VPS29	YHR012W	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; vacuole or lysosome;	0.456	8
481	S0001861	RIM15	YFL033C	other transcription activities; protein modification;	S0003690	VPS35	YJL154C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; endoplasmic reticulum;	0.456	8
482	S0005565	CKB2	YOR039W	tRNA transcription; other tRNA-transcription activities;	S0001297	CKA1	YIL035C	tRNA transcription; other tRNA-transcription activities;	0.456	8
483	S0001861	RIM15	YFL033C	other transcription activities; protein modification;	S0004352		YLR360W	protein targeting, sorting and translocation;	0.456	8
484	S0001861	RIM15	YFL033C	other transcription activities; protein modification;	S0002615	UME6	YDR207C	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; regulation of lipid, fatty-acid and isoprenoid metabolism; meiosis;	0.456	8
485	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0001584	HSL1	YKL101W	budding, cell polarity and filament formation;	0.456	8

486	S0004550	TUB1	YML085C		S0000818	BIM1	YER016W	cell cycle checkpoints ; nucleus;	0.456	8
				regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;						
487	S0006082	BEM4	YPL161C		S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.456	8
				regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;						
488	S0006082	BEM4	YPL161C		S0003384	RSR1	YGR152C	budding, cell polarity and filament formation;	0.456	8

489	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000022	LTE1	YAL024C	0.456	8
490	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005115		YNL171C	0.456	8
491	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	S0000143	EDE1	YBL047C	0.456	8
492	S0006079		YPL158C		S0002187	ARP2	YDL029W	0.456	8

cytokinesis ; cellular import;  
cell growth / morphogenesis;  
budding, cell polarity and  
filament formation;

493	S0002569	NBP2	YDR162C	assembly of protein complexes; general transcription activities;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.456	8
494	S0003213	RTF1	YGL244W		S0000435	AOR1	YBR231C		0.456	8
495	S0005627	RAS1	YOR101W	nucleotide metabolism; regulation of nucleotide metabolism; regulation of C-compound and carbohydrate utilization; other cell division and DNA synthesis activities; intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell death; cell aging;	S0005007		YNL063W		0.456	8
496	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000312		YBR108W		0.456	8

497	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0000312		YBR108W	0.456	8
498	S0001442		YIR003W		S0002536	SAC6	YDR129C	0.456	8
499	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0002544		YDR137W	0.456	8
500	S0001861	RIM15	YFL033C	other transcription activities; protein modification;	S0003834	OPI3	YJR073C	0.456	8
501	S0003540		YJL003W		S0005627	RAS1	YOR101W	0.456	8
502	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0001297	CKA1	YIL035C	0.456	8
503	S0002232	BRE1	YDL074C		S0001861	RIM15	YFL033C	0.456	8
504	S0002232	BRE1	YDL074C		S0002777	XRS2	YDR369C	0.456	8

505	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005801	RIM20	YOR275C	0.456	8
506	S0001346	SDS3	YIL084C	sporulation and germination; stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000312		YBR108W	0.456	8
507	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0001150	GGA2	YHR108W vesicular transport ;	0.456	8
508	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000143	EDE1	YBL047C	0.456	8
509	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000312		YBR108W	0.456	8
510	S0003213	RTF1	YGL244W	general transcription activities;	S0000419	HPC2	YBR215W	0.456	8
511	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613		YMR011W C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
512	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502		YBR298C C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

513	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
514	S0001551	NUP100	YKL068W	RNA transport; nuclear transport;	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	0.424	9
515	S0001551	NUP100	YKL068W	RNA transport; nuclear transport;	S0001377	NUP159	YIL115C	nuclear transport;	0.424	9
516	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
517	S0003679	TIM17	YJL143W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0002376	TIM22	YDL217C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.424	9
518	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
519	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001400		YIL138C	budding, cell polarity and filament formation;	0.424	9
520	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9



521	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.424	9
522	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
523	S0002428	FAL1	YDR021W	rRNA transcription; rRNA processing;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.424	9
524	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.424	9
525	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	0.424	9
526	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000810	SEC3	YER008C	extracellular transport, exocytosis and secretion; budding, cell polarity and filament formation;	0.424	9
527	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
528	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9

529	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005023	YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
530	S0003135	PMR1	YGL167C	vesicular transport ; ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000024	DRS2 YAL026C	vesicular transport ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.424	9
531	S0003502	YTA7	YGR270W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001628	RPT1 YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
532	S0003502	YTA7	YGR270W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002165	RPT2 YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
533	S0003502	YTA7	YGR270W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3 YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
534	S0003502	YTA7	YGR270W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4 YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
535	S0003502	YTA7	YGR270W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5 YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
536	S0003502	YTA7	YGR270W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6 YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
537	S0004610	PLB1	YMR008C	breakdown of lipids, fatty acids and isoprenoids;	S0004608	PLB2 YMR006C	breakdown of lipids, fatty acids and isoprenoids;	0.424	9

538	S0004610	PLB1	YMR008C	breakdown of lipids, fatty acids and isoprenoids; assembly of protein complexes; vacuolar transport;	S0005371	PLB3	YOL011W	breakdown of lipids, fatty acids and isoprenoids; protein targeting, sorting and translocation; vacuolar transport;	0.424	9	
539	S0005632	VAM3	YOR106W		S0005562	PEP12	YOR036W	protein folding and stabilization; protein targeting, sorting and translocation; mitochondrial transport;	0.424	9	
540	S0003530	MRS11	TIM1(YHR005C-A)	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	S0007348		YJR135W-A	protein targeting, sorting and translocation; mitochondrial transport;	0.424	9	
541	S0003530	MRS11	TIM1(YHR005C-A)	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	S0000295	MRS5	TIM12	YBR091C	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	0.424	9
542	S0001947	RET2	YFR051C	vesicular transport ;	S0006180	APM1	YPL259C	protein targeting, sorting and translocation; vesicular transport ; Golgi;	0.424	9	
543	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9	
544	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9	
545	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9	

546	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
547	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
548	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
549	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
550	S0000615	HSP30	YCR021C	stress response; ionic homeostasis; homeostasis of cations; homeostasis of protons;	S0002440		YDR033W	stress response; vesicular transport ; vacuolar transport; cellular	0.424	9
551	S0001856	YPT1	YFL038C	vesicular transport ;	S0000833	YPT31	YER031C	import; assembly of protein complexes; vesicular	0.424	9
552	S0001856	YPT1	YFL038C	vesicular transport ; proteolytic degradation; cytoplasmic and nuclear	S0002351	ARF1	YDL192W	transport ; proteolytic degradation; cytoplasmic and nuclear	0.424	9
553	S0001946	PRE4	YFR050C	degradation; vacuolar transport; detoxification; transport mechanism; ABC	S0000896	PUP3	YER094C	degradation;	0.424	9
554	S0002542		YDR135C	transporters;	S0003971		YLL048C	lipid and fatty-acid transport; transport mechanism; ABC transporters;	0.424	9

555	S0005380	SCM2	YOL020W	amino acid transport; cellular import; amino-acid transporters;	S0002453		YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
556	S0001856	YPT1	YFL038C	vesicular transport ;	S0002296	ARF2	YDL137W	assembly of protein complexes; vesicular transport ; Golgi;	0.424	9
557	S0001856	YPT1	YFL038C	vesicular transport ; amino acid transport; cellular import; amino-acid transporters;	S0001889	SEC4	YFL005W	vesicular transport ; budding, cell polarity and filament formation;	0.424	9
558	S0005380	SCM2	YOL020W	cellular import; ion transporters; cation transporters; other cation transporters ; anion transporters ;	S0006195		YPL274W	amino acid transport; amino- acid transporters;	0.424	9
559	S0003353			proteolytic degradation; cytoplasmic and nuclear degradation;	S0005086			cellular import; ion transporters; cation transporters; other cation transporters ; anion transporters ;	0.424	9
560	S0001946	PRE4	YFR050C	vesicular transport ; cellular import;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
561	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	S0001889	SEC4	YFL005W	vesicular transport ; budding, cell polarity and filament formation;	0.424	9
562	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
563	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

564	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
565	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
566	S0006153	SSO1	YPL232W	vesicular transport ; extracellular transport, exocytosis and secretion;	S0004795	SSO2	YMR183C	vesicular transport ;	0.424	9
567	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
568	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0004948			mitochondrial transport; other transport facilitators;	0.424	9
569	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0006055			mitochondrial transport; nucleotide transporters;	0.424	9
570	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000289			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
571	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0001396			metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	0.424	9

572	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	0.424	9
573	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005626	CRC1	YOR100C	mitochondrial transport;	0.424	9
574	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters; RNA transport; nuclear transport;	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	0.424	9
575	S0003140	NUP49	YGL172W		S0003351	NUP57	YGR119C	nuclear transport;	0.424	9
576	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters; RNA transport; nuclear transport;	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	0.424	9
577	S0001551	NUP100	YKL068W		S0003140	NUP49	YGL172W	RNA transport; nuclear transport;	0.424	9
578	S0001551	NUP100	YKL068W		S0003351	NUP57	YGR119C	nuclear transport;	0.424	9
579	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters; nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
580	S0000126				S0003669		YJL133W	mRNA processing ; splicing; mitochondrial transport;	0.424	9
581	S0003140	NUP49	YGL172W	RNA transport; nuclear transport;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.424	9

582	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0001760			mRNA processing ; splicing; mitochondrial transport;	0.424	9
583	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
584	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000396			respiration; mitochondrial transport; nucleotide transporters;	0.424	9
585	S0005536			stress response; RNA transport; nuclear transport;	S0002484			stress response;	0.424	9
586	S0003140	NUP49	YGL172W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005624	NUP1	YOR098C	nuclear transport;	0.424	9
587	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
588	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
589	S0001551	NUP100	YKL068W	RNA transport; nuclear transport;	S0005624	NUP1	YOR098C	nuclear transport;	0.424	9
590	S0001551	NUP100	YKL068W	RNA transport; nuclear transport;	S0004327			nuclear transport;	0.424	9
591	S0001177			cytokinesis ; vesicular transport ; stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9



592	S0005309		YNR026C	vesicular transport ; cellular import;	S0000663	SED4	YCR067C	vesicular transport ;	0.424	9
593	S0000126			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000308			mitochondrial transport;	0.424	9
594	S0003695			stress response; budding, cell polarity and filament formation;	S0000813			stress response;	0.424	9
595	S0003695			stress response; budding, cell polarity and filament formation;	S0005536			stress response;	0.424	9
596	S0005837	NOP58 NOP59	YOR310C	rRNA transcription; rRNA processing;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.424	9
597	S0001204			assembly of protein complexes; cellular import;	S0005098	YCK2	YNL154C	cytokinesis ; cellular import; stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.424	9
598	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
599	S0000902	UBC6	YER100W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; pheromone response, mating-type determination, sex-specific proteins;	S0004624	QRI8	YMR022W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; pheromone response, mating-type determination, sex-specific proteins;	0.424	9

600	S0002418	lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	S0005679	PDR5	YOR153W	lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	0.424	9
601	S0002418	lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	S0001692	STE6	YKL209C	extracellular transport, exocytosis and secretion; pheromone response, mating-type determination, sex-specific proteins; transport mechanism; ABC transporters;	0.424	9
602	S0003695	stress response; budding, cell polarity and filament formation;	S0002484			stress response;	0.424	9
603	S0004071	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	0.424	9
604	S0004071	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

605	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
606	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
607	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
608	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
609	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
610	S0005005			rRNA transcription; rRNA processing;	S0003762			rRNA transcription; rRNA processing;	0.424	9
611	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
612	S0002783			assembly of protein complexes; transport mechanism; transport ATPases;	S0000819	AFG3	YER017C	assembly of protein complexes; proteolytic degradation; other proteolytic degradation;	0.424	9
613	S0005005			rRNA transcription; rRNA processing;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.424	9

614	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750	YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
615	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1 YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
616	S0002783			assembly of protein complexes; transport mechanism; transport ATPases;	S0006228	YME1 YPR024W	assembly of protein complexes; proteolytic degradation; other proteolytic degradation;	0.424	9
617	S0005448	MPD2	YOL088C	protein folding and stabilization;	S0000548	PDI1 YCL043C	lipid and fatty-acid transport; protein folding and stabilization; protein modification;	0.424	9
618	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005463	YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
619	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613	YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
620	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502	YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

621	S0002926	EUG1	YDR518W	protein folding and stabilization;	S0000548	PDI1	YCL043C	lipid and fatty-acid transport; protein folding and stabilization; protein modification;	0.424	9
622	S0005448	MPD2	YOL088C	protein folding and stabilization;	S0005814	MPD1	YOR288C	protein folding and stabilization;	0.424	9
623	S0005679	PDR5	YOR153W	lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	S0001692	STE6	YKL209C	extracellular transport, exocytosis and secretion; pheromone response, mating-type determination, sex-specific proteins; transport mechanism; ABC transporters;	0.424	9
624	S0004145			amino acid degradation ;	S0004147			amino acid degradation ;	0.424	9
625	S0004145			amino acid degradation ;	S0004148			amino acid degradation ;	0.424	9
626	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
627	S0002926	EUG1	YDR518W	protein folding and stabilization;	S0005814	MPD1	YOR288C	protein folding and stabilization;	0.424	9
628	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
629	S0004147			amino acid degradation ;	S0004150			amino acid degradation ;	0.424	9
630	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

631	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
632	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
633	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
634	S0004147			amino acid degradation ;	S0004148			amino acid degradation ;	0.424	9
635	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
636	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
637	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

638	S0001049	ERG11	YHR007C	lipid, fatty-acid and isoprenoid biosynthesis; detoxification; detoxification involving cytochrome P450;	S0004617	ERG5	YMR015C	lipid, fatty-acid and isoprenoid biosynthesis; detoxification; detoxification involving cytochrome P450;	0.424	9
639	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
640	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
641	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
642	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
643	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9

644	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005463			C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
645	S0006429			cell wall;	S0000766		YOL103W	cell wall;	0.424	9
646	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	0.424	9
647	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
648	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
649	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9



650	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	S0003669	YJL133W	mRNA processing ; splicing; mitochondrial transport; proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
651	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	0.424	9
652	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	S0001760		mRNA processing ; splicing; mitochondrial transport;	0.424	9
653	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	S0003856		regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
654	S0005355			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002905	YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

655	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	S0000396		respiration; mitochondrial transport; nucleotide transporters;	0.424	9
656	S0005355			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0001134	YHR092C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
657	S0000094			phosphate metabolism; phosphate utilization;	S0001258		phosphate metabolism; phosphate utilization;	0.424	9
658	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	S0006262	YMC1 YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
659	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	S0005656	YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9

660	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	S0000308	mitochondrial transport;	0.424	9
661	S0003755			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002404	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
662	S0003755			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002353	regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C- compound and carbohydrate transporters;	0.424	9
663	S0003755			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0005355	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
664	S0003755			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0003919	YJR158W C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

665	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
666	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
667	S0000242			budding, cell polarity and filament formation;	S0000227	CHS3	YBR023C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination; cell wall;	0.424	9
668	S0002304	COP1	YDL145C	vesicular transport ;	S0003105	SEC27	YGL137W	vesicular transport ;	0.424	9
669	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
670	S0000520			budding, cell polarity and filament formation;	S0002915	GIN4	YDR507C	cytokinesis ; budding, cell polarity and filament formation;	0.424	9
671	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

672	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
673	S0003792			vesicular transport ;	S0000748			vesicular transport ;	0.424	9
674	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
675	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
676	S0000520			budding, cell polarity and filament formation;	S0001612	MYO3	YKL129C	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.424	9
677	S0003792			vesicular transport ;	S0002577			vesicular transport ;	0.424	9
678	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
679	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	S0003669		YJL133W	mRNA processing ; splicing; mitochondrial transport;	0.424	9
680	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9

681	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	S0001760			mRNA processing ; splicing; mitochondrial transport;	0.424	9
682	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
683	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	S0000396			respiration; mitochondrial transport; nucleotide transporters;	0.424	9
684	S0001377	NUP159	YIL115C	nuclear transport;	S0002600	NUP42	YDR192C	RNA transport; nuclear transport;	0.424	9
685	S0001377	NUP159	YIL115C	nuclear transport;	S0003140	NUP49	YGL172W	RNA transport; nuclear transport;	0.424	9
686	S0001377	NUP159	YIL115C	nuclear transport; cytokinesis ; budding, cell polarity and filament formation;	S0003351	NUP57	YGR119C	nuclear transport;	0.424	9
687	S0002915	GIN4	YDR507C	formation;	S0001584	HSL1	YKL101W	budding, cell polarity and filament formation;	0.424	9
688	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
689	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
690	S0001377	NUP159	YIL115C	nuclear transport;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.424	9

691	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	S0000308			mitochondrial transport;	0.424	9
692	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
693	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9
694	S0004160	APS1	YLR170C	assembly of protein complexes; cellular import; proteolytic degradation; cytoplasmic and nuclear degradation;	S0003819	APS2	YJR058C	assembly of protein complexes; cellular import; proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
695	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005683	PUP1	YOR157C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9
696	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	YGR253C	metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	0.424	9
697	S0000289			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0001396			stress response;	0.424	9
698	S0000271			other lipid, fatty-acid and isoprenoid metabolism activities; stress response;	S0000813				0.424	9

699	S0000271			other lipid, fatty-acid and isoprenoid metabolism activities; stress response;	S0005536			stress response;	0.424	9
700	S0000289			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	0.424	9
701	S0000289			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005626	CRC1	YOR100C	mitochondrial transport;	0.424	9
702	S0000289			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	0.424	9
703	S0001377	NUP159	YIL115C	nuclear transport;	S0005624	NUP1	YOR098C	nuclear transport;	0.424	9
704	S0001377	NUP159	YIL115C	nuclear transport;	S0004327			nuclear transport;	0.424	9
705	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.424	9
706	S0005074	CPT1	YNL130C	lipid, fatty-acid and isoprenoid biosynthesis;	S0001165	EPT1	YHR123W	lipid, fatty-acid and isoprenoid biosynthesis; other intracellular transport activities;	0.424	9
707	S0001136			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9



708	S0000289			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	0.424	9
709	S0000289			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
710	S0000289			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0003669		YJL133W	mRNA processing ; splicing; mitochondrial transport;	0.424	9
711	S0002705		YDR297W	lipid, fatty-acid and isoprenoid biosynthesis;	S0003292	ERG25	YGR060W	lipid, fatty-acid and isoprenoid biosynthesis;	0.424	9
712	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
713	S0001136			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C- compound and carbohydrate transporters;	0.424	9

714	S0001136		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004592	phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9
715	S0000289		nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0001760	mRNA processing ; splicing; mitochondrial transport;	0.424	9
716	S0000289		nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0003856	regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
717	S0000289		nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000396	respiration; mitochondrial transport; nucleotide transporters;	0.424	9
718	S0000502	YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002905	YDR497C C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

719	S0001136		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
720	S0000502	YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134	YHR092C		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
721	S0005855		transport mechanism; ABC transporters;	S0002418			lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	0.424	9
722	S0000271		other lipid, fatty-acid and isoprenoid metabolism activities; stress response;	S0002484			stress response;	0.424	9
723	S0000289		nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
724	S0000289		nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
725	S0001136		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
726	S0002705	YDR297W	lipid, fatty-acid and isoprenoid biosynthesis;	S0004046	ERG3	YLR056W	lipid, fatty-acid and isoprenoid biosynthesis;	0.424	9

727	S0001646			stress response;	S0001647			stress response;	0.424	9
728	S0001647			stress response;	S0003695			stress response; budding, cell polarity and filament formation;	0.424	9
729	S0000289			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000308			mitochondrial transport;	0.424	9
730	S0001136			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0003750	YJL214W		C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
731	S0001136			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
732	S0001136			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0005463	YOL103W		C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
733	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	S0005212	YNL268W		amino acid transport; cellular import; amino-acid transporters;	0.424	9
734	S0001136			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0004613	YMR011W		C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
735	S0001136			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0000502	YBR298C		C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

736	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	S0005214		YNL270C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
737	S0005855			transport mechanism; ABC transporters;	S0005679	PDR5	YOR153W	lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	0.424	9
738	S0001136			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
739	S0005855			transport mechanism; ABC transporters;	S0001692	STE6	YKL209C	extracellular transport, exocytosis and secretion; pheromone response, mating-type determination, sex-specific proteins; transport mechanism; ABC transporters;	0.424	9
740	S0001136			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
741	S0002976	PMA1	YGL008C	ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0005957	PMA2	YPL036W	ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.424	9

742	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0001377	NUP159	YIL115C	nuclear transport;	0.424	9
743	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	S0000308			mitochondrial transport; amino acid transport;	0.424	9
744	S0000273	TAT1	YBR069C	cellular import; amino-acid transporters;	S0005875	PUT4	YOR348C	cellular import; amino-acid transporters;	0.424	9
745	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
746	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	S0005380	SCM2	YOL020W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
747	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	S0002453		YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
748	S0003837	CDC11	YJR076C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
749	S0005971			protein modification; cell wall;	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	0.424	9
750	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	S0003045			cellular import; amino-acid transporters;	0.424	9
751	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	S0006195		YPL274W	amino acid transport; amino-acid transporters;	0.424	9
752	S0001671			lipid and fatty-acid transport; peroxisomal transport; lipid transporters; transport mechanism; ABC transporters;	S0006068			lipid and fatty-acid transport; peroxisomal transport; lipid transporters; transport mechanism; ABC transporters;	0.424	9

753	S0003837	CDC11	YJR076C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000595	CDC10	YCR002C	regulation of C-compound and carbohydrate utilization; cytokinesis ; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
754	S0006139	SAR1	YPL218W	vesicular transport ;	S0002296	ARF2	YDL137W	assembly of protein complexes; vesicular transport ; Golgi;	0.424	9
755	S0005378	TLG2	YOL018C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;	S0004016	SED5	YLR026C	vesicular transport ;	0.424	9
756	S0006139	SAR1	YPL218W	vesicular transport ;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.424	9
757	S0002129	ERP1	YAR002C-A	protein targeting, sorting and translocation; vesicular transport ;	S0004473	ERV25	YML012W	vesicular transport ;	0.424	9
758	S0001400		YIL138C	budding, cell polarity and filament formation;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.424	9
759	S0005971			protein modification; cell wall;	S0000762	ANP1	YEL036C	protein modification;	0.424	9
760	S0000396			respiration; mitochondrial transport; nucleotide transporters;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
761	S0000396			respiration; mitochondrial transport; nucleotide transporters;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
762	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001136			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

763	S0005516	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
764	S0005516	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
765	S0005516	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
766	S0005516	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
767	S0005516	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
768	S0005516	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9



769	S0001400		YIL138C	budding, cell polarity and filament formation; respiration; mitochondrial transport; nucleotide transporters;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
770	S0000396				S0000308			mitochondrial transport;	0.424	9
771	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
772	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
773	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
774	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
775	S0003351	NUP57	YGR119C	nuclear transport;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.424	9
776	S0003351	NUP57	YGR119C	nuclear transport;	S0005624	NUP1	YOR098C	nuclear transport;	0.424	9
777	S0001647			stress response;	S0000813			stress response;	0.424	9

778	S0001647			stress response;	S0005536			stress response;	0.424	9
779	S0006180	APM1	YPL259C	protein targeting, sorting and translocation; vesicular transport ; Golgi;	S0005423			protein targeting, sorting and translocation; vesicular transport ;	0.424	9
780	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	0.424	9
781	S0001646			stress response;	S0003695			stress response; budding, cell polarity and filament formation;	0.424	9
782	S0000695			lipid and fatty-acid transport; lipid transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
783	S0000604			transport mechanism; ABC transporters;	S0001275			drug transporters; transport mechanism; ABC transporters;	0.424	9
784	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.424	9
785	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	S0002600	NUP42	YDR192C	RNA transport; nuclear transport;	0.424	9
786	S0000695			lipid and fatty-acid transport; lipid transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
787	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	S0003140	NUP49	YGL172W	RNA transport; nuclear transport;	0.424	9
788	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	S0003351	NUP57	YGR119C	nuclear transport;	0.424	9

789	S0000604			transport mechanism; ABC transporters;	S0005855			transport mechanism; ABC transporters;	0.424	9
790	S0000604			transport mechanism; ABC transporters;	S0002418			lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	0.424	9
791	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	0.424	9
792	S0003023	OLE1	YGL055W	lipid, fatty-acid and isoprenoid biosynthesis;	S0004885		YMR272C	lipid, fatty-acid and isoprenoid biosynthesis;	0.424	9
793	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	S0005624	NUP1	YOR098C	nuclear transport;	0.424	9
794	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000595	CDC10	YCR002C	regulation of C-compound and carbohydrate utilization; cytokinesis ; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
795	S0000604			transport mechanism; ABC transporters;	S0005679	PDR5	YOR153W	lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	0.424	9

796	S0000604			transport mechanism; ABC transporters;	S0001692	STE6	YKL209C	extracellular transport, exocytosis and secretion; pheromone response, mating-type determination, sex-specific proteins; transport mechanism; ABC transporters;	0.424	9
797	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
798	S0000819	AFG3	YER017C	assembly of protein complexes; proteolytic degradation; other proteolytic degradation;	S0006228	YME1	YPR024W	assembly of protein complexes; proteolytic degradation; other proteolytic degradation;	0.424	9
799	S0000027	MYO4	YAL029C	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001612	MYO3	YKL129C	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.424	9
800	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	S0003287			amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9
801	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	S0005380	SCM2	YOL020W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
802	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	S0002453		YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
803	S0003241			vesicular transport ; extracellular transport, exocytosis and secretion; budding, cell polarity and filament formation;	S0000810	SEC3	YER008C	extracellular transport, exocytosis and secretion; budding, cell polarity and filament formation;	0.424	9

804	S0004301			nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; nucleotide metabolism; regulation of nucleotide metabolism; regulation of C-compound and carbohydrate utilization; meiosis; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; target of regulation; regulator of G-protein signalling;	S0002193			transmembrane signal transduction; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell growth / morphogenesis;	0.424	9
805	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	S0006195	YPL274W		amino acid transport; amino-acid transporters;	0.424	9
806	S0004997	COX5A	YNL052W	respiration;	S0001373			respiration;	0.424	9
807	S0006369			regulation of C-compound and carbohydrate utilization; intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005034			regulation of C-compound and carbohydrate utilization; intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	0.424	9
808	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
809	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9

810	S0001760			mRNA processing ; splicing; mitochondrial transport;	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
811	S0001760			mRNA processing ; splicing; mitochondrial transport;	S0000396			respiration; mitochondrial transport; nucleotide transporters;	0.424	9
812	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.424	9
813	S0001760			mRNA processing ; splicing; mitochondrial transport;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
814	S0001177			cytokinesis ; vesicular transport ; stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000810	SEC3	YER008C	extracellular transport, exocytosis and secretion; budding, cell polarity and filament formation;	0.424	9
815	S0001760			mRNA processing ; splicing; mitochondrial transport;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
816	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0001421			budding, cell polarity and filament formation;	0.424	9
817	S0001760			mRNA processing ; splicing; mitochondrial transport;	S0000308			mitochondrial transport; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.424	9
818	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0001612	MYO3	YKL129C	mitochondrial transport; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.424	9
819	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	S0003612			rRNA transcription; other rRNA-transcription activities;	0.424	9

820	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	S0004187	SIK1	YLR197W	rRNA transcription; rRNA processing;	0.424	9
821	S0006108			pheromone response, mating-type determination, sex-specific proteins; rRNA transcription; rRNA processing; stress response;	S0003057			pheromone response, mating-type determination, sex-specific proteins;	0.424	9
822	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	0.424	9
823	S0005262			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
824	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	S0005837	NOP58 NOP59	YOR310C	rRNA transcription; rRNA processing;	0.424	9
825	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.424	9
826	S0005262			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	0.424	9

827	S0005262			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004592		phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9
828	S0005262			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005355		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
829	S0001883			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002404		C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
830	S0001646			stress response;	S0000813		stress response;	0.424	9
831	S0001646			stress response;	S0005536		stress response;	0.424	9
832	S0005262			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003919	YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
833	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0003669	YJL133W	mRNA processing ; splicing; mitochondrial transport;	0.424	9



834	S0001883	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002353	regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	0.424	9
835	S0001883	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004592	phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9
836	S0001883	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005355	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
837	S0005262	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750	YJL214W C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

838	S0005262			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
839	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0001760			mRNA processing ; splicing; mitochondrial transport;	0.424	9
840	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
841	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000396			respiration; mitochondrial transport; nucleotide transporters;	0.424	9
842	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	S0000396			respiration; mitochondrial transport; nucleotide transporters;	0.424	9
843	S0005262			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
844	S0000530			amino acid transport; amino-acid transporters;	S0000789			amino acid transport; cellular import; amino-acid transporters;	0.424	9

845	S0000530			amino acid transport; amino-acid transporters;	S0000272			amino acid transport; cellular import; amino-acid transporters;	0.424	9
846	S0005262			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613	YMR011W		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
847	S0005262			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502	YBR298C		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
848	S0001883			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003919	YJR158W		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
849	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
850	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
851	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9

852	S0003856	regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	S0005656	YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
853	S0005262	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002905	YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
854	S0005262	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134	YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
855	S0001883	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750	YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
856	S0001883	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1 YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters; nucleotide metabolism; nucleotide transport;	0.424	9
857	S0006055	mitochondrial transport; nucleotide transporters;	S0000289		mitochondrial transport; nucleotide transporters;	0.424	9

858	S0006055			mitochondrial transport; nucleotide transporters;	S0001396			metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	0.424	9
859	S0006055			mitochondrial transport; nucleotide transporters;	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	0.424	9
860	S0006055			mitochondrial transport; nucleotide transporters;	S0005626	CRC1	YOR100C	mitochondrial transport;	0.424	9
861	S0006055			mitochondrial transport; nucleotide transporters; nucleotide metabolism; nucleotide transport; mitochondrial transport;	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	0.424	9
862	S0005748	ODC2	YOR222W	mitochondrial transport; nucleotide transporters;	S0000308			mitochondrial transport;	0.424	9
863	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	S0000308			mitochondrial transport;	0.424	9
864	S0001883			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

865	S0001883			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
866	S0001883			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
867	S0000833	YPT31	YER031C	vesicular transport ; vacuolar transport; cellular import;	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	0.424	9
868	S0003765	APL1	YJR005W	assembly of protein complexes; cellular import;	S0001618	APL2	YKL135C	assembly of protein complexes; cellular import; vesicular transport ; cellular import; cell growth /	0.424	9
869	S0002577			vesicular transport ;	S0003399	CLC1	YGR167W	morphogenesis;	0.424	9
870	S0006055			mitochondrial transport; nucleotide transporters;	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	0.424	9
871	S0006055			mitochondrial transport; nucleotide transporters;	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
872	S0006055			mitochondrial transport; nucleotide transporters;	S0003669		YJL133W	mRNA processing ; splicing; mitochondrial transport;	0.424	9
873	S0001883			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

874	S0001883			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
875	S0006055			mitochondrial transport; nucleotide transporters;	S0001760			mRNA processing ; splicing; mitochondrial transport;	0.424	9
876	S0006055			mitochondrial transport; nucleotide transporters;	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters; respiration; mitochondrial transport; nucleotide transporters;	0.424	9
877	S0006055			mitochondrial transport; nucleotide transporters;	S0000396			vesicular transport ;	0.424	9
878	S0000748			vesicular transport ; ionic homeostasis; homeostasis of cations; homeostasis of other cations;	S0002577			vesicular transport ;	0.424	9
879	S0004204				S0001703		YKL220C	ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.424	9
880	S0005008	YDJ1	YNL064C	protein targeting, sorting and translocation; mitochondrial transport; vesicular transport ; stress response;	S0005780	SEC63	YOR254C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.424	9
881	S0006055			mitochondrial transport; nucleotide transporters;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
882	S0006055			mitochondrial transport; nucleotide transporters;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
883	S0005008	YDJ1	YNL064C	protein targeting, sorting and translocation; mitochondrial transport; vesicular transport ; stress response;	S0004827	SCJ1	YMR214W	protein targeting, sorting and translocation;	0.424	9

884	S0004695	YTA12	YMR089C	respiration; assembly of protein complexes; proteolytic degradation; other proteolytic degradation;	S0002783			assembly of protein complexes; transport mechanism; transport ATPases;	0.424	9
885	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
886	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
887	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
888	S0000833	YPT31	YER031C	vesicular transport ; vacuolar transport; cellular import;	S0002296	ARF2	YDL137W	assembly of protein complexes; vesicular transport ; Golgi;	0.424	9
889	S0006055			mitochondrial transport; nucleotide transporters;	S0000308			mitochondrial transport;	0.424	9
890	S0004695	YTA12	YMR089C	respiration; assembly of protein complexes; proteolytic degradation; other proteolytic degradation;	S0000819	AFG3	YER017C	assembly of protein complexes; proteolytic degradation; other proteolytic degradation;	0.424	9
891	S0004695	YTA12	YMR089C	respiration; assembly of protein complexes; proteolytic degradation; other proteolytic degradation;	S0006228	YME1	YPR024W	assembly of protein complexes; proteolytic degradation; other proteolytic degradation;	0.424	9



892	S0000138	nucleotide metabolism; pyrimidine ribonucleotide metabolism;	S0000225			nucleotide metabolism; pyrimidine ribonucleotide metabolism; cellular import; nucleotide transporters;	0.424	9
893	S0003207	protein targeting, sorting and translocation; nuclear transport; nucleus;	S0002803			tRNA transcription; tRNA processing; RNA transport; nuclear transport;	0.424	9
894	S0003665	cellular import; ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ;	S0001758			cellular import; ion transporters; cation transporters; other cation transporters ;	0.424	9
895	S0003423	amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
896	S0003423	amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0005212		YNL268W	amino acid transport; cellular import; amino-acid transporters;	0.424	9

897	S0003423			amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0001028	MUP3	YHL036W	amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9
898	S0003423			amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters; rRNA transcription; rRNA processing;	S0005214		YNL270C	amino acid transport; cellular import; amino-acid transporters; rRNA transcription; rRNA processing;	0.424	9
899	S0004187	SIK1	YLR197W		S0005837	NOP58 NOP5	YOR310C		0.424	9
900	S0005065	TOM70	YNL121C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0001159	TOM72	YHR117W	mitochondrial transport;	0.424	9
901	S0004306	CDC3	YLR314C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003837	CDC11	YJR076C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9

902	S0003423			amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0002369	UGA4	YDL210W	nitrogen and sulfur metabolism; nitrogen and sulfur utilization; cellular import; amino-acid transporters;	0.424	9
903	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters; mitochondrial transport; ion transporters; anion transporters ;	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
904	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	S0005626	CRC1	YOR100C	mitochondrial transport;	0.424	9
905	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	0.424	9
906	S0004306	CDC3	YLR314C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9

907	S0003423	amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0005875	PUT4	YOR348C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
908	S0003423	amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
909	S0003423	amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0003287			amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9

910	S0003423	amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0005380	SCM2	YOL020W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
911	S0003423	amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0002453		YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
912	S0002751	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	0.424	9

913	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9
914	S0002751			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9
915	S0002751			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
916	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	0.424	9
917	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
918	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	S0003669		YJL133W	mRNA processing ; splicing; mitochondrial transport;	0.424	9

919	S0004306	CDC3	YLR314C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000595	CDC10	YCR002C	regulation of C-compound and carbohydrate utilization; cytokinesis ; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
920	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	S0001760			mRNA processing ; splicing; mitochondrial transport;	0.424	9
921	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
922	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	S0000396			respiration; mitochondrial transport; nucleotide transporters;	0.424	9
923	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
924	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
925	S0003423			amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0003045			cellular import; amino-acid transporters;	0.424	9

926	S0003423			amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters; mitochondrial transport; ion transporters; anion transporters ;	S0006195		YPL274W	amino acid transport; amino-acid transporters;	0.424	9
927	S0001603	OAC1	YKL120W		S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
928	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
929	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
930	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
931	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9



932	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
933	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	S0000308			mitochondrial transport;	0.424	9
934	S0002751			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
935	S0002751			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
936	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
937	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.424	9
938	S0002751			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

939	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
940	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
941	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9
942	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
943	S0001717			lipid, fatty-acid and isoprenoid utilization; oxidation of fatty acids; cell wall;	S0005146			oxidation of fatty acids;	0.424	9
944	S0004948			mitochondrial transport; other transport facilitators;	S0006055			mitochondrial transport; nucleotide transporters;	0.424	9
945	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0001421			budding, cell polarity and filament formation;	0.424	9
946	S0004948			mitochondrial transport; other transport facilitators;	S0001396			metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	0.424	9

947	S0004948			mitochondrial transport; other transport facilitators;	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	0.424	9
948	S0004948			mitochondrial transport; other transport facilitators;	S0005626	CRC1	YOR100C	mitochondrial transport;	0.424	9
949	S0004948			mitochondrial transport; other transport facilitators;	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	0.424	9
950	S0003755			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0000795			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
951	S0004948			mitochondrial transport; other transport facilitators;	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	0.424	9
952	S0004948			mitochondrial transport; other transport facilitators;	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
953	S0004948			mitochondrial transport; other transport facilitators;	S0003669		YJL133W	mRNA processing ; splicing; mitochondrial transport;	0.424	9
954	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	S0001377	NUP159	YIL115C	nuclear transport; protein targeting, sorting and translocation; vesicular	0.424	9
955	S0003168	EMP24	YGL200C	vesicular transport ;	S0002129	ERP1	YAR002C-A	transport ;	0.424	9

956	S0001421			budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.424	9
957	S0004948			mitochondrial transport; other transport facilitators;	S0001760			mRNA processing ; splicing; mitochondrial transport;	0.424	9
958	S0004948			mitochondrial transport; other transport facilitators;	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
959	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9
960	S0004948			mitochondrial transport; other transport facilitators;	S0000396			respiration; mitochondrial transport; nucleotide transporters;	0.424	9
961	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
962	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9

963	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
964	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.424	9
965	S0004948			mitochondrial transport; other transport facilitators;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
966	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	S0000027	MYO4	YAL029C	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
967	S0004948			mitochondrial transport; other transport facilitators;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
968	S0003168	EMP24	YGL200C	vesicular transport ;	S0000005	ERP2	YAL007C	protein targeting, sorting and translocation; vesicular transport ;	0.424	9

969	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
970	S0006155	VMA11	TFP3	YPL234C	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.424	9
971	S0004948				S0000308			mitochondrial transport;	0.424	9
972	S0001065	MYO1		YHR023W	S0004811	CIK1	YMR198W	cytoskeleton-dependent transport;	0.424	9
973	S0002678	CCC2		YDR270W	S0003135	PMR1	YGL167C	vesicular transport ; ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.424	9

974	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9	
975	S0006155	VMA11	TFP3	YPL234C	S0000753	CUP5	YEL027W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.424	9
976	S0001065	MYO1		YHR023W	S0001612	MYO3	YKL129C	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.424	9
977	S0001065	MYO1		YHR023W	S0004908	JNM1	YMR294W	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	cytoskeleton-dependent transport;	0.424	9

978	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
979	S0003168	EMP24	YGL200C	vesicular transport ;	S0004473	ERV25	YML012W	vesicular transport ;	0.424	9
980	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
981	S0005300	MAS6	YNR017W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0002376	TIM22	YDL217C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.424	9
982	S0005964			rRNA transcription; rRNA processing;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.424	9



983	S0004592	phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	S0002905	YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
984	S0004592	phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	S0001134	YHR092C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
985	S0005964	rRNA transcription; rRNA processing;	S0001026	SBP1 YHL034C	rRNA transcription; rRNA processing;	0.424	9
986	S0004758	protein targeting, sorting and translocation; protein modification;	S0004638		DNA recombination and DNA repair; DNA repair; protein targeting, sorting and translocation; protein modification;	0.424	9
987	S0005262	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0005516		C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

988	S0005262	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001136			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
989	S0005262	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
990	S0005262	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
991	S0005262	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
992	S0005262	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
993	S0005262	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
994	S0005262	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

995	S0003246			budding, cell polarity and filament formation;	S0002616			lipid, fatty-acid and isoprenoid biosynthesis; intracellular signalling; other intracellular signal transduction activities; budding, cell polarity and filament formation; cytoskeleton;	0.424	9
996	S0003384	RSR1	YGR152C	budding, cell polarity and filament formation;	S0001889	SEC4	YFL005W	vesicular transport ; budding, cell polarity and filament formation;	0.424	9
997	S0001894			rRNA transcription; rRNA processing;	S0002428	FAL1	YDR021W	rRNA transcription; rRNA processing;	0.424	9
998	S0001028	MUP3	YHL036W	amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
999	S0001028	MUP3	YHL036W	amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	S0003287			amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9
1000	S0001028	MUP3	YHL036W	amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	S0002453		YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1001	S0004370	SEC61	YLR378C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0000487	SSH1	YBR283C	protein targeting, sorting and translocation;	0.424	9
1002	S0002384	SHS1	YDL225W	cytokinesis ; budding, cell polarity and filament formation;	S0004306	CDC3	YLR314C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
1003	S0001894			rRNA transcription; rRNA processing;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.424	9
1004	S0005231	SEC21	YNL287W	vesicular transport ;	S0002646	SEC26	YDR238C	vesicular transport ;	0.424	9

1005	S0002384	SHS1	YDL225W	cytokinesis ; budding, cell polarity and filament formation;	S0003837	CDC11	YJR076C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
1006	S0001028	MUP3	YHL036W	amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	S0006195		YPL274W	amino acid transport; amino-acid transporters;	0.424	9
1007	S0002712	CPR5 CYP5	YDR304C	protein folding and stabilization;	S0001099	CPR2 CYP2	YHR057C	protein folding and stabilization; stress response;	0.424	9
1008	S0002712	CPR5 CYP5	YDR304C	protein folding and stabilization;	S0000665	CPR4	YCR070W	protein folding and stabilization;	0.424	9
1009	S0000548	PD11	YCL043C	lipid and fatty-acid transport; protein folding and stabilization; protein modification;	S0005814	MPD1	YOR288C	protein folding and stabilization;	0.424	9
1010	S0004540	HMG1	YML075C	lipid, fatty-acid and isoprenoid biosynthesis;	S0004442	HMG2	YLR450W	lipid, fatty-acid and isoprenoid biosynthesis;	0.424	9
1011	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.424	9
1012	S0002869			cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins;	S0005089			pheromone response, mating-type determination, sex-specific proteins;	0.424	9

1013	S0005626	CRC1	YOR100C	mitochondrial transport;	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	0.424	9
1014	S0005626	CRC1	YOR100C	mitochondrial transport;	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	0.424	9
1015	S0005626	CRC1	YOR100C	mitochondrial transport;	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
1016	S0005626	CRC1	YOR100C	mitochondrial transport;	S0003669		YJL133W	mRNA processing ; splicing; mitochondrial transport;	0.424	9
1017	S0005516			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1018	S0004145			amino acid degradation ;	S0004150			amino acid degradation ;	0.424	9
1019	S0005626	CRC1	YOR100C	mitochondrial transport;	S0001760			mRNA processing ; splicing; mitochondrial transport;	0.424	9
1020	S0005626	CRC1	YOR100C	mitochondrial transport;	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
1021	S0005626	CRC1	YOR100C	mitochondrial transport;	S0000396			respiration; mitochondrial transport; nucleotide transporters;	0.424	9

1022	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	0.424	9
1023	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9
1024	S0005626	CRC1	YOR100C	mitochondrial transport;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
1025	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1026	S0005626	CRC1	YOR100C	mitochondrial transport;	S0005656		YOR130C	amino acid transport; mitochondrial transport;	0.424	9
1027	S0005626	CRC1	YOR100C	mitochondrial transport;	S0000308			amino-acid transporters; mitochondrial transport;	0.424	9

1028	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003919	YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1029	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750	YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1030	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1 YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1031	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005463	YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1032	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613	YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1033	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502	YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1034	S0002369	UGA4	YDL210W	nitrogen and sulfur metabolism; nitrogen and sulfur utilization; cellular import; amino-acid transporters;	S0003287		amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9

1035	S0005516	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002905	YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1036	S0005516	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134	YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1037	S0002669	cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0005716		sporulation and germination;	0.424	9
1038	S0007256	YEL020W-A protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	S0003530	MRS11 TIM1( YHR005C-A	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	0.424	9
1039	S0002103	YEL017C-A ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000619	YCR024C-A	ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.424	9



1040	S0004219	CDC42	YLR229C	intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001889	SEC4	YFL005W	vesicular transport ; budding, cell polarity and filament formation;	0.424	9
1041	S0000791			detoxification; ion transporters; cation transporters; heavy metal ion transporters ; drug transporters;	S0004584	ATR1	YML116W	detoxification; drug transporters;	0.424	9
1042	S0002369	UGA4	YDL210W	nitrogen and sulfur metabolism; nitrogen and sulfur utilization; cellular import; amino-acid transporters;	S0003045			cellular import; amino-acid transporters;	0.424	9
1043	S0005780	SEC63	YOR254C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0004827	SCJ1	YMR214W	protein targeting, sorting and translocation;	0.424	9
1044	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0002764			nucleus;	0.424	9

1045	S0006271		ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	S0003950			ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; transport mechanism; other transport mechanisms;	0.424	9
1046	S0002453	YDR046C	amino acid transport; cellular import; amino-acid transporters;	S0006195	YPL274W		amino acid transport; amino- acid transporters;	0.424	9
1047	S0002626		meiosis; sporulation and germination;	S0003291			sporulation and germination;	0.424	9
1048	S0004660		nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0006055			mitochondrial transport; nucleotide transporters;	0.424	9
1049	S0004660		nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000289			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
1050	S0004660		nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0001396			metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	0.424	9
1051	S0004660		nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	0.424	9
1052	S0004660		nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005626	CRC1	YOR100C	mitochondrial transport;	0.424	9

1053	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters; stress response;	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	0.424	9
1054	S0000813				S0005536			stress response;	0.424	9
1055	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1056	S0004715	MYO5	YMR109W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	0.424	9
1057	S0004715	MYO5	YMR109W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0000027	MYO4	YAL029C	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
1058	S0004715	MYO5	YMR109W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	0.424	9
1059	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

1060	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1061	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	0.424	9
1062	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9
1063	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1064	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0003669		YJL133W	mRNA processing ; splicing; mitochondrial transport;	0.424	9
1065	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1066	S0005875	PUT4	YOR348C	amino acid transport; cellular import; amino-acid transporters;	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1067	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1068	S0005875	PUT4	YOR348C	amino acid transport; cellular import; amino-acid transporters;	S0005380	SCM2	YOL020W	amino acid transport; cellular import; amino-acid transporters;	0.424	9

1069	S0005875	PUT4	YOR348C	amino acid transport; cellular import; amino-acid transporters;	S0002453	YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1070	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002905	YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1071	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0001760		mRNA processing ; splicing; mitochondrial transport;	0.424	9
1072	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0003856		regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
1073	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0001134	YHR092C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1074	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000396		respiration; mitochondrial transport; nucleotide transporters;	0.424	9
1075	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002905	YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

1076	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1077	S0004715	MYO5	YMR109W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0001612	MYO3	YKL129C	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.424	9
1078	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	S0001894			rRNA transcription; rRNA processing;	0.424	9
1079	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	S0002428	FAL1	YDR021W	rRNA transcription; rRNA processing;	0.424	9
1080	S0000228			translational control; assembly of protein complexes; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	S0000241			assembly of protein complexes; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.424	9
1081	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9
1082	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0005656		YOR130C	amino acid transport; mitochondrial transport;	0.424	9
1083	S0000813			stress response;	S0002484			amino-acid transporters; stress response;	0.424	9
1084	S0005875	PUT4	YOR348C	amino acid transport; cellular import; amino-acid transporters;	S0006195		YPL274W	amino acid transport; amino-acid transporters;	0.424	9
1085	S0003139			rRNA transcription; rRNA processing;	S0005321			rRNA transcription; rRNA processing; assembly of protein complexes;	0.424	9
1086	S0003139			rRNA transcription; rRNA processing;	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	0.424	9

1087	S0004662			cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; rRNA transcription; rRNA processing;	S0001853			cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; rRNA transcription; rRNA processing;	0.424	9
1088	S0003139			rRNA transcription; rRNA processing;	S0001894			rRNA transcription; rRNA processing;	0.424	9
1089	S0003139			rRNA transcription; rRNA processing;	S0002428	FAL1	YDR021W	rRNA transcription; rRNA processing;	0.424	9
1090	S0004660			nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	S0000308			mitochondrial transport; cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.424	9
1091	S0005169			cytokinesis ; sporulation and germination;	S0001065	MYO1	YHR023W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.424	9
1092	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing; assembly of protein complexes; vesicular transport ;	S0003931	DRS1	YLL008W	vesicular transport ;	0.424	9
1093	S0002351	ARF1	YDL192W		S0006139	SAR1	YPL218W		0.424	9
1094	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1095	S0003139			rRNA transcription; rRNA processing;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.424	9
1096	S0001376			mitochondrial transport; channel / pore class transporters; ion channels;	S0005000			mitochondrial transport; other transport facilitators;	0.424	9

1097	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	0.424	9
1098	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9
1099	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1100	S0003292	ERG25	YGR060W	lipid, fatty-acid and isoprenoid biosynthesis;	S0004046	ERG3	YLR056W	lipid, fatty-acid and isoprenoid biosynthesis;	0.424	9
1101	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9



1102	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.424	9
1103	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1104	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1105	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0001889	SEC4	YFL005W	vesicular transport ; budding, cell polarity and filament formation;	0.424	9
1106	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1107	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1108	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

1109	S0001138	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1110	S0001138	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1111	S0000789	amino acid transport; cellular import; amino-acid transporters;	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1112	S0000789	amino acid transport; cellular import; amino-acid transporters;	S0005212		YNL268W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1113	S0000789	amino acid transport; cellular import; amino-acid transporters;	S0005214		YNL270C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1114	S0000795	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1115	S0003762	rRNA transcription; rRNA processing;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.424	9

1116	S0005627	RAS1	YOR101W	nucleotide metabolism; regulation of nucleotide metabolism; regulation of C-compound and carbohydrate utilization; other cell division and DNA synthesis activities; intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell death; cell aging;	S0002193	transmembrane signal transduction; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell growth / morphogenesis;	0.424	9
1117	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002353	regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	0.424	9

1118	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9
1119	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1120	S0000789			amino acid transport; cellular import; amino-acid transporters;	S0005875	PUT4	YOR348C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1121	S0000789			amino acid transport; cellular import; amino-acid transporters;	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1122	S0000789			amino acid transport; cellular import; amino-acid transporters;	S0003287			amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9
1123	S0000789			amino acid transport; cellular import; amino-acid transporters;	S0005380	SCM2	YOL020W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1124	S0003882	ATP2	YJR121W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.424	9

1125	S0000789			amino acid transport; cellular import; amino-acid transporters;	S0002453		YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1126	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1127	S0005327	AGA1	YNR044W	pheromone response, mating-type determination, sex-specific proteins;	S0003764			pheromone response, mating-type determination, sex-specific proteins;	0.424	9
1128	S0004999			protein targeting, sorting and translocation;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.424	9
1129	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1130	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1131	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0002600	NUP42	YDR192C	RNA transport; nuclear transport;	0.424	9
1132	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0003140	NUP49	YGL172W	RNA transport; nuclear transport;	0.424	9
1133	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0003351	NUP57	YGR119C	nuclear transport;	0.424	9

1134	S0000789			amino acid transport; cellular import; amino-acid transporters;	S0006195		YPL274W	amino acid transport; amino-acid transporters;	0.424	9
1135	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1136	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1137	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1138	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1139	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	0.424	9
1140	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

1141	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1142	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0005624	NUP1	YOR098C	nuclear transport;	0.424	9
1143	S0002296	ARF2	YDL137W	assembly of protein complexes; vesicular transport ; Golgi;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.424	9
1144	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1145	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9
1146	S0002600	NUP42	YDR192C	RNA transport; nuclear transport;	S0003140	NUP49	YGL172W	RNA transport; nuclear transport;	0.424	9
1147	S0002600	NUP42	YDR192C	RNA transport; nuclear transport;	S0003351	NUP57	YGR119C	nuclear transport;	0.424	9
1148	S0002296	ARF2	YDL137W	assembly of protein complexes; vesicular transport ; Golgi;	S0001889	SEC4	YFL005W	vesicular transport ; budding, cell polarity and filament formation;	0.424	9
1149	S0002600	NUP42	YDR192C	RNA transport; nuclear transport;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.424	9
1150	S0000530			amino acid transport; amino-acid transporters;	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1151	S0000530			amino acid transport; amino-acid transporters;	S0005212		YNL268W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1152	S0000530			amino acid transport; amino-acid transporters;	S0001028	MUP3	YHL036W	amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9

1153	S0000530			amino acid transport; amino-acid transporters;	S0005214		amino acid transport; cellular import; amino-acid transporters;	0.424	9
1154	S0002600	NUP42	YDR192C	RNA transport; nuclear transport;	S0005624	NUP1	YOR098C nuclear transport;	0.424	9
1155	S0002600	NUP42	YDR192C	RNA transport; nuclear transport;	S0004327		nuclear transport;	0.424	9
1156	S0004165	CBF5	YLR175W	rRNA transcription; rRNA processing; cell growth / morphogenesis; cytoskeleton;	S0003391	NSR1	YGR159C rRNA transcription; rRNA processing; stress response;	0.424	9
1157	S0004165	CBF5	YLR175W	rRNA transcription; rRNA processing; cell growth / morphogenesis; cytoskeleton;	S0004187	SIK1	YLR197W rRNA transcription; rRNA processing;	0.424	9
1158	S0000530			amino acid transport; amino-acid transporters;	S0005875	PUT4	YOR348C amino acid transport; cellular import; amino-acid transporters;	0.424	9
1159	S0000530			amino acid transport; amino-acid transporters;	S0001747		YKR039W amino acid transport; cellular import; amino-acid transporters;	0.424	9
1160	S0000530			amino acid transport; amino-acid transporters;	S0005380	SCM2	YOL020W amino acid transport; cellular import; amino-acid transporters;	0.424	9
1161	S0000296			phosphate metabolism; phosphate utilization; metabolism of vitamins, cofactors, and prosthetic groups; utilization of vitamins, cofactors, and prosthetic groups;	S0000094		phosphate metabolism; phosphate utilization;	0.424	9
1162	S0000530			amino acid transport; amino-acid transporters;	S0002453		YDR046C amino acid transport; cellular import; amino-acid transporters;	0.424	9



1163	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport mechanism; transport ATPases; transport ATPases;	0.424	9
1164	S0000296			phosphate metabolism; phosphate utilization; metabolism of vitamins, cofactors, and prosthetic groups; utilization of vitamins, cofactors, and prosthetic groups;	S0001258			phosphate metabolism; phosphate utilization;	0.424	9
1165	S0003836	HOC1	YJR075W	protein modification; cell growth / morphogenesis; budding, cell polarity and filament formation; cell wall;	S0003006			protein modification;	0.424	9
1166	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1167	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1168	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9

1169	S0004165	CBF5	YLR175W	rRNA transcription; rRNA processing; cell growth / morphogenesis; cytoskeleton;	S0005837	NOP58 NOP59	YOR310C	rRNA transcription; rRNA processing;	0.424	9
1170	S0004165	CBF5	YLR175W	rRNA transcription; rRNA processing; cell growth / morphogenesis; cytoskeleton;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.424	9
1171	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1172	S0000530			amino acid transport; amino-acid transporters;	S0006195		YPL274W	amino acid transport; amino-acid transporters;	0.424	9
1173	S0005321			rRNA transcription; rRNA processing; assembly of protein complexes;	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	0.424	9
1174	S0005321			rRNA transcription; rRNA processing; assembly of protein complexes;	S0001894			rRNA transcription; rRNA processing;	0.424	9
1175	S0005321			rRNA transcription; rRNA processing; assembly of protein complexes;	S0002428	FAL1	YDR021W	rRNA transcription; rRNA processing;	0.424	9
1176	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	0.424	9

1177	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9
1178	S0001371	SEC24	YIL109C	vesicular transport ;	S0006385	SEC23	YPR181C	vesicular transport ;	0.424	9
1179	S0005216		YNL272C	vesicular transport ; extracellular transport, exocytosis and secretion;	S0002577			vesicular transport ;	0.424	9
1180	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1181	S0004532			vesicular transport ;	S0000040	ERV46	YAL042W	vesicular transport ;	0.424	9
1182	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1183	S0003513			drug transporters; transport mechanism; ABC transporters;	S0005855			transport mechanism; ABC transporters;	0.424	9

1184	S0003513	drug transporters; transport mechanism; ABC transporters;	S0002418			lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	0.424	9
1185	S0005321	rRNA transcription; rRNA processing; assembly of protein complexes;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.424	9
1186	S0004071	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005262			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1187	S0004071	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005516			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1188	S0004071	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001136			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1189	S0004071	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

1190	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1191	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1192	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1193	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1194	S0005448	MPD2	YOL088C	protein folding and stabilization;	S0002926	EUG1	YDR518W	protein folding and stabilization;	0.424	9
1195	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1196	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

1197	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1198	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1199	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1200	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1201	S0000159	KIP1	YBL063W	cytoskeleton-dependent transport;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.424	9
1202	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1203	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

1204	S0005214		YNL270C	amino acid transport; cellular import; amino-acid transporters;	S0005875	PUT4	YOR348C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1205	S0005214		YNL270C	amino acid transport; cellular import; amino-acid transporters;	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1206	S0005214		YNL270C	amino acid transport; cellular import; amino-acid transporters;	S0003287			amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9
1207	S0003513			drug transporters; transport mechanism; ABC transporters;	S0001692	STE6	YKL209C	extracellular transport, exocytosis and secretion; pheromone response, mating-type determination, sex-specific proteins; transport mechanism; ABC transporters;	0.424	9
1208	S0005214		YNL270C	amino acid transport; cellular import; amino-acid transporters;	S0005380	SCM2	YOL020W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1209	S0005214		YNL270C	amino acid transport; cellular import; amino-acid transporters;	S0002453		YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1210	S0004608	PLB2	YMR006C	breakdown of lipids, fatty acids and isoprenoids;	S0005371	PLB3	YOL011W	breakdown of lipids, fatty acids and isoprenoids;	0.424	9
1211	S0005214		YNL270C	amino acid transport; cellular import; amino-acid transporters;	S0006195		YPL274W	amino acid transport; amino- acid transporters;	0.424	9
1212	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	S0005624	NUP1	YOR098C	nuclear transport;	0.424	9
1213	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	S0004327			nuclear transport;	0.424	9
1214	S0004589			respiration;	S0002243			respiration;	0.424	9

1215	S0000225	nucleotide metabolism; pyrimidine ribonucleotide metabolism; cellular import; nucleotide transporters;	S0001467	cellular import; allantoin and allantoate transporters;	0.424	9
1216	S0001883	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0004071	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1217	S0001883	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0005262	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1218	S0001883	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0005516	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1219	S0001883	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0001136	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1220	S0001883	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002753	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1221	S0001883	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0001138	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9



1222	S0001883	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1223	S0001883	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1224	S0001883	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1225	S0001883	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1226	S0000037	metabolism of vitamins, cofactors, and prosthetic groups; utilization of vitamins, cofactors, and prosthetic groups; protein modification; other protein modifications;	S0001570			metabolism of vitamins, cofactors, and prosthetic groups; utilization of vitamins, cofactors, and prosthetic groups; protein modification;	0.424	9
1227	S0002551	proteolytic degradation; other proteolytic degradation;	S0004111			proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9

1228	S0003423	amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0000530	amino acid transport; amino- acid transporters;	0.424	9
1229	S0003423	amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0000789	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1230	S0003423	amino acid transport; extracellular transport, exocytosis and secretion; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ; amino-acid transporters;	S0000272	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1231	S0000789	amino acid transport; cellular import; amino-acid transporters;	S0000272	amino acid transport; cellular import; amino-acid transporters;	0.424	9

1232	S0003944	SPA2	YLL021W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	0.424	9
1233	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1234	S0001136			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1235	S0001136			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0001138			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1236	S0001136			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002751			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1237	S0001136			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

1238	S0001136		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003755			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1239	S0001136		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000795			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1240	S0003669	YJL133W	mRNA processing ; splicing; mitochondrial transport;	S0001760			mRNA processing ; splicing; mitochondrial transport;	0.424	9
1241	S0003669	YJL133W	mRNA processing ; splicing; mitochondrial transport;	S0003856			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
1242	S0003669	YJL133W	mRNA processing ; splicing; mitochondrial transport;	S0000396			respiration; mitochondrial transport; nucleotide transporters;	0.424	9
1243	S0002753		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002404			C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1244	S0003669	YJL133W	mRNA processing ; splicing; mitochondrial transport;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators; amino acid transport; mitochondrial transport;	0.424	9
1245	S0003669	YJL133W	mRNA processing ; splicing; mitochondrial transport; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005656		YOR130C	amino-acid transporters; proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1246	S0004557	PRE8	amino acid degradation ;	S0005889	PRE10	YOR362C	amino acid degradation ;	0.424	9
1247	S0004148			S0004150				0.424	9

1248	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	0.424	9
1249	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9
1250	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1251	S0003669		YJL133W	mRNA processing ; splicing; mitochondrial transport;	S0000308			mitochondrial transport; proteolytic degradation;	0.424	9
1252	S0004557	PRE8	YML092C	cytoplasmic and nuclear degradation; proteolytic degradation;	S0003367	PRE9	YGR135W	cytoplasmic and nuclear degradation; proteolytic degradation;	0.424	9
1253	S0004557	PRE8	YML092C	cytoplasmic and nuclear degradation; proteolytic degradation;	S0004931	PRE5	YMR314W	cytoplasmic and nuclear degradation; proteolytic degradation;	0.424	9

1254	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1255	S0000334			pheromone response, mating-type determination, sex-specific proteins;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.424	9
1256	S0002753			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1257	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.424	9
1258	S0002753			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1259	S0002753			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1260	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9

1261	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9
1262	S0002753			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1263	S0002753			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1264	S0002753			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1265	S0002753			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002905		YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1266	S0002753			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

1267	S0005534	SLG1	YOR008C	stress response;	S0000927	RSP5	YER125W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.424	9
1268	S0002731	PEP7	YDR323C	protein targeting, sorting and translocation; vacuolar transport;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.424	9
1269	S0005534	SLG1	YOR008C	stress response;	S0002484			stress response;	0.424	9
1270	S0005212		YNL268W	amino acid transport; cellular import; amino-acid transporters;	S0005214		YNL270C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1271	S0001844			cellular import; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ;	S0005490			cellular import; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ;	0.424	9
1272	S0000272			amino acid transport; cellular import; amino-acid transporters;	S0000273	TAT1	YBR069C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1273	S0000272			amino acid transport; cellular import; amino-acid transporters;	S0005212		YNL268W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1274	S0000272			amino acid transport; cellular import; amino-acid transporters;	S0001028	MUP3	YHL036W	amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9
1275	S0001204			assembly of protein complexes; cellular import; amino acid transport;	S0003473			assembly of protein complexes; cellular import; amino acid transport;	0.424	9
1276	S0000272			cellular import; amino-acid transporters;	S0005214		YNL270C	cellular import; amino-acid transporters;	0.424	9



1277	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	S0004592			phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9
1278	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1279	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9
1280	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1281	S0001099	CPR2	CYP2 YHR057C	protein folding and stabilization; stress response;	S0000665	CPR4	YCR070W	protein folding and stabilization;	0.424	9

1282	S0005212	YNL268W	amino acid transport; cellular import; amino-acid transporters;	S0005875	PUT4	YOR348C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1283	S0005212	YNL268W	amino acid transport; cellular import; amino-acid transporters;	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1284	S0005212	YNL268W	amino acid transport; cellular import; amino-acid transporters;	S0003287			amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9
1285	S0005212	YNL268W	amino acid transport; cellular import; amino-acid transporters;	S0005380	SCM2	YOL020W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1286	S0005212	YNL268W	amino acid transport; cellular import; amino-acid transporters;	S0002453		YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1287	S0002353		regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C- compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1288	S0000272		amino acid transport; cellular import; amino-acid transporters;	S0005875	PUT4	YOR348C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1289	S0000272		amino acid transport; cellular import; amino-acid transporters;	S0001747		YKR039W	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1290	S0000272		amino acid transport; cellular import; amino-acid transporters;	S0003287			amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9
1291	S0000272		amino acid transport; cellular import; amino-acid transporters;	S0005380	SCM2	YOL020W	amino acid transport; cellular import; amino-acid transporters;	0.424	9

1292	S0000272	amino acid transport; cellular import; amino-acid transporters;	S0002453		YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1293	S0001396	metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0001603	OAC1	YKL120W	mitochondrial transport; ion transporters; anion transporters ;	0.424	9
1294	S0002353	regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1295	S0001396	metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0005626	CRC1	YOR100C	mitochondrial transport;	0.424	9

1296	S0002353		regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1297	S0001396		metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators; amino acid transport; cellular import; amino-acid transporters;	S0003838	MIR1	YJR077C	phosphate metabolism; phosphate transport; mitochondrial transport; ionic homeostasis; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ;	0.424	9
1298	S0005212	YNL268W	amino acid transport; cellular import; amino-acid transporters;	S0003045			cellular import; amino-acid transporters;	0.424	9
1299	S0005212	YNL268W	amino acid transport; cellular import; amino-acid transporters;	S0006195		YPL274W	amino acid transport; amino-acid transporters;	0.424	9
1300	S0002353		regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	S0005463		YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9

1301	S0002353	regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	S0004613		YMR011W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1302	S0002353	regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	S0000502		YBR298C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1303	S0001396	metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0000495	CTP1	YBR291C	C-compound, carbohydrate transport; mitochondrial transport; ion transporters; anion transporters ;	0.424	9
1304	S0001396	metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0005748	ODC2	YOR222W	nucleotide metabolism; nucleotide transport; mitochondrial transport; nucleotide transporters;	0.424	9

1305	S0001396			metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0003669	YJL133W	mRNA processing ; splicing; mitochondrial transport;	0.424	9	
1306	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1307	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1308	S0000272			amino acid transport; cellular import; amino-acid transporters;	S0006195		YPL274W	amino acid transport; amino-acid transporters;	0.424	9
1309	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
1310	S0001275			drug transporters; transport mechanism; ABC transporters;	S0005855			transport mechanism; ABC transporters;	0.424	9
1311	S0001275			drug transporters; transport mechanism; ABC transporters;	S0002418			lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	0.424	9

1312	S0002353	regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	S0002905	YDR497C	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1313	S0001396	metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0001760		mRNA processing ; splicing; mitochondrial transport;	0.424	9
1314	S0001396	metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0003856		regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; mitochondrial transport; C-compound and carbohydrate transporters;	0.424	9
1315	S0001396	metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0000396		respiration; mitochondrial transport; nucleotide transporters;	0.424	9

1316	S0002353			regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C-compound and carbohydrate transporters;	S0001134		YHR092C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1317	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1318	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1319	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1320	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1321	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1322	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	S0000308			mitochondrial transport;	0.424	9
1323	S0001396			metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0006262	YMC1	YPR058W	mitochondrial transport; other transport facilitators;	0.424	9



1324	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.424	9
1325	S0001396			metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0005656		YOR130C	amino acid transport; mitochondrial transport; amino-acid transporters;	0.424	9
1326	S0004198	SEC13	YLR208W	vesicular transport ;	S0002304	COP1	YDL145C	vesicular transport ;	0.424	9
1327	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1328	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1329	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1330	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1331	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0003755			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9
1332	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0000795			C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	0.424	9

1333	S0001396			metabolism of vitamins, cofactors, and prosthetic groups; transport of vitamins, cofactors, and prosthetic groups; mitochondrial transport; other transport facilitators;	S0000308			mitochondrial transport; proteolytic degradation;	0.424	9
1334	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005683	PUP1	YOR157C	mitochondrial transport; proteolytic degradation; cytoplasmic and nuclear degradation;	0.424	9
1335	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9
1336	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.424	9
1337	S0001275			drug transporters; transport mechanism; ABC transporters;	S0005679	PDR5	YOR153W	lipid and fatty-acid transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; ABC transporters;	0.424	9
1338	S0001275			drug transporters; transport mechanism; ABC transporters;	S0001692	STE6	YKL209C	extracellular transport, exocytosis and secretion; pheromone response, mating-type determination, sex-specific proteins; transport mechanism; ABC transporters;	0.424	9

1339	S0003287			amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	S0002453	YDR046C	amino acid transport; cellular import; amino-acid transporters;	0.424	9
1340	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002404		C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9
1341	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0002353		regulation of C-compound and carbohydrate utilization; C-compound, carbohydrate transport; cellular import; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell wall; C- compound and carbohydrate transporters;	0.424	9
1342	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C- compound and carbohydrate transporters;	S0004592		phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9

1343	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005355			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1344	S0000344			cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; target of regulation; regulator of G-protein signalling;	S0002193			transmembrane signal transduction; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; cell growth / morphogenesis;	0.424	9
1345	S0003413			protein targeting, sorting and translocation;	S0003530	MRS11	TIM1(YHR005C-A)	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	0.424	9
1346	S0000005	ERP2	YAL007C	protein targeting, sorting and translocation; vesicular transport ;	S0004473	ERV25	YML012W	vesicular transport ;	0.424	9
1347	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003919		YJR158W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1348	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0003750		YJL214W	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9
1349	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0002944	STL1	YDR536W	C-compound, carbohydrate transport; C-compound and carbohydrate transporters;	0.424	9

1350	S0002750	HXT7	YDR342C	C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0005463	YOL103W	C-compound, carbohydrate transport; lipid and fatty-acid transport; cellular import; C-compound and carbohydrate transporters;	0.424	9	
1351	S0004071			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0004592		phosphate metabolism; phosphate transport; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of anions; homeostasis of phosphate; ion transporters; anion transporters ; C-compound and carbohydrate transporters;	0.424	9	
1352	S0002753			C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	S0000795		C-compound, carbohydrate transport; cellular import; C-compound and carbohydrate transporters;	0.424	9	
1353	S0004715	MYO5	YMR109W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.424	9
1354	S0005212		YNL268W	amino acid transport; cellular import; amino-acid transporters;	S0001028	MUP3	YHL036W	amino acid biosynthesis; amino acid transport; cellular import; amino-acid transporters;	0.424	9

1355	S0003341		YGR109C	DNA synthesis and replication; meiosis;	S0006177	CLN2	YPL256C	DNA synthesis and replication; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1356	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0006260	TFB4	YPR056W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1357	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0003490	RAD2	YGR258C	DNA recombination and DNA repair; DNA repair; meiosis;	0.333	10
1358	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1359	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1360	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002459	DBF4	YDR052C	DNA synthesis and replication;	0.333	10
1361	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10

1362	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	0.333	10
1363	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	0.333	10
1364	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1365	S0000376	SMY2	YBR172C	cytoskeleton-dependent transport;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	0.333	10
1366	S0000376	SMY2	YBR172C	cytoskeleton-dependent transport;	S0000027	MYO4	YAL029C	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10

1367	S0005006	GCD10	YNL062C	tRNA transcription; tRNA processing; translation; DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000283	RPG1	YBR079C	translation;	0.333	10
1368	S0000264	ORC2 RRR1	YBR060C	tRNA transcription; tRNA processing; translation;	S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10
1369	S0005006	GCD10	YNL062C	tRNA transcription; tRNA processing; translation;	S0004754	TIF34	YMR146C	translation;	0.333	10
1370	S0005006	GCD10	YNL062C	tRNA transcription; tRNA processing; translation;	S0002837	TIF35	YDR429C	translation;	0.333	10
1371	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.333	10
1372	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.333	10
1373	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	0.333	10
1374	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	0.333	10
1375	S0000031	POP5	YAL033W	DNA synthesis and replication; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000114	POP8	YBL018C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10



1376	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
1377	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000545	GLK1	YCL040W	C-compound, carbohydrate transport; glycolysis and gluconeogenesis; cellular import;	0.333	10
1378	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.333	10
1379	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
1380	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
1381	S0003739	PRP21	YJL203W	mRNA processing ; splicing; assembly of protein complexes;	S0003959	PRP19	YLL036C	mRNA processing ; splicing;	0.333	10

1382	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.333	10
1383	S0005047	MET4	YNL103W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	S0002661		YDR253C	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	0.333	10
1384	S0000031	POP5	YAL033W	DNA synthesis and replication; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0001454		YIR015W	tRNA transcription; tRNA processing;	0.333	10
1385	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0001405	SSL2	YIL143C	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1386	S0005047	MET4	YNL103W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	S0003821	CBF1	YJR060W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; nucleus;	0.333	10
1387	S0000376	SMY2	YBR172C	cytoskeleton-dependent transport;	S0001612	MYO3	YKL129C	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.333	10
1388	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1389	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1390	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

1391	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1392	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1393	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1394	S0004926	NIP1	YMR309C	translation;	S0005188	SUI1	YNL244C	translation;	0.333	10
1395	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
1396	S0005006	GCD10	YNL062C	tRNA transcription; tRNA processing; translation;	S0005888	PRT1	YOR361C	translation; sporulation and germination;	0.333	10
1397	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1398	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10
1399	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0004477	TAF40 TAF11	YML015C	general transcription activities;	0.333	10
1400	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	0.333	10
1401	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	0.333	10
1402	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0002552	TAF61 TAF12	YDR145W	general transcription activities;	0.333	10
1403	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0004840	TAF67 TAF7	YMR227C	general transcription activities;	0.333	10

1404	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton; rRNA transcription; rRNA processing; assembly of protein complexes;	0.333	10
1405	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	S0003931	DRS1	YLL008W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1406	S0006229	CCL1	YPR025C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003995	SSL1	YLR005W	DNA recombination and DNA repair; DNA repair; general transcription activities; translation;	0.333	10
1407	S0002835	RPN9	YDR427W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1408	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1409	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0006379	DPB2	YPR175W	DNA synthesis and replication;	0.333	10
1410	S0005006	GCD10	YNL062C	tRNA transcription; tRNA processing; translation;	S0004926	NIP1	YMR309C	translation;	0.333	10
1411	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
1412	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	0.333	10

1413	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	0.333	10
1414	S0006043		YPL122C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1415	S0006043		YPL122C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0001405	SSL2	YIL143C	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1416	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1417	S0002837	TIF35	YDR429C	translation;	S0005888	PRT1	YOR361C	translation; sporulation and germination;	0.333	10
1418	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
1419	S0001947	RET2	YFR051C	vesicular transport ;	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	0.333	10
1420	S0001947	RET2	YFR051C	vesicular transport ;	S0005231	SEC21	YNL287W	vesicular transport ;	0.333	10

1421	S0001947	RET2	YFR051C	vesicular transport ;	S0001338	SEC28	YIL076W	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
1422	S0001947	RET2	YFR051C	vesicular transport ;	S0002646	SEC26	YDR238C	vesicular transport ;	0.333	10
1423	S0001947	RET2	YFR051C	vesicular transport ;	S0003105	SEC27	YGL137W	vesicular transport ;	0.333	10
1424	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002266	KIN28	YDL108W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1425	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	0.333	10
1426	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002868	TFB3	YDR460W	DNA recombination and DNA repair; DNA repair; general transcription activities; assembly of protein complexes;	0.333	10
1427	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0001490	CAP1	YKL007W	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1428	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1429	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10

1430	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1431	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000482	DPB3	YBR278W	DNA synthesis and replication;	0.333	10
1432	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1433	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1434	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1435	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1436	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002459	DBF4	YDR052C	DNA synthesis and replication;	0.333	10

1437	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
1438	S0005006	GCD10	YNL062C	tRNA transcription; tRNA processing; translation;	S0005188	SUI1	YNL244C	translation;	0.333	10
1439	S0002837	TIF35	YDR429C	translation;	S0004926	NIP1	YMR309C	translation;	0.333	10
1440	S0006043		YPL122C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0003995	SSL1	YLR005W	DNA recombination and DNA repair; DNA repair; general transcription activities; translation;	0.333	10
1441	S0001947	RET2	YFR051C	vesicular transport ;	S0005931	RET3	YPL010W	vesicular transport ;	0.333	10
1442	S0005047	MET4	YNL103W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	S0001456	MET28	YIR017C	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	0.333	10
1443	S0005047	MET4	YNL103W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	S0005959	MET31	YPL038W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	0.333	10
1444	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0001400		YIL138C	budding, cell polarity and filament formation;	0.333	10
1445	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.333	10
1446	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
1447	S0002990	STT3	YGL022W	protein modification;	S0004481	OST6	YML019W	protein modification;	0.333	10
1448	S0002837	TIF35	YDR429C	translation;	S0005188	SUI1	YNL244C	translation;	0.333	10
1449	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10
1450	S0006043		YPL122C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002266	KIN28	YDL108W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10



1451	S0006043		YPL122C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002868	TFB3	YDR460W	DNA recombination and DNA repair; DNA repair; general transcription activities; assembly of protein complexes;	0.333	10
1452	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0006260	TFB4	YPR056W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1453	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0003490	RAD2	YGR258C	DNA recombination and DNA repair; DNA repair; meiosis;	0.333	10
1454	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0003824	RPA12	YJR063W	rRNA transcription; rRNA synthesis;	0.333	10
1455	S0006292	SRP54	YPR088C	protein targeting, sorting and translocation;	S0006131	SRP72	YPL210C	protein targeting, sorting and translocation;	0.333	10
1456	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0002299	RPO21	YDL140C	general transcription activities;	0.333	10
1457	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1458	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1459	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	0.333	10

1460	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.333	10
1461	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
1462	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1463	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006224	ATP20	YPR020W	respiration;	0.333	10
1464	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002785		YDR377W	respiration; assembly of protein complexes;	0.333	10
1465	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
1466	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10

1467	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1468	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	0.333	10
1469	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005365	RPB11	YOL005C	general transcription activities;	0.333	10
1470	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1471	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1472	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1473	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1474	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0001627	RPC25	YKL144C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10

1475	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005095	RPC31	YNL151C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1476	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1477	S0006292	SRP54	YPR088C	protein targeting, sorting and translocation;	S0006164	SRP68	YPL243W	protein targeting, sorting and translocation;	0.333	10
1478	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.333	10
1479	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
1480	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.333	10
1481	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1482	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10

1483	S0006043		YPL122C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0006260	TFB4	YPR056W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1484	S0006043		YPL122C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0003490	RAD2	YGR258C	DNA recombination and DNA repair; DNA repair; meiosis;	0.333	10
1485	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0003684		YJL148W	rRNA transcription; rRNA synthesis;	0.333	10
1486	S0006292	SRP54	YPR088C	protein targeting, sorting and translocation;	S0002250	SRP14	YDL092W	protein targeting, sorting and translocation;	0.333	10
1487	S0006292	SRP54	YPR088C	protein targeting, sorting and translocation;	S0001605	SRP21	YKL122C	protein targeting, sorting and translocation;	0.333	10
1488	S0003312	TWF1	YGR080W	budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
1489	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0007247		YML081C-A	respiration;	0.333	10
1490	S0003288	RSC1	YGR056W	DNA restriction or modification; chromatin modification;	S0005739	SAS5	YOR213C	DNA restriction or modification; chromatin modification;	0.333	10
1491	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000243	ATP3	YBR039W	ATPases;	0.333	10
1492	S0003159	COX13	YGL191W	respiration;	S0004997	COX5A	YNL052W	respiration;	0.333	10
1493	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10

1494	S0003964	SDH2	YLL041C	tricarboxylic-acid pathway ;	S0002585	SDH4	YDR178W	tricarboxylic-acid pathway ; respiration;	0.333	10
1495	S0003288	RSC1	YGR056W	DNA restriction or modification; chromatin modification;	S0004313	SFH1	YLR321C	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	0.333	10
1496	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0005082	SRV2	YNL138W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
1497	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.333	10
1498	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.333	10
1499	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	0.333	10
1500	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
1501	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1502	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1503	S0004814	RAD14	YMR201C	DNA recombination and DNA repair; DNA repair;	S0004560	RAD10	YML095C	DNA recombination and DNA repair; DNA repair;	0.333	10

1504	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1505	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1506	S0004138	PEP3	YLR148W	protein targeting, sorting and translocation; vesicular transport ;	S0004388	VPS33	YLR396C	protein targeting, sorting and translocation; vesicular transport ; vacuole or lysosome;	0.333	10
1507	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1508	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1509	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000406	CDC47	YBR202W	DNA synthesis and replication;	0.333	10
1510	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.333	10
1511	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1512	S0002840	NPL3	YDR432W	rRNA transcription; rRNA processing; RNA transport; protein targeting, sorting and translocation; nuclear transport;	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	0.333	10
1513	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1514	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	0.333	10

1515	S0003336	SRB5	YGR104C	general transcription activities;	S0000824	SRB4	YER022W	general transcription activities;	0.333	10
1516	S0003336	SRB5	YGR104C	general transcription activities;	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10
1517	S0005668	LSC1	YOR142W	tricarboxylic-acid pathway ; proteolytic degradation; cytoplasmic and nuclear degradation;	S0003476	LSC2	YGR244C	tricarboxylic-acid pathway ; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1518	S0001946	PRE4	YFR050C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000377	UMP1	YBR173C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1519	S0003804	POL32	YJR043C	tricarboxylic-acid pathway ; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002555	KGD2	YDR148C	tricarboxylic-acid pathway ; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1520	S0001387	KGD1	YIL125W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0004557	PRE8	YML092C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1521	S0001946	PRE4	YFR050C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004530	ORC1	YML065W	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1522	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0001048		YHR006W	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1523	S0000066	SEN34	YAR008W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1524	S0001946	PRE4	YFR050C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;						



1525	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.333	10
1526	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	0.333	10
1527	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	0.333	10
1528	S0002840	NPL3	YDR432W	rRNA transcription; rRNA processing; RNA transport; protein targeting, sorting and translocation; nuclear transport;	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	0.333	10
1529	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.333	10
1530	S0002840	NPL3	YDR432W	rRNA transcription; rRNA processing; RNA transport; protein targeting, sorting and translocation; nuclear transport;	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	0.333	10
1531	S0004138	PEP3	YLR148W	protein targeting, sorting and translocation; vesicular transport ;	S0004844	PEP5	YMR231W	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
1532	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1533	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.333	10
1534	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

1535	S0000066	SEN34	YAR008W	tRNA transcription; tRNA processing;	S0001688	LOS1	YKL205W	tRNA transcription; tRNA processing; RNA transport;	0.333	10
1536	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1537	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1538	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1539	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
1540	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1541	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.333	10
1542	S0002269	RRP42	YDL111C	rRNA transcription; rRNA processing;	S0003327	RRP46	YGR095C	rRNA transcription; rRNA processing;	0.333	10
1543	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	0.333	10
1544	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.333	10
1545	S0000728	WBP1	YEL002C	protein modification;	S0004481	OST6	YML019W	protein modification;	0.333	10
1546	S0000066	SEN34	YAR008W	tRNA transcription; tRNA processing;	S0003623	TRL1	YJL087C	tRNA transcription; tRNA processing;	0.333	10

1547	S0000066	SEN34	YAR008W	tRNA transcription; tRNA processing;	S0004095	SEN2	YLR105C	tRNA transcription; tRNA processing;	0.333	10
1548	S0000066	SEN34	YAR008W	tRNA transcription; tRNA processing;	S0002206		YDL048C	amino acid transport; tRNA transcription; tRNA processing;	0.333	10
1549	S0000066	SEN34	YAR008W	tRNA transcription; tRNA processing;	S0005462	TPT1	YOL102C	tRNA transcription; tRNA processing;	0.333	10
1550	S0000066	SEN34	YAR008W	tRNA transcription; tRNA processing;	S0002871	STP1	YDR463W	tRNA transcription; tRNA processing;	0.333	10
1551	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1552	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10
1553	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10
1554	S0002840	NPL3	YDR432W	rRNA transcription; rRNA processing; RNA transport; protein targeting, sorting and translocation; nuclear transport;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1555	S0002840	NPL3	YDR432W	rRNA transcription; rRNA processing; RNA transport; protein targeting, sorting and translocation; nuclear transport;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10
1556	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.333	10
1557	S0002840	NPL3	YDR432W	rRNA transcription; rRNA processing; RNA transport; protein targeting, sorting and translocation; nuclear transport;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.333	10

1558	S0000066	SEN34	YAR008W	tRNA transcription; tRNA processing;	S0004367	YLR375W	amino acid transport; tRNA transcription; tRNA processing;	0.333	10	
1559	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.333	10	
1560	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
1561	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
1562	S0002426	GCV1	YDR019C	amino acid degradation ;	S0004801	GCV2	YMR189W	amino acid degradation ;	0.333	10
1563	S0002426	GCV1	YDR019C	amino acid degradation ;	S0000042	GCV3	YAL044C	amino acid degradation ; degradation of amino acids of the cysteine-aromatic group; degradation of glycine;	0.333	10
1564	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
1565	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	0.333	10
1566	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002719	TFB1	YDR311W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1567	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	0.333	10
1568	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	0.333	10
1569	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	0.333	10

1570	S0006177	CLN2	YPL256C	DNA synthesis and replication; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0006324	CLB5	YPR120C	DNA synthesis and replication; meiosis;	0.333	10
1571	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1572	S0003202	SEC15	YGL233W	vesicular transport ; extracellular transport, exocytosis and secretion;	S0000810	SEC3	YER008C	extracellular transport, exocytosis and secretion; budding, cell polarity and filament formation;	0.333	10
1573	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	0.333	10
1574	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1575	S0003819	APS2	YJR058C	assembly of protein complexes; cellular import;	S0003765	APL1	YJR005W	assembly of protein complexes; cellular import;	0.333	10

1576	S0003202	SEC15	YGL233W	vesicular transport ; extracellular transport, exocytosis and secretion;	S0003621		YJL085W	extracellular transport, exocytosis and secretion;	0.333	10
1577	S0003202	SEC15	YGL233W	vesicular transport ; extracellular transport, exocytosis and secretion;	S0002573	SEC5	YDR166C	extracellular transport, exocytosis and secretion;	0.333	10
1578	S0003202	SEC15	YGL233W	vesicular transport ; extracellular transport, exocytosis and secretion;	S0006259	SEC8	YPR055W	extracellular transport, exocytosis and secretion;	0.333	10
1579	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1580	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10
1581	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1582	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10

1583	S0006164	SRP68	YPL243W	protein targeting, sorting and translocation;	S0002250	SRP14	YDL092W	protein targeting, sorting and translocation;	0.333	10
1584	S0006164	SRP68	YPL243W	protein targeting, sorting and translocation;	S0001605	SRP21	YKL122C	protein targeting, sorting and translocation;	0.333	10
1585	S0004970	SSN8	YNL025C	regulation of C-compound and carbohydrate utilization; meiosis; general transcription activities;	S0000677	SRB8	YCR081W	regulation of C-compound and carbohydrate utilization; general transcription activities;	0.333	10
1586	S0004970	SSN8	YNL025C	regulation of C-compound and carbohydrate utilization; meiosis; general transcription activities;	S0002851	SRB9 SSN2	YDR443C	regulation of C-compound and carbohydrate utilization; general transcription activities;	0.333	10
1587	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10
1588	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	0.333	10
1589	S0003561	APS3	YJL024C	transport ATPases;	S0006116	APL5	YPL195W	transport ATPases;	0.333	10
1590	S0003561	APS3	YJL024C	cellular import;	S0000492	APM3	YBR288C	cellular import;	0.333	10
1591	S0003803	NUP85	YJR042W	tRNA transcription; tRNA processing; nuclear transport; sporulation and germination;	S0003068	SEH1	YGL100W	nuclear transport; sporulation and germination;	0.333	10

1592	S0000146	SEC17	YBL050W	vesicular transport ; extracellular transport, exocytosis and secretion; cellular import; vacuole or lysosome;	S0000284	SEC18	YBR080C	vesicular transport ; extracellular transport, exocytosis and secretion; cellular import;	0.333	10
1593	S0006131	SRP72	YPL210C	protein targeting, sorting and translocation;	S0006164	SRP68	YPL243W	protein targeting, sorting and translocation;	0.333	10
1594	S0006131	SRP72	YPL210C	protein targeting, sorting and translocation;	S0002250	SRP14	YDL092W	protein targeting, sorting and translocation;	0.333	10
1595	S0006131	SRP72	YPL210C	protein targeting, sorting and translocation;	S0001605	SRP21	YKL122C	protein targeting, sorting and translocation;	0.333	10
1596	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0001017	SNF6	YHL025W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1597	S0002937	QCR7	YDR529C	respiration; assembly of protein complexes;	S0003702	QCR8	YJL166W	respiration;	0.333	10
1598	S0002937	QCR7	YDR529C	respiration; assembly of protein complexes;	S0005591	CYT1	YOR065W	respiration;	0.333	10
1599	S0002937	QCR7	YDR529C	respiration; assembly of protein complexes;	S0003415	QCR9	YGR183C	respiration;	0.333	10
1600	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
1601	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0000406	CDC47	YBR202W	DNA synthesis and replication;	0.333	10
1602	S0004997	COX5A	YNL052W	respiration;	S0001093	COX6	YHR051W	respiration;	0.333	10
1603	S0004997	COX5A	YNL052W	respiration;	S0004869	COX7	YMR256C	respiration; assembly of protein complexes;	0.333	10
1604	S0004997	COX5A	YNL052W	respiration;	S0004387	COX8	YLR395C	respiration;	0.333	10
1605	S0004997	COX5A	YNL052W	respiration;	S0002225	COX9	YDL067C	respiration; assembly of protein complexes;	0.333	10



1606	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1607	S0000112	FUS3	YBL016W	cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	S0002510	STE5	YDR103W	cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1608	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1609	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0002480	SNF11	YDR073W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1610	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0006379	DPB2	YPR175W	DNA synthesis and replication;	0.333	10
1611	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
1612	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0003712	SWI3	YJL176C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10

1613	S0000631	RRP43	YCR035C	rRNA transcription; rRNA processing;	S0001111	RRP4	YHR069C	rRNA transcription; rRNA processing;	0.333	10
1614	S0000631	RRP43	YCR035C	rRNA transcription; rRNA processing;	S0002688	RRP45	YDR280W	rRNA transcription; rRNA processing;	0.333	10
1615	S0005966	VPS16	YPL045W	protein targeting, sorting and translocation; vesicular transport ; cell wall; vacuole or lysosome;	S0004388	VPS33	YLR396C	protein targeting, sorting and translocation; vesicular transport ; vacuole or lysosome;	0.333	10
1616	S0005802	CAF20	YOR276W	translation;	S0003394	TIF4631	YGR162W	translation;	0.333	10
1617	S0005802	CAF20	YOR276W	translation;	S0003017	TIF4632	YGL049C	translation;	0.333	10
1618	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	0.333	10
1619	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0000482	DPB3	YBR278W	DNA synthesis and replication;	0.333	10
1620	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1621	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1622	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1623	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	0.333	10

1624	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1625	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
1626	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0000611		YCR018C	rRNA transcription; rRNA processing;	0.333	10
1627	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	0.333	10
1628	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0002840	NPL3	YDR432W	rRNA transcription; rRNA processing; RNA transport; protein targeting, sorting and translocation; nuclear transport;	0.333	10
1629	S0005381	DIS3	YOL021C	rRNA transcription; rRNA processing;	S0002269	RRP42	YDL111C	rRNA transcription; rRNA processing;	0.333	10
1630	S0005381	DIS3	YOL021C	rRNA transcription; rRNA processing;	S0003327	RRP46	YGR095C	rRNA transcription; rRNA processing;	0.333	10
1631	S0004028	COX12	YLR038C	respiration; assembly of protein complexes;	S0001093	COX6	YHR051W	respiration;	0.333	10
1632	S0004028	COX12	YLR038C	respiration; assembly of protein complexes;	S0004869	COX7	YMR256C	respiration; assembly of protein complexes;	0.333	10
1633	S0004028	COX12	YLR038C	respiration; assembly of protein complexes;	S0004387	COX8	YLR395C	respiration;	0.333	10
1634	S0004028	COX12	YLR038C	respiration; assembly of protein complexes;	S0002225	COX9	YDL067C	respiration; assembly of protein complexes;	0.333	10
1635	S0005829	CPA1	YOR303W	amino acid biosynthesis;	S0003870	CPA2	YJR109C	amino acid biosynthesis;	0.333	10
1636	S0001159	TOM72	YHR117W	mitochondrial transport;	S0006433	TOM5	YPR133W-A	mitochondrial transport;	0.333	10
1637	S0001159	TOM72	YHR117W	mitochondrial transport;	S0005571	TOM6	YOR045W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10

1638	S0001159	TOM72	YHR117W	mitochondrial transport;	S0005014	TOM7	YNL070W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
1639	S0003853	FIP1	YJR093C	mRNA processing ;	S0000041	PTA1	YAL043C	tRNA transcription; tRNA processing; mRNA processing ;	0.333	10
1640	S0002354	SEC31	YDL195W	vesicular transport ;	S0006006	SEC16	YPL085W	assembly of protein complexes; vesicular transport ;	0.333	10
1641	S0002354	SEC31	YDL195W	vesicular transport ;	S0006385	SEC23	YPR181C	vesicular transport ;	0.333	10
1642	S0002354	SEC31	YDL195W	vesicular transport ;	S0002129	ERP1	YAR002C-A	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
1643	S0002354	SEC31	YDL195W	vesicular transport ;	S0006139	SAR1	YPL218W	vesicular transport ;	0.333	10
1644	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0000638	TSM1 TAF2	YCR042C	general transcription activities;	0.333	10
1645	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10
1646	S0003102	PCL10	YGL134W	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	S0005952	PHO85	YPL031C	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	0.333	10
1647	S0000631	RRP43	YCR035C	rRNA transcription; rRNA processing;	S0005381	DIS3	YOL021C	rRNA transcription; rRNA processing;	0.333	10
1648	S0005966	VPS16	YPL045W	protein targeting, sorting and translocation; vesicular transport ; cell wall; vacuole or lysosome;	S0004844	PEP5	YMR231W	protein targeting, sorting and translocation; vesicular transport ;	0.333	10

1649	S0003237	TFG2	YGR005C	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1650	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
1651	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	0.333	10
1652	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0002840	NPL3	YDR432W	rRNA transcription; rRNA processing; RNA transport; protein targeting, sorting and translocation; nuclear transport;	0.333	10
1653	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
1654	S0000631	RRP43	YCR035C	rRNA transcription; rRNA processing;	S0002269	RRP42	YDL111C	rRNA transcription; rRNA processing;	0.333	10
1655	S0000631	RRP43	YCR035C	rRNA transcription; rRNA processing;	S0003327	RRP46	YGR095C	rRNA transcription; rRNA processing;	0.333	10
1656	S0003427	SKI6	YGR195W	nucleotide metabolism; polynucleotide degradation; rRNA transcription; rRNA processing; cell wall; rRNA transcription; rRNA synthesis;	S0000631	RRP43	YCR035C	rRNA transcription; rRNA processing;	0.333	10
1657	S0004507	RRN11	YML043C	synthesis;	S0003562	RRN7	YJL025W	rRNA transcription; rRNA synthesis;	0.333	10
1658	S0001776	BET3	YKR068C	vesicular transport ;	S0004542	BET5	YML077W	vesicular transport ;	0.333	10

1659	S0002354	SEC31	YDL195W	vesicular transport ; DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0000005	ERP2	YAL007C	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
1660	S0005206	POL2	YNL262W		S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
1661	S0003427	SKI6	YGR195W	nucleotide metabolism; polynucleotide degradation; rRNA transcription; rRNA processing; cell wall; rRNA transcription; rRNA synthesis;	S0001111	RRP4	YHR069C	rRNA transcription; rRNA processing;	0.333	10
1662	S0004507	RRN11	YML043C		S0000110	RRN6	YBL014C	rRNA transcription; rRNA synthesis;	0.333	10
1663	S0003427	SKI6	YGR195W	nucleotide metabolism; polynucleotide degradation; rRNA transcription; rRNA processing; cell wall;	S0002688	RRP45	YDR280W	rRNA transcription; rRNA processing;	0.333	10
1664	S0001776	BET3	YKR068C	vesicular transport ;	S0002815	TRS120	YDR407C	vesicular transport ;	0.333	10
1665	S0001776	BET3	YKR068C	vesicular transport ;	S0004831	TRS130	YMR218C	vesicular transport ;	0.333	10
1666	S0000688	MSH3	YCR092C	DNA recombination and DNA repair;	S0005026	PMS1	YNL082W	DNA recombination and DNA repair;	0.333	10
1667	S0002354	SEC31	YDL195W	vesicular transport ;	S0000040	ERV46	YAL042W	vesicular transport ;	0.333	10
1668	S0001776	BET3	YKR068C	vesicular transport ;	S0002515	GSG1	YDR108W	meiosis; vesicular transport ; sporulation and germination;	0.333	10
1669	S0001776	BET3	YKR068C	vesicular transport ;	S0000458	TRS20	YBR254C	vesicular transport ;	0.333	10
1670	S0001776	BET3	YKR068C	vesicular transport ;	S0002880	TRS31	YDR472W	vesicular transport ;	0.333	10
1671	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1672	S0002354	SEC31	YDL195W	vesicular transport ;	S0004473	ERV25	YML012W	vesicular transport ;	0.333	10
1673	S0003427	SKI6	YGR195W	nucleotide metabolism; polynucleotide degradation; rRNA transcription; rRNA processing; cell wall;	S0005381	DIS3	YOL021C	rRNA transcription; rRNA processing;	0.333	10

1674	S0003237	TFG2	YGR005C	general transcription activities;	S0003418	TFG1	YGR186W	general transcription activities;	0.333	10
1675	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1676	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1677	S0003427	SKI6	YGR195W	nucleotide metabolism; polynucleotide degradation; rRNA transcription; rRNA processing; cell wall; cytoskeleton-dependent transport;	S0002269	RRP42	YDL111C	rRNA transcription; rRNA processing;	0.333	10
1678	S0001496	ARC19	YKL013C	transport;	S0003826	ARP3	YJR065C	cytoskeleton-dependent transport;	0.333	10
1679	S0005776	CLP1	YOR250C	mRNA processing ;	S0003012	RNA15	YGL044C	mRNA processing ;	0.333	10
1680	S0002785		YDR377W	respiration; assembly of protein complexes;	S0007247		YML081C-A	respiration;	0.333	10
1681	S0002785		YDR377W	respiration; assembly of protein complexes;	S0000243	ATP3	YBR039W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1682	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0004061	RGR1	YLR071C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; general transcription activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1683	S0005776	CLP1	YOR250C	mRNA processing ;	S0005483	HRP1	YOL123W	mRNA processing ; other mRNA-transcription activities; RNA transport;	0.333	10

1684	S0005943	RAD1	YPL022W	DNA recombination and DNA repair; DNA repair; DNA synthesis and replication;	S0004814	RAD14	YMR201C	DNA recombination and DNA repair; DNA repair; DNA synthesis and replication;	0.333	10
1685	S0005046	POL1	YNL102W	DNA synthesis and replication;	S0001528	PRI2	YKL045W	DNA synthesis and replication; meiosis;	0.333	10
1686	S0005046	POL1	YNL102W	DNA synthesis and replication;	S0001447	PRI1	YIR008C	DNA recombination and DNA repair; DNA repair;	0.333	10
1687	S0005943	RAD1	YPL022W	DNA repair; DNA repair;	S0004560	RAD10	YML095C	DNA repair; DNA repair;	0.333	10
1688	S0005966	VPS16	YPL045W	protein targeting, sorting and translocation; vesicular transport ; cell wall; vacuole or lysosome;	S0004138	PEP3	YLR148W	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
1689	S0001047	GPA1	YHR005C	intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins;	S0003846	STE18	YJR086W	intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1690	S0001047	GPA1	YHR005C	intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins;	S0005738	STE4	YOR212W	intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1691	S0002654	TRS23	YDR246W	vesicular transport ;	S0001776	BET3	YKR068C	vesicular transport ;	0.333	10
1692	S0002654	TRS23	YDR246W	vesicular transport ;	S0004542	BET5	YML077W	vesicular transport ;	0.333	10



1693	S0000980	PDA1	YER178W	glycolysis and gluconeogenesis;	S0005015	LAT1	YNL071W	glycolysis and gluconeogenesis;	0.333	10
1694	S0002654	TRS23	YDR246W	vesicular transport ;	S0002815	TRS120	YDR407C	vesicular transport ;	0.333	10
1695	S0002654	TRS23	YDR246W	vesicular transport ;	S0004831	TRS130	YMR218C	vesicular transport ;	0.333	10
1696	S0000980	PDA1	YER178W	glycolysis and gluconeogenesis;	S0003425	PDX1	YGR193C	glycolysis and gluconeogenesis;	0.333	10
1697	S0002654	TRS23	YDR246W	vesicular transport ;	S0002515	GSG1	YDR108W	meiosis; vesicular transport ; sporulation and germination;	0.333	10
1698	S0002654	TRS23	YDR246W	vesicular transport ;	S0000458	TRS20	YBR254C	vesicular transport ;	0.333	10
1699	S0002654	TRS23	YDR246W	vesicular transport ;	S0002880	TRS31	YDR472W	vesicular transport ;	0.333	10
1700	S0002654	TRS23	YDR246W	vesicular transport ;	S0005641	TRS33	YOR115C	vesicular transport ;	0.333	10
1701	S0004754	TIF34	YMR146C	translation;	S0002837	TIF35	YDR429C	translation;	0.333	10
1702	S0000283	RPG1	YBR079C	translation;	S0004754	TIF34	YMR146C	translation;	0.333	10
1703	S0000283	RPG1	YBR079C	translation;	S0002837	TIF35	YDR429C	translation;	0.333	10
1704	S0001502	RAM2	YKL019W	lipid, fatty-acid and isoprenoid utilization; protein modification;	S0003123	CDC43	YGL155W	lipid, fatty-acid and isoprenoid utilization; protein modification; budding, cell polarity and filament formation;	0.333	10
1705	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
1706	S0002654	TRS23	YDR246W	vesicular transport ;	S0003398	KRE11	YGR166W	regulation of C-compound and carbohydrate utilization; vesicular transport ;	0.333	10
1707	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
1708	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000406	CDC47	YBR202W	DNA synthesis and replication;	0.333	10

1709	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.333	10
1710	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	0.333	10
1711	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.333	10
1712	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1713	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1714	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0006379	DPB2	YPR175W	DNA synthesis and replication;	0.333	10
1715	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
1716	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	0.333	10
1717	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis; translation; sporulation and germination;	0.333	10
1718	S0004754	TIF34	YMR146C	translation;	S0005888	PRT1	YOR361C		0.333	10

1719	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1720	S0000283	RPG1	YBR079C	translation;	S0005888	PRT1	YOR361C	translation; sporulation and germination;	0.333	10
1721	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	0.333	10
1722	S0000065	RFA1	YAR007C	DNA synthesis and replication; DNA recombination and DNA repair; pheromone response, mating-type determination, sex-specific proteins;	S0003709	RFA3	YJL173C	DNA synthesis and replication;	0.333	10
1723	S0004754	TIF34	YMR146C	translation;	S0004926	NIP1	YMR309C	translation;	0.333	10
1724	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000482	DPB3	YBR278W	DNA synthesis and replication;	0.333	10
1725	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1726	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1727	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1728	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002459	DBF4	YDR052C	DNA synthesis and replication;	0.333	10

1729	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
1730	S0000283	RPG1	YBR079C	translation;	S0004926	NIP1	YMR309C	translation;	0.333	10
1731	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1732	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10
1733	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1734	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.333	10
1735	S0004754	TIF34	YMR146C	translation;	S0005188	SUI1	YNL244C	translation;	0.333	10
1736	S0001017	SNF6	YHL025W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0002480	SNF11	YDR073W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1737	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10
1738	S0001017	SNF6	YHL025W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0003712	SWI3	YJL176C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10

1739	S0001017	SNF6	YHL025W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0005937	SWI1	YPL016W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1740	S0000283	RPG1	YBR079C	translation;	S0005188	SUI1	YNL244C	translation;	0.333	10
1741	S0002812	RPB7	YDR404C	general transcription activities; stress response;	S0002299	RPO21	YDL140C	general transcription activities;	0.333	10
1742	S0002812	RPB7	YDR404C	general transcription activities; stress response;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1743	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.333	10
1744	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
1745	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
1746	S0002812	RPB7	YDR404C	general transcription activities; stress response;	S0005365	RPB11	YOL005C	general transcription activities;	0.333	10
1747	S0003995	SSL1	YLR005W	DNA recombination and DNA repair; DNA repair; general transcription activities; translation;	S0002266	KIN28	YDL108W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1748	S0002812	RPB7	YDR404C	general transcription activities; stress response;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10

1749	S0001792		YKR084C	translation;	S0001564	TEF4	YKL081W	translation;	0.333	10
				DNA recombination and DNA repair; DNA repair; general transcription activities; translation;				DNA recombination and DNA repair; DNA repair; general transcription activities; assembly of protein complexes;		
1750	S0003995	SSL1	YLR005W		S0002868	TFB3	YDR460W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1751	S0002812	RPB7	YDR404C	general transcription activities; stress response; amino acid transport; tRNA transcription; tRNA processing;	S0001185	RPC10	YHR143W-A	tRNA transcription; tRNA processing;	0.333	10
1752	S0002206		YDL048C		S0005462	TPT1	YOL102C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1753	S0001104	RPP1	YHR062C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0005226	POP3	YNL282W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1754	S0001104	RPP1	YHR062C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing; DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003262	POP6	YGR030C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1755	S0005205	ORC5	YNL261W		S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
				rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;				rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;		
1756	S0001104	RPP1	YHR062C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0000371	POP7	YBR167C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1757	S0006394	RPC82	YPR190C		S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
				rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;				rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;		
1758	S0006394	RPC82	YPR190C		S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10

1759	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0001627	RPC25	YKL144C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1760	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005095	RPC31	YNL151C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1761	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1762	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport mechanism; transport ATPases; transport ATPases;	S0003252	VMA7	YGR020C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1763	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001400		YIL138C	budding, cell polarity and filament formation;	0.333	10
1764	S0002304	COP1	YDL145C	vesicular transport ;	S0001947	RET2	YFR051C	vesicular transport ;	0.333	10

1765	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport mechanism; transport ATPases; transport ATPases;	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1766	S0003995	SSL1	YLR005W	DNA recombination and DNA repair; DNA repair; general transcription activities; translation;	S0006260	TFB4	YPR056W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1767	S0003995	SSL1	YLR005W	DNA recombination and DNA repair; DNA repair; general transcription activities; translation;	S0003490	RAD2	YGR258C	DNA recombination and DNA repair; DNA repair; meiosis;	0.333	10
1768	S0001104	RPP1	YHR062C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1769	S0001104	RPP1	YHR062C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000461	POP4	YBR257W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10



1770	S0001104	RPP1	YHR062C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000031	POP5	YAL033W	DNA synthesis and replication; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1771	S0001104	RPP1	YHR062C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000114	POP8	YBL018C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1772	S0001602	VPH2	YKL119C	assembly of protein complexes;	S0001102	VMA22	YHR060W	assembly of protein complexes;	0.333	10
1773	S0002304	COP1	YDL145C	vesicular transport ;	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	0.333	10
1774	S0002304	COP1	YDL145C	vesicular transport ;	S0005231	SEC21	YNL287W	vesicular transport ; protein targeting, sorting and translocation; vesicular transport ;	0.333	10
1775	S0002304	COP1	YDL145C	vesicular transport ; respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport	S0001338	SEC28	YIL076W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport	0.333	10
1776	S0005999	ATP4	YPL078C	ATPases;	S0003882	ATP2	YJR121W	ATPases;	0.333	10
1777	S0002304	COP1	YDL145C	vesicular transport ;	S0002646	SEC26	YDR238C	vesicular transport ;	0.333	10

1778	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport mechanism; transport ATPases; transport ATPases;	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1779	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	0.333	10
1780	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1781	S0003745	CBP1	YJL209W	mRNA processing ; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0001030		YHL038C	mRNA processing ; splicing;	0.333	10
1782	S0001104	RPP1	YHR062C	mRNA processing ; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0001454		YIR015W	tRNA transcription; tRNA processing;	0.333	10

1783	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.333	10
1784	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport mechanism; transport ATPases; transport ATPases;	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1785	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1786	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10

1787	S0002304	COP1	YDL145C	vesicular transport ; general transcription activities;	S0005931	RET3	YPL010W	vesicular transport ; general transcription activities;	0.333	10
1788	S0004849	TAF17 TAF9	YMR236W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0004564	TAF19 TAF13	YML098W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1789	S0005999	ATP4	YPL078C	ATPases;	S0000195	ATP1	YBL099W	ATPases;	0.333	10
1790	S0000399	MSI1	YBR195C	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; nucleus; organization of chromosome structure; target of regulation; regulator of G- protein signalling;	S0004570	CAC2	YML102W	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes;	0.333	10
1791	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0002574	TAF25 TAF10	YDR167W	general transcription activities;	0.333	10
1792	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0004477	TAF40 TAF11	YML015C	general transcription activities;	0.333	10
1793	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	0.333	10
1794	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	0.333	10
1795	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0002552	TAF61 TAF12	YDR145W	general transcription activities;	0.333	10
1796	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0004840	TAF67 TAF7	YMR227C	general transcription activities;	0.333	10

1797	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1798	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1799	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006224	ATP20	YPR020W	respiration;	0.333	10
1800	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002785		YDR377W	respiration; assembly of protein complexes;	0.333	10
1801	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10

1802	S0003846	STE18	YJR086W	intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins;	S0005738	STE4	YOR212W	intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1803	S0004646	MCM1	YMR043W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; regulation of C-compound and carbohydrate utilization; regulation of lipid, fatty-acid and isoprenoid metabolism; stress response; detoxification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0004565	ARGR2	YML099C	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	0.333	10
1804	S0000001	TFC3	YAL001C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005636	TFC7	YOR110W	regulation of C-compound and carbohydrate utilization; rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1805	S0003155	COX4	YGL187C	respiration;	S0004028	COX12	YLR038C	respiration; assembly of protein complexes;	0.333	10
1806	S0003155	COX4	YGL187C	respiration;	S0003159	COX13	YGL191W	respiration;	0.333	10

1807	S0002344	VMA1	TFP1	YDL184W-B	ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; ion transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport ATPases; transport	0.333	10
1808	S0003155	COX4	YGL187C	respiration;	respiration;	S0004997	COX5A	YNL052W	respiration;	0.333	10

1809	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport mechanism; transport ATPases; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1810	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1811	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1812	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1813	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1814	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10



1815	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1816	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1817	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1818	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1819	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1820	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1821	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1822	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1823	S0004831	TRS130	YMR218C	vesicular transport ;	S0002515	GSG1	YDR108W	meiosis; vesicular transport ; sporulation and germination;	0.333	10
1824	S0004831	TRS130	YMR218C	vesicular transport ;	S0000458	TRS20	YBR254C	vesicular transport ;	0.333	10
1825	S0004831	TRS130	YMR218C	vesicular transport ;	S0002880	TRS31	YDR472W	vesicular transport ;	0.333	10
1826	S0004831	TRS130	YMR218C	vesicular transport ;	S0005641	TRS33	YOR115C	vesicular transport ;	0.333	10

1827	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport mechanism; transport ATPases; transport ATPases;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
1828	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0007247		YML081C-A	respiration;	0.333	10
1829	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000243	ATP3	YBR039W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1830	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

1831	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1832	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1833	S0002128	SBH1	YER087C-B	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0004370	SEC61	YLR378C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.333	10
1834	S0004831	TRS130	YMR218C	vesicular transport ;	S0003398	KRE11	YGR166W	regulation of C-compound and carbohydrate utilization; vesicular transport ;	0.333	10
1835	S0000399	MS11	YBR195C	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; nucleus; organization of chromosome structure; target of regulation; regulator of G- protein signalling;	S0006222	RLF2	YPR018W	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes;	0.333	10
1836	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

1837	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1838	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.333	10
1839	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1840	S0003279	TFC4	YGR047C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0002770	TFC6	YDR362C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1841	S0004646	MCM1	YMR043W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; regulation of C-compound and carbohydrate utilization; regulation of lipid, fatty-acid and isoprenoid metabolism; stress response; detoxification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0002580		YDR173C	regulation of amino acid metabolism; sporulation and germination;	0.333	10
1842	S0003279	TFC4	YGR047C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0000001	TFC3	YAL001C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10

1843	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1844	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1845	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1846	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1847	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1848	S0003279	TFC4	YGR047C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005636	TFC7	YOR110W	regulation of C-compound and carbohydrate utilization; rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1849	S0007247		YML081C-A	respiration;	S0000243	ATP3	YBR039W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1850	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10

1851	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1852	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1853	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1854	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1855	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0001627	RPC25	YKL144C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1856	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0005095	RPC31	YNL151C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1857	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1858	S0002128	SBH1	YER087C-B	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0002493	SSS1	YDR086C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.333	10
1859	S0003538	PRE3	YJL001W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.333	10

1860	S0004160	APS1	YLR170C	assembly of protein complexes; cellular import;	S0001618	APL2	YKL135C	assembly of protein complexes; cellular import;	0.333	10
1861	S0004160	APS1	YLR170C	assembly of protein complexes; cellular import;	S0006233	APL4	YPR029C	assembly of protein complexes; cellular import;	0.333	10
1862	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
1863	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10
1864	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.333	10
1865	S0000950	SPT15	YER148W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0004984	BDP1 TFC5	YNL039W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1866	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1867	S0000950	SPT15	YER148W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0004507	RRN11	YML043C	rRNA transcription; rRNA synthesis;	0.333	10
1868	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1869	S0000950	SPT15	YER148W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0003562	RRN7	YJL025W	rRNA transcription; rRNA synthesis;	0.333	10

1870	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1871	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1872	S0000950	SPT15	YER148W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0000110	RRN6	YBL014C	rRNA transcription; rRNA synthesis;	0.333	10
1873	S0002250	SRP14	YDL092W	protein targeting, sorting and translocation;	S0001605	SRP21	YKL122C	protein targeting, sorting and translocation;	0.333	10
1874	S0004757	SWP1	YMR149W	protein modification;	S0004481	OST6	YML019W	protein modification;	0.333	10
1875	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1876	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1877	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10



1878	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1879	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1880	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006224	ATP20	YPR020W	respiration;	0.333	10
1881	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002785		YDR377W	respiration; assembly of protein complexes;	0.333	10
1882	S0002605		YDR197W	translational control;	S0002227		YDL069C	translational control;	0.333	10
1883	S0004869	COX7	YMR256C	respiration; assembly of protein complexes;	S0004387	COX8	YLR395C	respiration;	0.333	10
1884	S0004869	COX7	YMR256C	respiration; assembly of protein complexes;	S0002225	COX9	YDL067C	respiration; assembly of protein complexes;	0.333	10
1885	S0005327	AGA1	YNR044W	pheromone response, mating-type determination, sex-specific proteins;	S0003000	AGA2	YGL032C	pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1886	S0003314	TOM20	YGR082W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005075	TOM22	YNL131W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10

1887	S0003314	TOM20	YGR082W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0004816	TOM40	YMR203W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
1888	S0003314	TOM20	YGR082W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005065	TOM70	YNL121C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
1889	S0003314	TOM20	YGR082W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0001159	TOM72	YHR117W	mitochondrial transport;	0.333	10
1890	S0002976	PMA1	YGL008C	ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0002103		YEL017C-A	ATPases;	0.333	10
1891	S0002976	PMA1	YGL008C	ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000619		YCR024C-A	ATPases;	0.333	10
1892	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0007247		YML081C-A	respiration;	0.333	10

1893	S0000950	SPT15	YER148W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities; protein targeting, sorting and translocation; vesicular transport ;	S0003478	YGR246C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10	
1894	S0002129	ERP1	YAR002C-A	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006139	SAR1	YPL218W	vesicular transport ;	0.333	10
1895	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000243	ATP3	YBR039W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1896	S0004816	TOM40	YMR203W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005065	TOM70	YNL121C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
1897	S0004816	TOM40	YMR203W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0001159	TOM72	YHR117W	mitochondrial transport;	0.333	10
1898	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
1899	S0004388	VPS33	YLR396C	protein targeting, sorting and translocation; vesicular transport ; vacuole or lysosome;	S0004844	PEP5	YMR231W	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
1900	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001400	YIL138C	budding, cell polarity and filament formation;	0.333	10	

1901	S0002129	ERP1	YAR002C-A	protein targeting, sorting and translocation; vesicular transport ;	S0000005	ERP2	YAL007C	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
1902	S0006139	SAR1	YPL218W	vesicular transport ; proteolytic degradation;	S0000005	ERP2	YAL007C	protein targeting, sorting and translocation; vesicular transport ; proteolytic degradation;	0.333	10
1903	S0003016	RPT6	YGL048C	cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	cytoplasmic and nuclear degradation;	0.333	10
1904	S0001540	NUP120	YKL057C	RNA transport; nuclear transport;	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	0.333	10
1905	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0003341		YGR109C	DNA synthesis and replication; meiosis;	0.333	10
1906	S0004816	TOM40	YMR203W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0006433	TOM5	YPR133W-A	mitochondrial transport;	0.333	10
1907	S0004816	TOM40	YMR203W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005571	TOM6	YOR045W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
1908	S0004816	TOM40	YMR203W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005014	TOM7	YNL070W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
1909	S0003155	COX4	YGL187C	respiration;	S0001093	COX6	YHR051W	respiration;	0.333	10
1910	S0003155	COX4	YGL187C	respiration;	S0004869	COX7	YMR256C	respiration; assembly of protein complexes;	0.333	10
1911	S0003155	COX4	YGL187C	respiration;	S0004387	COX8	YLR395C	respiration;	0.333	10
1912	S0003155	COX4	YGL187C	respiration;	S0002225	COX9	YDL067C	respiration; assembly of protein complexes;	0.333	10
1913	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

1914	S0001400		YIL138C	budding, cell polarity and filament formation;	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.333	10
1915	S0002129	ERP1	YAR002C-A	protein targeting, sorting and translocation; vesicular transport ;	S0000040	ERV46	YAL042W	vesicular transport ;	0.333	10
1916	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
1917	S0001400		YIL138C	budding, cell polarity and filament formation;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
1918	S0002248	RAM1	YDL090C	lipid, fatty-acid and isoprenoid utilization; protein modification; intracellular signalling; other intracellular signal transduction activities;	S0001502	RAM2	YKL019W	lipid, fatty-acid and isoprenoid utilization; protein modification;	0.333	10
1919	S0006139	SAR1	YPL218W	vesicular transport ; mRNA processing ;	S0000040	ERV46	YAL042W	vesicular transport ;	0.333	10
1920	S0000967	PAB1	YER165W	translation;	S0003394	TIF4631	YGR162W	translation;	0.333	10
1921	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005082	SRV2	YNL138W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
1922	S0001048		YHR006W	tRNA transcription; tRNA processing;	S0001688	LOS1	YKL205W	tRNA transcription; tRNA processing; RNA transport;	0.333	10

1923	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.333	10
1924	S0001400		YIL138C	budding, cell polarity and filament formation;	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
1925	S0006139	SAR1	YPL218W	vesicular transport ;	S0004473	ERV25	YML012W	vesicular transport ;	0.333	10
1926	S0002563	RPA14	YDR156W	rRNA transcription; rRNA synthesis;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1927	S0001048		YHR006W	tRNA transcription; tRNA processing;	S0003623	TRL1	YJL087C	tRNA transcription; tRNA processing;	0.333	10
1928	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
1929	S0001048		YHR006W	tRNA transcription; tRNA processing;	S0004095	SEN2	YLR105C	tRNA transcription; tRNA processing;	0.333	10
1930	S0001048		YHR006W	tRNA transcription; tRNA processing;	S0005462	TPT1	YOL102C	tRNA transcription; tRNA processing;	0.333	10

1931	S0001400		YIL138C	budding, cell polarity and filament formation;	S0005082	SRV2	YNL138W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
1932	S0001400		YIL138C	budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.333	10
1933	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0005999	ATP4	YPL078C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1934	S0001400		YIL138C	budding, cell polarity and filament formation;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.333	10
1935	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	S0002552	TAF61 TAF12	YDR145W	general transcription activities;	0.333	10
1936	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	S0004840	TAF67 TAF7	YMR227C	general transcription activities;	0.333	10
1937	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0006324	CLB5	YPR120C	DNA synthesis and replication; meiosis;	0.333	10
1938	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10

1939	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1940	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1941	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
1942	S0001400		YIL138C	budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
1943	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0003882	ATP2	YJR121W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1944	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0002812	RPB7	YDR404C	general transcription activities; stress response;	0.333	10
1945	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1946	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0003038	RPB9	YGL070C	general transcription activities;	0.333	10
1947	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	0.333	10



1948	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1949	S0002770	TFC6	YDR362C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0000001	TFC3	YAL001C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1950	S0004840	TAF67 TAF7	YMR227C	general transcription activities;	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	0.333	10
1951	S0003590	TIM54	YJL054W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0007256		YEL020W-A	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	0.333	10
1952	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1953	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1954	S0001405	SSL2	YIL143C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0003995	SSL1	YLR005W	DNA recombination and DNA repair; DNA repair; general transcription activities; translation;	0.333	10

1955	S0004840	TAF67 TAF7	YMR227C	general transcription activities; DNA synthesis and replication; plasma membrane;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
1956	S0003730	CDC6	YJL194W		S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10
1957	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1958	S0003590	TIM54	YJL054W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0002376	TIM22	YDL217C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
1959	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1960	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
1961	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0006224	ATP20	YPR020W	respiration;	0.333	10

1962	S0007339		YOL077W-A	respiration; mitochondrial transport;	S0002785		YDR377W	respiration; assembly of protein complexes;	0.333	10	
1963	S0000967	PAB1	YER165W	mRNA processing ; translation;	S0005499	CDC33	YOL139C	translation; sporulation and germination;	0.333	10	
1964	S0002770	TFC6	YDR362C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005636	TFC7	YOR110W	regulation of C-compound and carbohydrate utilization; rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10	
1965	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.333	10	
1966	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10	
1967	S0001405	SSL2	YIL143C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002266	KIN28	YDL108W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10	
1968	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10	
1969	S0001405	SSL2	YIL143C	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002868	TFB3	YDR460W	DNA recombination and DNA repair; DNA repair; general transcription activities; assembly of protein complexes;	0.333	10	
1970	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10	
1971	S0003590	TIM54	YJL054W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0003530	MRS11	TIM1(YHR005C-A)	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	0.333	10	
1972	S0003590	TIM54	YJL054W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0000295	MRS5	TIM12	YBR091C	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	0.333	10

1973	S0007339		respiration; mitochondrial transport;	YOL077W-A	S0007247	YML081C-A	respiration;	0.333	10	
1974	S0007339		respiration; mitochondrial transport;	YOL077W-A	S0000243	ATP3	YBR039W	ATPases;	0.333	10
1975	S0006380	BET2	lipid, fatty-acid and isoprenoid utilization; protein modification;	YPR176C	S0003568	BET4	YJL031C	lipid, fatty-acid and isoprenoid utilization; protein modification;	0.333	10
1976	S0005868	RPA190	rRNA transcription; rRNA synthesis;	YOR341W	S0003824	RPA12	YJR063W	rRNA transcription; rRNA synthesis;	0.333	10
1977	S0001405	SSL2	DNA recombination and DNA repair; DNA repair; general transcription activities;	YIL143C	S0006260	TFB4	YPR056W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
1978	S0006223	CDC54	DNA synthesis and replication;	YPR019W	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.333	10
1979	S0001405	SSL2	DNA recombination and DNA repair; DNA repair; general transcription activities;	YIL143C	S0003490	RAD2	YGR258C	DNA recombination and DNA repair; DNA repair; meiosis;	0.333	10
1980	S0005868	RPA190	rRNA transcription; rRNA synthesis;	YOR341W	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; general transcription activities;	0.333	10
1981	S0005868	RPA190	rRNA transcription; rRNA synthesis;	YOR341W	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	0.333	10
1982	S0004664		lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	YMR060C	S0003314	TOM20	YGR082W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10

1983	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005075	TOM22	YNL131W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
1984	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0004816	TOM40	YMR203W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
1985	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0001159	TOM72	YHR117W	mitochondrial transport;	0.333	10
1986	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	0.333	10
1987	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	0.333	10
1988	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1989	S0003821	CBF1	YJR060W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; nucleus;	S0001456	MET28	YIR017C	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	0.333	10
1990	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10

1991	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
1992	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
1993	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	0.333	10
1994	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	0.333	10
1995	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0004187	SIK1	YLR197W	rRNA transcription; rRNA processing;	0.333	10
1996	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	S0003684		YJL148W	rRNA transcription; rRNA synthesis;	0.333	10
1997	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	S0002274	NUP84	YDL116W	nuclear transport; sporulation and germination;	0.333	10
1998	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	S0003803	NUP85	YJR042W	tRNA transcription; tRNA processing; nuclear transport; sporulation and germination;	0.333	10
1999	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0006433	TOM5	YPR133W-A	mitochondrial transport;	0.333	10
2000	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005571	TOM6	YOR045W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10

2001	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005014	TOM7	YNL070W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
2002	S0006380	BET2	YPR176C	lipid, fatty-acid and isoprenoid utilization; protein modification;	S0005897	MRS6	YOR370C	lipid, fatty-acid and isoprenoid utilization; protein modification;	0.333	10
2003	S0004477	TAF40 TAF11	YML015C	general transcription activities;	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	0.333	10
2004	S0004477	TAF40 TAF11	YML015C	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2005	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2006	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10
2007	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0005837	NOP58 NOP5	YOR310C	rRNA transcription; rRNA processing;	0.333	10
2008	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.333	10
2009	S0003676	RPB4	YJL140W	general transcription activities; stress response;	S0002299	RPO21	YDL140C	general transcription activities;	0.333	10
2010	S0003676	RPB4	YJL140W	general transcription activities; stress response;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10

2011	S0004477	TAF40 TAF11	YML015C	general transcription activities;	S0000638	TSM1 TAF2	YCR042C	general transcription activities;	0.333	10
2012	S0003060	NUP145	YGL092W	tRNA transcription; tRNA processing; RNA transport; nuclear transport;	S0003068	SEH1	YGL100W	nuclear transport; sporulation and germination;	0.333	10
2013	S0003676	RPB4	YJL140W	general transcription activities; stress response;	S0005365	RPB11	YOL005C	general transcription activities;	0.333	10
2014	S0003676	RPB4	YJL140W	general transcription activities; stress response;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2015	S0003676	RPB4	YJL140W	general transcription activities; stress response;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2016	S0000040	ERV46	YAL042W	vesicular transport ;	S0004473	ERV25	YML012W	vesicular transport ;	0.333	10
2017	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport mechanism; transport ATPases; transport	0.333	10



2018	S0000981	DMC1	YER179W	DNA recombination and DNA repair; meiosis;	S0002993	PGD1	YGL025C	DNA recombination and DNA repair;	0.333	10	
2019	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0003252	VMA7	YGR020C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10	
2020	S0005205	ORC5	YNL261W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	0.333	10	
2021	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10	
2022	S0004714	ILV2	YMR108W	amino acid biosynthesis;	S0000515	ILV6	YCL009C	amino acid biosynthesis; biosynthesis of the pyruvate family and D-alanine ;	0.333	10	
2023	S0002376	TIM22	YDL217C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0003530	MRS11	TIM1(YHR005C-A)	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	0.333	10	
2024	S0002376	TIM22	YDL217C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0000295	MRS5	TIM12	YBR091C	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	0.333	10

2025	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2026	S0000872	RNR1	YER070W	nucleotide metabolism; deoxyribonucleotide metabolism; DNA synthesis and replication;	S0003563	RNR2	YJL026W	nucleotide metabolism; deoxyribonucleotide metabolism; DNA synthesis and replication;	0.333	10
2027	S0000872	RNR1	YER070W	nucleotide metabolism; deoxyribonucleotide metabolism; DNA synthesis and replication;	S0003412	RNR4	YGR180C	nucleotide metabolism; deoxyribonucleotide metabolism; DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
2028	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2029	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2030	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2031	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2032	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10

2033	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2034	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0001627	RPC25	YKL144C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2035	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005095	RPC31	YNL151C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2036	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2037	S0003563	RNR2	YJL026W	nucleotide metabolism; deoxyribonucleotide metabolism; DNA synthesis and replication;	S0001328	RNR3	YIL066C	nucleotide metabolism; deoxyribonucleotide metabolism; DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
2038	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	0.333	10
2039	S0003105	SEC27	YGL137W	transport ATPases; vesicular transport ;	S0005931	RET3	YPL010W	transport ATPases; vesicular transport ;	0.333	10
2040	S0005963	SSN3	YPL042C	regulation of C-compound and carbohydrate utilization; meiosis;	S0000677	SRB8	YCR081W	regulation of C-compound and carbohydrate utilization; general transcription activities;	0.333	10
2041	S0005963	SSN3	YPL042C	regulation of C-compound and carbohydrate utilization; meiosis;	S0002851	SRB9 SSN2	YDR443C	regulation of C-compound and carbohydrate utilization; general transcription activities;	0.333	10

2042	S0003712	SWI3	YJL176C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; respiration; assembly of protein complexes;	S0005937	SWI1	YPL016W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2043	S0006395	QCR2	YPR191W	nucleotide metabolism; deoxyribonucleotide metabolism; DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0003529	QCR10	YHR001W-A	respiration;	0.333	10
2044	S0001328	RNR3	YIL066C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0003412	RNR4	YGR180C	nucleotide metabolism; deoxyribonucleotide metabolism; DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
2045	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2046	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2047	S0001330	SEC6	YIL068C	extracellular transport, exocytosis and secretion; respiration; assembly of protein complexes;	S0003202	SEC15	YGL233W	vesicular transport ; extracellular transport, exocytosis and secretion;	0.333	10
2048	S0006395	QCR2	YPR191W	respiration;	S0000750	RIP1	YEL024W	respiration;	0.333	10

2049	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	0.333	10
2050	S0000003	EFB1	YAL003W	transport ATPases;	S0005969	CAM1	YPL048W	transport ATPases;	0.333	10
2051	S0000003	EFB1	YAL003W	translation; elongation;	S0000322	TEF2	YBR118W	translation;	0.333	10
2052	S0001283	RPB3	YIL021W	translation; elongation;	S0003676	RPB4	YJL140W	general transcription activities; stress response;	0.333	10
2053	S0001283	RPB3	YIL021W	general transcription activities;	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2054	S0001283	RPB3	YIL021W	general transcription activities;	S0002812	RPB7	YDR404C	general transcription activities; stress response;	0.333	10
2055	S0001283	RPB3	YIL021W	general transcription activities;	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2056	S0001283	RPB3	YIL021W	general transcription activities;	S0003038	RPB9	YGL070C	general transcription activities;	0.333	10
2057	S0000461	POP4	YBR257W	general transcription activities;	S0000031	POP5	YAL033W	DNA synthesis and replication; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2058	S0000461	POP4	YBR257W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000114	POP8	YBL018C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2059	S0006395	QCR2	YPR191W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing; respiration; assembly of protein complexes;	S0002937	QCR7	YDR529C	respiration; assembly of protein complexes;	0.333	10

2060	S0006395	QCR2	YPR191W	respiration; assembly of protein complexes;	S0003702	QCR8	YJL166W	respiration;	0.333	10
2061	S0006395	QCR2	YPR191W	respiration; assembly of protein complexes;	S0005591	CYT1	YOR065W	respiration;	0.333	10
2062	S0006395	QCR2	YPR191W	respiration; assembly of protein complexes;	S0003415	QCR9	YGR183C	respiration;	0.333	10
2063	S0001330	SEC6	YIL068C	extracellular transport, exocytosis and secretion; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000810	SEC3	YER008C	extracellular transport, exocytosis and secretion; budding, cell polarity and filament formation;	0.333	10
2064	S0000461	POP4	YBR257W	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0001454		YIR015W	tRNA transcription; tRNA processing;	0.333	10
2065	S0006015	SEC62	YPL094C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0000375	SEC66	YBR171W	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.333	10
2066	S0006015	SEC62	YPL094C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0004283	SEC72	YLR292C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.333	10
2067	S0001330	SEC6	YIL068C	extracellular transport, exocytosis and secretion;	S0003621		YJL085W	extracellular transport, exocytosis and secretion;	0.333	10
2068	S0001330	SEC6	YIL068C	extracellular transport, exocytosis and secretion;	S0002573	SEC5	YDR166C	extracellular transport, exocytosis and secretion;	0.333	10
2069	S0001330	SEC6	YIL068C	extracellular transport, exocytosis and secretion;	S0006259	SEC8	YPR055W	extracellular transport, exocytosis and secretion;	0.333	10
2070	S0000493	SNF5	YBR289W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0001017	SNF6	YHL025W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10

2071	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2072	S0000545	GLK1	YCL040W	C-compound, carbohydrate transport; glycolysis and gluconeogenesis; cellular import;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.333	10
2073	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2074	S0000545	GLK1	YCL040W	C-compound, carbohydrate transport; glycolysis and gluconeogenesis; cellular import;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.333	10
2075	S0001688	LOS1	YKL205W	tRNA transcription; tRNA processing; RNA transport;	S0003623	TRL1	YJL087C	tRNA transcription; tRNA processing;	0.333	10
2076	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10

2077	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2078	S0001688	LOS1	YKL205W	tRNA transcription; tRNA processing; RNA transport;	S0004095	SEN2	YLR105C	tRNA transcription; tRNA processing;	0.333	10
2079	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006224	ATP20	YPR020W	respiration;	0.333	10
2080	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002785		YDR377W	respiration; assembly of protein complexes; amino acid transport; tRNA transcription; tRNA processing;	0.333	10
2081	S0001688	LOS1	YKL205W	tRNA transcription; tRNA processing; RNA transport;	S0002206		YDL048C	tRNA transcription; tRNA processing;	0.333	10
2082	S0001688	LOS1	YKL205W	tRNA transcription; tRNA processing; RNA transport;	S0005462	TPT1	YOL102C	tRNA transcription; tRNA processing;	0.333	10
2083	S0001688	LOS1	YKL205W	tRNA transcription; tRNA processing; RNA transport;	S0002871	STP1	YDR463W	tRNA transcription; tRNA processing;	0.333	10
2084	S0003824	RPA12	YJR063W	rRNA transcription; rRNA synthesis;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2085	S0003824	RPA12	YJR063W	rRNA transcription; rRNA synthesis;	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	0.333	10



2086	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0001400	YIL138C	budding, cell polarity and filament formation;	0.333	10	
2087	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.333	10
2088	S0005629	OST2	YOR103C	protein modification;	S0004481	OST6	YML019W	protein modification;	0.333	10
2089	S0001688	LOS1	YKL205W	tRNA transcription; tRNA processing; RNA transport; proteolytic degradation;	S0004367	YLR375W	amino acid transport; tRNA transcription; tRNA processing;	0.333	10	
2090	S0005785	RPT4	YOR259C	cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2091	S0003824	RPA12	YJR063W	rRNA transcription; rRNA synthesis;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2092	S0003824	RPA12	YJR063W	rRNA transcription; rRNA synthesis;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2093	S0003824	RPA12	YJR063W	rRNA transcription; rRNA synthesis;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2094	S0003824	RPA12	YJR063W	rRNA transcription; rRNA synthesis;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2095	S0003539	OST1	YJL002C	protein modification;	S0004481	OST6	YML019W	protein modification;	0.333	10
2096	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0007247	YML081C-A	respiration;	0.333	10	

2097	S0001511	TFA1	YKL028W	general transcription activities;	S0001770	TFA2	YKR062W	general transcription activities;	0.333	10
				respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport				respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport		
2098	S0001499	ATP7	YKL016C	ATPases;	S0000243	ATP3	YBR039W	ATPases;	0.333	10
2099	S0004573	SEC65	YML105C	protein targeting, sorting and translocation;	S0006292	SRP54	YPR088C	protein targeting, sorting and translocation;	0.333	10
				proteolytic degradation; cytoplasmic and nuclear degradation;				proteolytic degradation; cytoplasmic and nuclear degradation;		
2100	S0005785	RPT4	YOR259C	mRNA processing ;	S0001069	RPN1	YHR027C	mRNA processing ;	0.333	10
2101	S0004267	YSH1	YLR277C		S0003853	FIP1	YJR093C		0.333	10
				regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;				regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;		
2102	S0000493	SNF5	YBR289W		S0002480	SNF11	YDR073W		0.333	10
				cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;				other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;		
2103	S0005707	LAS17	YOR181W		S0005023		YNL079C		0.333	10
				regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;				regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;		
2104	S0000493	SNF5	YBR289W	protein targeting, sorting and	S0003712	SWI3	YJL176C	protein targeting, sorting and	0.333	10
2105	S0004573	SEC65	YML105C	translocation;	S0006131	SRP72	YPL210C	translocation;	0.333	10
2106	S0002716	SRB7	YDR308C	general transcription activities;	S0004718	MED11	YMR112C	general transcription activities;	0.333	10
2107	S0002716	SRB7	YDR308C	general transcription activities;	S0005293	CSE2	YNR010W	general transcription activities;	0.333	10

2108	S0005958	EGD1	YPL037C	regulation of C-compound and carbohydrate utilization; protein targeting, sorting and translocation;	S0001236	EGD2	YHR193C	regulation of C-compound and carbohydrate utilization;	0.333	10
2109	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
2110	S0004564	TAF19 TAF13	YML098W	general transcription activities;	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	0.333	10
2111	S0001505	CDC16	YKL022C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002525	APC4	YDR118W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2112	S0004564	TAF19 TAF13	YML098W	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2113	S0001505	CDC16	YKL022C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005116	APC1	YNL172W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2114	S0001505	CDC16	YKL022C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004117	APC2	YLR127C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2115	S0001505	CDC16	YKL022C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004092	APC9	YLR102C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2116	S0001324	ARC15	YIL062C	cytoskeleton-dependent transport;	S0001496	ARC19	YKL013C	cytoskeleton-dependent transport;	0.333	10
2117	S0001324	ARC15	YIL062C	cytoskeleton-dependent transport;	S0005318	ARC35	YNR035C	cytoskeleton-dependent transport;	0.333	10

2118	S0004573	SEC65	YML105C	protein targeting, sorting and translocation;	S0006164	SRP68	YPL243W	protein targeting, sorting and translocation;	0.333	10
2119	S0004267	YSH1	YLR277C	mRNA processing ;	S0000041	PTA1	YAL043C	tRNA transcription; tRNA processing; mRNA processing ;	0.333	10
2120	S0004564	TAF19 TAF13	YML098W	general transcription activities;	S0000638	TSM1 TAF2	YCR042C	general transcription activities;	0.333	10
2121	S0004573	SEC65	YML105C	protein targeting, sorting and translocation;	S0002250	SRP14	YDL092W	protein targeting, sorting and translocation;	0.333	10
2122	S0004573	SEC65	YML105C	protein targeting, sorting and translocation;	S0001605	SRP21	YKL122C	protein targeting, sorting and translocation;	0.333	10
2123	S0001631	SDH1	YKL148C	tricarboxylic-acid pathway ;	S0003964	SDH2	YLL041C	tricarboxylic-acid pathway ;	0.333	10
2124	S0001631	SDH1	YKL148C	tricarboxylic-acid pathway ;	S0002585	SDH4	YDR178W	tricarboxylic-acid pathway ; respiration;	0.333	10
2125	S0000856		YER054C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	S0000935	GLC7	YER133W	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; meiosis; translational control; budding, cell polarity and filament formation;	0.333	10
2126	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	S0002100	VMA10	YHR039C-B	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	0.333	10

2127	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0006155	VMA11 TFP3	YPL234C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2128	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10

2129	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport ATPases; transport ATPases;	0.333	10
2130	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0003252	VMA7	YGR020C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2131	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2132	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10

2133	S0004264	CDC46	YLR274W	DNA synthesis and replication;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.333	10
2134	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2135	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	0.333	10
2136	S0006149	CET1	YPL228W	transport ATPases;	S0003098	CEG1	YGL130W	transport ATPases;	0.333	10
2137	S0004663	SEN15	YMR059W	mRNA processing ; tRNA transcription; tRNA processing;	S0001048		YHR006W	mRNA processing ; tRNA transcription; tRNA processing;	0.333	10
2138	S0005256	RFA2	YNL312W	DNA synthesis and replication;	S0000065	RFA1	YAR007C	DNA synthesis and replication; DNA recombination and DNA repair; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2139	S0005256	RFA2	YNL312W	DNA synthesis and replication;	S0003709	RFA3	YJL173C	DNA synthesis and replication;	0.333	10

2140	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2141	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.333	10
2142	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2143	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10



2144	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2145	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0000824	SRB4	YER022W	general transcription activities;	0.333	10
2146	S0004663	SEN15	YMR059W	tRNA transcription; tRNA processing;	S0003623	TRL1	YJL087C	tRNA transcription; tRNA processing;	0.333	10
2147	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
2148	S0004663	SEN15	YMR059W	tRNA transcription; tRNA processing;	S0004095	SEN2	YLR105C	tRNA transcription; tRNA processing;	0.333	10
2149	S0004663	SEN15	YMR059W	tRNA transcription; tRNA processing;	S0002206		YDL048C	amino acid transport; tRNA transcription; tRNA processing;	0.333	10
2150	S0004663	SEN15	YMR059W	tRNA transcription; tRNA processing;	S0005462	TPT1	YOL102C	tRNA transcription; tRNA processing;	0.333	10
2151	S0004663	SEN15	YMR059W	tRNA transcription; tRNA processing;	S0002871	STP1	YDR463W	tRNA transcription; tRNA processing;	0.333	10
2152	S0003315	GCD2	YGR083C	translation;	S0002619	GCD6	YDR211W	translation;	0.333	10

2153	S0003315	GCD2	YGR083C	translation; general transcription activities;	S0004282	GCD7	YLR291C	translation; general transcription activities;	0.333	10
2154	S0000402	TAF90 TAF5	YBR198C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0000638	TSM1 TAF2	YCR042C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2155	S0001932	CDC26	YFR036W	mRNA processing ;	S0005775	APC5	YOR249C	mRNA processing ;	0.333	10
2156	S0004665	RNA14	YMR061W	translation;	S0005776	CLP1	YOR250C	translation;	0.333	10
2157	S0005786	GCD1	YOR260W	translation;	S0003315	GCD2	YGR083C	translation;	0.333	10
2158	S0005786	GCD1	YOR260W	translation;	S0002619	GCD6	YDR211W	translation;	0.333	10
2159	S0005786	GCD1	YOR260W	translation;	S0004282	GCD7	YLR291C	translation;	0.333	10
2160	S0005786	GCD1	YOR260W	translation;	S0001734	GCN3	YKR026C	translation;	0.333	10
2161	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2162	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2163	S0004663	SEN15	YMR059W	tRNA transcription; tRNA processing;	S0004367		YLR375W	amino acid transport; tRNA transcription; tRNA processing;	0.333	10
2164	S0005969	CAM1	YPL048W	translation;	S0000322	TEF2	YBR118W	translation;	0.333	10

2165	S0001932	CDC26	YFR036W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0000180	CDC27	YBL084C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2166	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2167	S0001932	CDC26	YFR036W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002166	APC11	YDL008W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2168	S0005293	CSE2	YNR010W	general transcription activities;	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10
2169	S0005293	CSE2	YNR010W	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2170	S0004665	RNA14	YMR061W	mRNA processing ;	S0003012	RNA15	YGL044C	mRNA processing ;	0.333	10

2171	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2172	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2173	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2174	S0001932	CDC26	YFR036W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002525	APC4	YDR118W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2175	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
2176	S0001932	CDC26	YFR036W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005116	APC1	YNL172W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2177	S0001932	CDC26	YFR036W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004092	APC9	YLR102C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2178	S0005293	CSE2	YNR010W	general transcription activities;	S0003336	SRB5	YGR104C	general transcription activities;	0.333	10
2179	S0004665	RNA14	YMR061W	mRNA processing ; general transcription activities;	S0005483	HRP1	YOL123W	mRNA processing ; other mRNA-transcription activities; RNA transport;	0.333	10
2180	S0002552	TAF61 TAF12	YDR145W	general transcription activities;	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	0.333	10

2181	S0002552	TAF61	TAF12	YDR145W	general transcription activities;	S0006050	ANC1	TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2182	S0002260	CDC2		YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0006223	CDC54		YPR019W	DNA synthesis and replication;	0.333	10
2183	S0005293	CSE2		YNR010W	general transcription activities;	S0001083	SRB2		YHR041C	general transcription activities;	0.333	10
2184	S0005293	CSE2		YNR010W	general transcription activities;	S0000824	SRB4		YER022W	general transcription activities;	0.333	10
2185	S0005293	CSE2		YNR010W	general transcription activities;	S0000457	SRB6		YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10
2186	S0005226	POP3		YNL282W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0003262	POP6		YGR030C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10

2187	S0005293	CSE2	YNR010W	general transcription activities;	S0004061	RGR1	YLR071C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; general transcription activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2188	S0005226	POP3	YNL282W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000371	POP7	YBR167C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2189	S0002299	RPO21	YDL140C	general transcription activities;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2190	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
2191	S0002552	TAF61 TAF12	YDR145W	general transcription activities;	S0000638	TSM1 TAF2	YCR042C	general transcription activities;	0.333	10
2192	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA repair; DNA repair;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
2193	S0002552	TAF61 TAF12	YDR145W	general transcription activities;	S0004840	TAF67 TAF7	YMR227C	general transcription activities;	0.333	10
2194	S0002299	RPO21	YDL140C	general transcription activities;	S0005365	RPB11	YOL005C	general transcription activities;	0.333	10
2195	S0002299	RPO21	YDL140C	general transcription activities;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10

2196	S0002299	RPO21	YDL140C	general transcription activities;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2197	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
2198	S0005226	POP3	YNL282W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2199	S0005226	POP3	YNL282W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000461	POP4	YBR257W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2200	S0005226	POP3	YNL282W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000031	POP5	YAL033W	DNA synthesis and replication; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2201	S0005226	POP3	YNL282W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000114	POP8	YBL018C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2202	S0006004	SEN54	YPL083C	tRNA transcription; tRNA processing;	S0001048		YHR006W	tRNA transcription; tRNA processing;	0.333	10
2203	S0005226	POP3	YNL282W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0001454		YIR015W	tRNA transcription; tRNA processing;	0.333	10
2204	S0006004	SEN54	YPL083C	tRNA transcription; tRNA processing;	S0001688	LOS1	YKL205W	tRNA transcription; tRNA processing; RNA transport;	0.333	10
2205	S0006385	SEC23	YPR181C	vesicular transport ;	S0002129	ERP1	YAR002C-A	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2206	S0006385	SEC23	YPR181C	vesicular transport ;	S0006139	SAR1	YPL218W	vesicular transport ;	0.333	10
2207	S0006004	SEN54	YPL083C	tRNA transcription; tRNA processing;	S0003623	TRL1	YJL087C	tRNA transcription; tRNA processing;	0.333	10

2208	S0006004	SEN54	YPL083C	tRNA transcription; tRNA processing;	S0004095	SEN2	YLR105C	tRNA transcription; tRNA processing;	0.333	10
2209	S0006004	SEN54	YPL083C	tRNA transcription; tRNA processing;	S0002206		YDL048C	amino acid transport; tRNA transcription; tRNA processing;	0.333	10
2210	S0006004	SEN54	YPL083C	tRNA transcription; tRNA processing;	S0005462	TPT1	YOL102C	tRNA transcription; tRNA processing;	0.333	10
2211	S0006004	SEN54	YPL083C	tRNA transcription; tRNA processing;	S0002871	STP1	YDR463W	tRNA transcription; tRNA processing;	0.333	10
2212	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	0.333	10
2213	S0000458	TRS20	YBR254C	transport ATPases; vesicular transport ;	S0002880	TRS31	YDR472W	transport ATPases; vesicular transport ;	0.333	10
2214	S0006004	SEN54	YPL083C	tRNA transcription; tRNA processing;	S0004367		YLR375W	amino acid transport; tRNA transcription; tRNA processing;	0.333	10
2215	S0006385	SEC23	YPR181C	vesicular transport ;	S0000005	ERP2	YAL007C	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2216	S0000318	RAD16	YBR114W	DNA recombination and DNA repair; DNA repair;	S0003813	RAD7	YJR052W	DNA recombination and DNA repair; DNA repair;	0.333	10
2217	S0006385	SEC23	YPR181C	vesicular transport ;	S0000040	ERV46	YAL042W	vesicular transport ;	0.333	10
2218	S0006385	SEC23	YPR181C	vesicular transport ;	S0004473	ERV25	YML012W	vesicular transport ;	0.333	10
2219	S0004093	CDC45	YLR103C	DNA synthesis and replication;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
2220	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2221	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2222	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10



2223	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2224	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2225	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2226	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2227	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2228	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2229	S0000319	LYS2	YBR115C	amino acid biosynthesis;	S0003122	LYS5	YGL154C	amino acid biosynthesis;	0.333	10
2230	S0002885	SNF1	YDR477W	regulation of C-compound and carbohydrate utilization; stress response;	S0003083	SNF4	YGL115W	regulation of C-compound and carbohydrate utilization; stress response;	0.333	10
2231	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2232	S0005082	SRV2	YNL138W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.333	10

2233	S0005082	SRV2	YNL138W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2234	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2235	S0001111	RRP4	YHR069C	rRNA transcription; rRNA processing;	S0002688	RRP45	YDR280W	rRNA transcription; rRNA processing;	0.333	10
2236	S0003272	KSS1	YGR040W	cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins;	S0002510	STE5	YDR103W	cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2237	S0002885	SNF1	YDR477W	regulation of C-compound and carbohydrate utilization; stress response;	S0002830	SIP1	YDR422C	regulation of C-compound and carbohydrate utilization;	0.333	10
2238	S0004718	MED11	YMR112C	general transcription activities;	S0005293	CSE2	YNR010W	general transcription activities;	0.333	10
2239	S0005082	SRV2	YNL138W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
2240	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2241	S0004095	SEN2	YLR105C	tRNA transcription; tRNA processing;	S0002206		YDL048C	amino acid transport; tRNA transcription; tRNA processing;	0.333	10

2242	S0004095	SEN2	YLR105C	tRNA transcription; tRNA processing;	S0005462	TPT1	YOL102C	tRNA transcription; tRNA processing;	0.333	10
2243	S0004095	SEN2	YLR105C	tRNA transcription; tRNA processing;	S0002871	STP1	YDR463W	tRNA transcription; tRNA processing;	0.333	10
2244	S0001111	RRP4	YHR069C	rRNA transcription; rRNA processing;	S0005381	DIS3	YOL021C	rRNA transcription; rRNA processing;	0.333	10
2245	S0004095	SEN2	YLR105C	tRNA transcription; tRNA processing;	S0004367		YLR375W	amino acid transport; tRNA transcription; tRNA processing;	0.333	10
2246	S0005775	APC5	YOR249C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0000180	CDC27	YBL084C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2247	S0001111	RRP4	YHR069C	rRNA transcription; rRNA processing;	S0002269	RRP42	YDL111C	rRNA transcription; rRNA processing;	0.333	10
2248	S0001111	RRP4	YHR069C	rRNA transcription; rRNA processing;	S0003327	RRP46	YGR095C	rRNA transcription; rRNA processing;	0.333	10
2249	S0005775	APC5	YOR249C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002166	APC11	YDL008W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2250	S0000406	CDC47	YBR202W	DNA synthesis and replication;	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2251	S0005775	APC5	YOR249C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0001505	CDC16	YKL022C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2252	S0000406	CDC47	YBR202W	DNA synthesis and replication;	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2253	S0000406	CDC47	YBR202W	DNA synthesis and replication;	S0006379	DPB2	YPR175W	DNA synthesis and replication;	0.333	10
2254	S0000406	CDC47	YBR202W	DNA synthesis and replication;	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10

2255	S0000406	CDC47	YBR202W	DNA synthesis and replication;	S0003730	CDC6	YJL194W	DNA synthesis and replication; plasma membrane;	0.333	10
2256	S0005065	TOM70	YNL121C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0006433	TOM5	YPR133W-A	mitochondrial transport;	0.333	10
2257	S0005065	TOM70	YNL121C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005571	TOM6	YOR045W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
2258	S0005065	TOM70	YNL121C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005014	TOM7	YNL070W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
2259	S0005775	APC5	YOR249C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002525	APC4	YDR118W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2260	S0000406	CDC47	YBR202W	DNA synthesis and replication;	S0000482	DPB3	YBR278W	DNA synthesis and replication;	0.333	10
2261	S0000406	CDC47	YBR202W	DNA synthesis and replication;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2262	S0000406	CDC47	YBR202W	DNA synthesis and replication;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2263	S0000406	CDC47	YBR202W	DNA synthesis and replication;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10

2264	S0005775	APC5	YOR249C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005116	APC1	YNL172W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2265	S0005775	APC5	YOR249C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004117	APC2	YLR127C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2266	S0005775	APC5	YOR249C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004092	APC9	YLR102C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2267	S0005318	ARC35	YNR035C	cytoskeleton-dependent transport;	S0003826	ARP3	YJR065C	cytoskeleton-dependent transport;	0.333	10
2268	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2269	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002459	DBF4	YDR052C	DNA synthesis and replication;	0.333	10
2270	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
2271	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2272	S0000406	CDC47	YBR202W	DNA synthesis and replication;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.333	10
2273	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2274	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10
2275	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin transcription activities;	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	0.333	10
2276	S0000892	TRP2	YER090W	amino acid biosynthesis;	S0001694	TRP3	YKL211C	amino acid biosynthesis;	0.333	10
2277	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2278	S0004810	VT11	YMR197C	protein targeting, sorting and translocation; vesicular transport ;	S0001023	GOS1	YHL031C	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2279	S0003623	TRL1	YJL087C	tRNA transcription; tRNA processing;	S0004095	SEN2	YLR105C	tRNA transcription; tRNA processing;	0.333	10
2280	S0003623	TRL1	YJL087C	tRNA transcription; tRNA processing;	S0002206		YDL048C	amino acid transport; tRNA transcription; tRNA processing;	0.333	10
2281	S0003623	TRL1	YJL087C	tRNA transcription; tRNA processing;	S0005462	TPT1	YOL102C	tRNA transcription; tRNA processing;	0.333	10
2282	S0003623	TRL1	YJL087C	tRNA transcription; tRNA processing;	S0002871	STP1	YDR463W	tRNA transcription; tRNA processing;	0.333	10
2283	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2284	S0005450	MSH2	YOL090W	DNA recombination and DNA repair;	S0005026	PMS1	YNL082W	DNA recombination and DNA repair;	0.333	10
2285	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2286	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0001627	RPC25	YKL144C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2287	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005095	RPC31	YNL151C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2288	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2289	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.333	10
2290	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
2291	S0001876	LPD1	YFL018C	amino acid biosynthesis; tricarboxylic-acid pathway ;	S0001387	KGD1	YIL125W	tricarboxylic-acid pathway ;	0.333	10
2292	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
2293	S0004810	VT11	YMR197C	protein targeting, sorting and translocation; vesicular transport ;	S0000028	SNC1	YAL030W	vesicular transport ;	0.333	10
2294	S0005888	PRT1	YOR361C	translation; sporulation and germination;	S0004926	NIP1	YMR309C	translation;	0.333	10
2295	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0000638	TSM1 TAF2	YCR042C	general transcription activities;	0.333	10

2296	S0005591	CYT1	YOR065W	respiration; protein targeting, sorting and translocation; vesicular transport ;	S0003415	QCR9	YGR183C	respiration;	0.333	10
2297	S0004810	VT11	YMR197C		S0004068	BOS1	YLR078C	vesicular transport ; amino acid transport; tRNA transcription; tRNA processing;	0.333	10
2298	S0003623	TRL1	YJL087C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004367		YLR375W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2299	S0000137	PRE7	YBL041W		S0004931	PRE5	YMR314W		0.333	10
2300	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities; proteolytic degradation; cytoplasmic and nuclear degradation;	S0003684		YJL148W	rRNA transcription; rRNA synthesis; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2301	S0000137	PRE7	YBL041W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0005398	PRE6	YOL038W		0.333	10
2302	S0001160	ORC6	YHR118C		S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
2303	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.333	10
2304	S0005888	PRT1	YOR361C	translation; sporulation and germination;	S0005188	SUI1	YNL244C	translation;	0.333	10
2305	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2306	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2307	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10



2308	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2309	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2310	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2311	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2312	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2313	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2314	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2315	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2316	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2317	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.333	10
2318	S0001528	PRI2	YKL045W	DNA synthesis and replication;	S0001447	PRI1	YIR008C	DNA synthesis and replication; meiosis;	0.333	10
2319	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000545	GLK1	YCL040W	C-compound, carbohydrate transport; glycolysis and gluconeogenesis; cellular import;	0.333	10

2320	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2321	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2322	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.333	10
2323	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0003684		YJL148W	rRNA transcription; rRNA synthesis;	0.333	10
2324	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	S0002840	NPL3	YDR432W	rRNA transcription; rRNA processing; RNA transport; protein targeting, sorting and translocation; nuclear transport;	0.333	10
2325	S0004028	COX12	YLR038C	respiration; assembly of protein complexes;	S0003159	COX13	YGL191W	respiration;	0.333	10
2326	S0004028	COX12	YLR038C	respiration; assembly of protein complexes;	S0004997	COX5A	YNL052W	respiration;	0.333	10
2327	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2328	S0001876	LPD1	YFL018C	amino acid biosynthesis; tricarboxylic-acid pathway ;	S0002555	KGD2	YDR148C	tricarboxylic-acid pathway ;	0.333	10

2329	S0000824	SRB4	YER022W	general transcription activities;	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10
2330	S0000824	SRB4	YER022W	general transcription activities;	S0004061	RGR1	YLR071C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; general transcription activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2331	S0004883	RRN9	YMR270C	rRNA transcription; rRNA synthesis;	S0000121	RRN10	YBL025W	rRNA transcription; rRNA synthesis;	0.333	10
2332	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2333	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005082	SRV2	YNL138W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
2334	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000377	UMP1	YBR173C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2335	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2336	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2337	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2338	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2339	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2340	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2341	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2342	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2343	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005889	PRE10	YOR362C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2344	S0003168	EMP24	YGL200C	vesicular transport ;	S0002354	SEC31	YDL195W	vesicular transport ; assembly of protein complexes; vesicular transport ;	0.333	10
2345	S0003168	EMP24	YGL200C	vesicular transport ;	S0006006	SEC16	YPL085W	vesicular transport ;	0.333	10
2346	S0003168	EMP24	YGL200C	vesicular transport ;	S0006385	SEC23	YPR181C	vesicular transport ;	0.333	10
2347	S0003168	EMP24	YGL200C	vesicular transport ;	S0006139	SAR1	YPL218W	vesicular transport ;	0.333	10
2348	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10

2349	S0006155	VMA11	TFP3	YPL234C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10	
2350	S0006155	VMA11	TFP3	YPL234C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0002344	VMA1	TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport ATPases; transport ATPases;	0.333	10
2351	S0000896	PUP3		YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003367	PRE9		YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2352	S0000896	PUP3		YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004931	PRE5		YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2353	S0006155	VMA11	TFP3	YPL234C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2354	S0004530	ORC1		YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0006379	DPB2	YPR175W	DNA synthesis and replication;	0.333	10
2355	S0004530	ORC1		YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
2356	S0004530	ORC1		YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	0.333	10
2357	S0005787	RPN8		YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2358	S0004530	ORC1		YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000482	DPB3	YBR278W	DNA synthesis and replication;	0.333	10
2359	S0004530	ORC1		YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000264	ORC2	RRR1 YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10

2360	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2361	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2362	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2363	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003485	PUP2	YGR253C	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.333	10
2364	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002459	DBF4	YDR052C	DNA synthesis and replication;	0.333	10
2365	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
2366	S0002646	SEC26	YDR238C	vesicular transport ;	S0003105	SEC27	YGL137W	vesicular transport ;	0.333	10
2367	S0002646	SEC26	YDR238C	vesicular transport ;	S0005931	RET3	YPL010W	vesicular transport ;	0.333	10
2368	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10
2369	S0004645	ARG1 ARG8	YMR042W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	S0004565	ARGR2	YML099C	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	0.333	10

2370	S0005300	MAS6	YNR017W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0003679	TIM17	YJL143W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
2371	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.333	10
2372	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
2373	S0006155	VMA11	TFP3 YPL234C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2374	S0006155	VMA11	TFP3 YPL234C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2375	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10



2376	S0004565	ARGR2	YML099C	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	S0002580		YDR173C	regulation of amino acid metabolism; sporulation and germination;	0.333	10
2377	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
2378	S0000131	POL12	YBL035C	DNA synthesis and replication;	S0005046	POL1	YNL102W	DNA synthesis and replication;	0.333	10
2379	S0002796	RVS167	YDR388W	budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
2380	S0003854	IME1	YJR094C	meiosis; sporulation and germination;	S0002615	UME6	YDR207C	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; regulation of lipid, fatty-acid and isoprenoid metabolism; meiosis;	0.333	10
2381	S0003174	CHC1	YGL206C	protein targeting, sorting and translocation; cellular import;	S0003399	CLC1	YGR167W	vesicular transport ; cellular import; cell growth / morphogenesis;	0.333	10
2382	S0006006	SEC16	YPL085W	assembly of protein complexes; vesicular transport ;	S0006385	SEC23	YPR181C	vesicular transport ;	0.333	10
2383	S0006006	SEC16	YPL085W	assembly of protein complexes; vesicular transport ;	S0002129	ERP1	YAR002C-A	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2384	S0006006	SEC16	YPL085W	assembly of protein complexes; vesicular transport ;	S0006139	SAR1	YPL218W	vesicular transport ;	0.333	10
2385	S0000131	POL12	YBL035C	DNA synthesis and replication;	S0001528	PRI2	YKL045W	DNA synthesis and replication;	0.333	10
2386	S0000131	POL12	YBL035C	DNA synthesis and replication;	S0001447	PRI1	YIR008C	DNA synthesis and replication; meiosis;	0.333	10

				regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;							
2387	S0004645	RGR1 ARG8	YMR042W		S0002580		YDR173C	regulation of amino acid metabolism; sporulation and germination;	0.333	10	
2388	S0004542	BET5	YML077W	vesicular transport ;	S0002815	TRS120	YDR407C	vesicular transport ;	0.333	10	
2389	S0004542	BET5	YML077W	vesicular transport ;	S0004831	TRS130	YMR218C	vesicular transport ;	0.333	10	
				DNA restriction or modification; chromatin modification;				DNA restriction or modification; chromatin modification;			
2390	S0001933	RSC8	YFR037C		S0001388	STH1	YIL126W		0.333	10	
				DNA restriction or modification; chromatin modification;				DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;			
2391	S0001933	RSC8	YFR037C		S0001716	RSC4	YKR008W		0.333	10	
				assembly of protein complexes; vesicular transport ;				protein targeting, sorting and translocation; vesicular transport ;			
2392	S0006006	SEC16	YPL085W		S0000005	ERP2	YAL007C		0.333	10	
				vesicular transport ;				meiosis; vesicular transport ; sporulation and germination;			
2393	S0004542	BET5	YML077W		S0002515	GSG1	YDR108W		0.333	10	
2394	S0004542	BET5	YML077W	vesicular transport ;	S0000458	TRS20	YBR254C	vesicular transport ;	0.333	10	
2395	S0002391	OST4	YDL232W	protein modification;	S0004757	SWP1	YMR149W	protein modification;	0.333	10	
2396	S0004542	BET5	YML077W	vesicular transport ;	S0002880	TRS31	YDR472W	vesicular transport ;	0.333	10	
2397	S0004542	BET5	YML077W	vesicular transport ;	S0005641	TRS33	YOR115C	vesicular transport ;	0.333	10	
2398	S0002391	OST4	YDL232W	protein modification;	S0002990	STT3	YGL022W	protein modification;	0.333	10	
				DNA restriction or modification; chromatin modification;				DNA restriction or modification; chromatin modification;			
2399	S0001933	RSC8	YFR037C		S0000648	RSC6	YCR052W		0.333	10	
				DNA restriction or modification; chromatin modification;				DNA restriction or modification; chromatin modification;			
2400	S0001933	RSC8	YFR037C		S0003288	RSC1	YGR056W		0.333	10	
				DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;				DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;			
2401	S0001933	RSC8	YFR037C		S0004349	RSC2	YLR357W		0.333	10	
				DNA restriction or modification; chromatin modification;				DNA restriction or modification; chromatin modification;			
2402	S0001933	RSC8	YFR037C		S0005739	SAS5	YOR213C		0.333	10	

				lipid, fatty-acid and isoprenoid utilization; other protein-synthesis activities;				lipid, fatty-acid and isoprenoid utilization; protein		
2403	S0002198	NAT1	YDL040C	protein modification;	S0001055	ARD1	YHR013C	modification;	0.333	10
2404	S0002391	OST4	YDL232W	protein modification;	S0003194	OST5	YGL226C-A	protein modification;	0.333	10
2405	S0002391	OST4	YDL232W	protein modification;	S0000728	WBP1	YEL002C	protein modification;	0.333	10
								regulation of C-compound and carbohydrate utilization;		
2406	S0004542	BET5	YML077W	vesicular transport ; assembly of protein complexes; vesicular transport ;	S0003398	KRE11	YGR166W	vesicular transport ;	0.333	10
2407	S0006006	SEC16	YPL085W		S0000040	ERV46	YAL042W	vesicular transport ;	0.333	10
				DNA restriction or modification; chromatin modification;				DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;		
2408	S0001933	RSC8	YFR037C		S0004313	SFH1	YLR321C		0.333	10
				protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;				protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;		
2409	S0004370	SEC61	YLR378C		S0002493	SSS1	YDR086C		0.333	10
								protein targeting, sorting and translocation; vesicular transport ;		
2410	S0005231	SEC21	YNL287W	vesicular transport ;	S0001338	SEC28	YIL076W		0.333	10
2411	S0005231	SEC21	YNL287W	vesicular transport ;	S0003105	SEC27	YGL137W	vesicular transport ;	0.333	10
2412	S0002391	OST4	YDL232W	protein modification;	S0005629	OST2	YOR103C	protein modification;	0.333	10
2413	S0002391	OST4	YDL232W	protein modification;	S0005611	OST3	YOR085W	protein modification;	0.333	10
2414	S0002391	OST4	YDL232W	protein modification;	S0004481	OST6	YML019W	protein modification;	0.333	10
				assembly of protein complexes; vesicular transport ;						
2415	S0006006	SEC16	YPL085W		S0004473	ERV25	YML012W	vesicular transport ;	0.333	10

2416	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0000638	TSM1 TAF2	YCR042C	general transcription activities;	0.333	10
2417	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2418	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0000493	SNF5	YBR289W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2419	S0005231	SEC21	YNL287W	vesicular transport ;	S0005931	RET3	YPL010W	vesicular transport ;	0.333	10
2420	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0003336	SRB5	YGR104C	general transcription activities;	0.333	10

2421	S0000482	DPB3	YBR278W	DNA synthesis and replication;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2422	S0000482	DPB3	YBR278W	DNA synthesis and replication;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2423	S0000482	DPB3	YBR278W	DNA synthesis and replication;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2424	S0003159	COX13	YGL191W	respiration;	S0001093	COX6	YHR051W	respiration;	0.333	10
2425	S0003159	COX13	YGL191W	respiration;	S0004869	COX7	YMR256C	respiration; assembly of protein complexes;	0.333	10
2426	S0003159	COX13	YGL191W	respiration;	S0004387	COX8	YLR395C	respiration;	0.333	10
2427	S0003159	COX13	YGL191W	respiration;	S0002225	COX9	YDL067C	respiration; assembly of protein complexes;	0.333	10
2428	S0000482	DPB3	YBR278W	DNA synthesis and replication;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
2429	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0001083	SRB2	YHR041C	general transcription activities;	0.333	10

2430	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0000824	SRB4	YER022W	general transcription activities;	0.333	10
2431	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10
2432	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0004061	RGR1	YLR071C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; general transcription activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2433	S0002525	APC4	YDR118W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005116	APC1	YNL172W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2434	S0002525	APC4	YDR118W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004117	APC2	YLR127C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2435	S0002525	APC4	YDR118W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; DNA synthesis and replication;	S0004092	APC9	YLR102C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; DNA synthesis and replication;	0.333	10
2436	S0000482	DPB3	YBR278W		S0006223	CDC54	YPR019W		0.333	10
2437	S0001490	CAP1	YKL007W	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001400		YIL138C	budding, cell polarity and filament formation;	0.333	10
2438	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2439	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2440	S0001490	CAP1	YKL007W	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation; DNA synthesis and replication;	0.333	10
2441	S0000482	DPB3	YBR278W	DNA synthesis and replication;	S0003169	MCM6	YGL201C		0.333	10

2442	S0000482	DPB3	YBR278W	DNA synthesis and replication;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
2443	S0003529	QCR10	YHR001W-A	respiration;	S0000750	RIP1	YEL024W	respiration;	0.333	10
2444	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2445	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0002480	SNF11	YDR073W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2446	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0003712	SWI3	YJL176C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2447	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0005937	SWI1	YPL016W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10



2448	S0006050	ANC1	TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; DNA synthesis and replication;	S0003418	TFG1	YGR186W	general transcription activities;	0.333	10
2449	S0000482	DPB3	YBR278W			S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
2450	S0003529	QCR10	YHR001W-A		respiration;	S0002937	QCR7	YDR529C	respiration; assembly of protein complexes;	0.333	10
2451	S0003529	QCR10	YHR001W-A		respiration;	S0003702	QCR8	YJL166W	respiration;	0.333	10
2452	S0003529	QCR10	YHR001W-A		respiration;	S0005591	CYT1	YOR065W	respiration;	0.333	10
2453	S0006050	ANC1	TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0005180	SIN4	YNL236W	regulation of amino acid metabolism; regulation of C- compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10
2454	S0003529	QCR10	YHR001W-A		respiration;	S0003415	QCR9	YGR183C	respiration;	0.333	10
2455	S0001490	CAP1	YKL007W		budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.333	10
2456	S0003621		YJL085W		extracellular transport, exocytosis and secretion;	S0002573	SEC5	YDR166C	extracellular transport, exocytosis and secretion;	0.333	10
2457	S0003621		YJL085W		extracellular transport, exocytosis and secretion;	S0006259	SEC8	YPR055W	extracellular transport, exocytosis and secretion;	0.333	10
2458	S0003493	APL6	YGR261C		cellular import;	S0003561	APS3	YJL024C	cellular import;	0.333	10

2459	S0005462	TPT1	YOL102C	tRNA transcription; tRNA processing;	S0002871	STP1	YDR463W	tRNA transcription; tRNA processing;	0.333	10
2460	S0001490	CAP1	YKL007W	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
2461	S0003209	DOC1	YGL240W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005775	APC5	YOR249C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2462	S0005462	TPT1	YOL102C	tRNA transcription; tRNA processing;	S0004367		YLR375W	amino acid transport; tRNA transcription; tRNA processing;	0.333	10
2463	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2464	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0002459	DBF4	YDR052C	DNA synthesis and replication;	0.333	10
2465	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
2466	S0003209	DOC1	YGL240W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0000180	CDC27	YBL084C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2467	S0003562	RRN7	YJL025W	rRNA transcription; rRNA synthesis;	S0000110	RRN6	YBL014C	rRNA transcription; rRNA synthesis;	0.333	10
2468	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10

2469	S0003209	DOC1	YGL240W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002166	APC11	YDL008W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2470	S0000066	SEN34	YAR008W	tRNA transcription; tRNA processing;	S0006004	SEN54	YPL083C	tRNA transcription; tRNA processing;	0.333	10
2471	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.333	10
2472	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
2473	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
2474	S0003209	DOC1	YGL240W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002525	APC4	YDR118W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2475	S0000114	POP8	YBL018C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0001454		YIR015W	tRNA transcription; tRNA processing;	0.333	10
2476	S0003209	DOC1	YGL240W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005116	APC1	YNL172W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2477	S0003209	DOC1	YGL240W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004117	APC2	YLR127C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2478	S0003209	DOC1	YGL240W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004092	APC9	YLR102C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2479	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
2480	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2481	S0005286	RPC34	YNR003C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2482	S0003252	VMA7	YGR020C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2483	S0007256		YEL020W-A	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	S0002376	TIM22	YDL217C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
2484	S0001209	CDC23	YHR166C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; cytoskeleton; general transcription activities;	S0005775	APC5	YOR249C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; general transcription activities;	0.333	10
2485	S0005677	RPB2	YOR151C		S0002299	RPO21	YDL140C		0.333	10

2486	S0005677	RPB2	YOR151C	general transcription activities;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2487	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2488	S0003252	VMA7	YGR020C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2489	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2490	S0002719	TFB1	YDR311W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0006043		YPL122C	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10

2491	S0002480	SNF11	YDR073W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; general transcription activities;	S0003712	SWI3	YJL176C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; general transcription activities;	0.333	10
2492	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	S0000402	TAF90 TAF5	YBR198C	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; general transcription activities;	0.333	10
2493	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2494	S0005677	RPB2	YOR151C	general transcription activities;	S0005365	RPB11	YOL005C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2495	S0005677	RPB2	YOR151C	general transcription activities;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2496	S0005677	RPB2	YOR151C	general transcription activities;	S0001185	RPC10	YHR143W-A	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	0.333	10
2497	S0003252	VMA7	YGR020C	transport ATPases;	S0000753	CUP5	YEL027W	transport ATPases;	0.333	10

2498	S0002693	ZIP1	YDR285W	meiosis;	S0004253	RED1	YLR263W	DNA recombination and DNA repair; meiosis; nucleus; organization of chromosome structure;	0.333	10
2499	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2500	S0007256		YEL020W-A	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	S0000295	MRS5 TIM12	YBR091C	protein targeting, sorting and translocation; mitochondrial transport; mitochondrion;	0.333	10
2501	S0002719	TFB1	YDR311W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
2502	S0002719	TFB1	YDR311W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0001405	SSL2	YIL143C	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
2503	S0001929	QCR6	YFR033C	respiration;	S0000141	COR1	YBL045C	respiration;	0.333	10
2504	S0001209	CDC23	YHR166C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; cytoskeleton; general transcription activities;	S0002166	APC11	YDL008W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; general transcription activities;	0.333	10
2505	S0003080	TAF60 TAF6	YGL112C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; cytoskeleton; general transcription activities;	S0000638	TSM1 TAF2	YCR042C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; general transcription activities;	0.333	10

2506	S0003252	VMA7	YGR020C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2507	S0003252	VMA7	YGR020C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2508	S0005780	SEC63	YOR254C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0006015	SEC62	YPL094C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.333	10
2509	S0005780	SEC63	YOR254C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0000375	SEC66	YBR171W	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.333	10
2510	S0005780	SEC63	YOR254C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0004283	SEC72	YLR292C	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.333	10
2511	S0002719	TFB1	YDR311W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0003995	SSL1	YLR005W	DNA recombination and DNA repair; DNA repair; general transcription activities; translation;	0.333	10



2512	S0001209	CDC23	YHR166C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; cytoskeleton;	S0002525	APC4	YDR118W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2513	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	0.333	10
2514	S0001209	CDC23	YHR166C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; cytoskeleton;	S0005116	APC1	YNL172W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2515	S0001209	CDC23	YHR166C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; cytoskeleton;	S0004117	APC2	YLR127C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2516	S0001209	CDC23	YHR166C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; cytoskeleton;	S0004092	APC9	YLR102C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2517	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	0.333	10
2518	S0002719	TFB1	YDR311W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002266	KIN28	YDL108W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
2519	S0002719	TFB1	YDR311W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002868	TFB3	YDR460W	DNA recombination and DNA repair; DNA repair; general transcription activities; assembly of protein complexes;	0.333	10
2520	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	0.333	10
2521	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	0.333	10
2522	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.333	10

2523	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	0.333	10
2524	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2525	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2526	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2527	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2528	S0001093	COX6	YHR051W	respiration;	S0004869	COX7	YMR256C	respiration; assembly of protein complexes;	0.333	10
2529	S0001093	COX6	YHR051W	respiration;	S0004387	COX8	YLR395C	respiration;	0.333	10
2530	S0001093	COX6	YHR051W	respiration;	S0002225	COX9	YDL067C	respiration; assembly of protein complexes;	0.333	10
2531	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	0.333	10
2532	S0004258	SEC22	YLR268W	vesicular transport ;	S0004810	VT11	YMR197C	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2533	S0002719	TFB1	YDR311W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0006260	TFB4	YPR056W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
2534	S0002719	TFB1	YDR311W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0003490	RAD2	YGR258C	DNA recombination and DNA repair; DNA repair; meiosis;	0.333	10
2535	S0004715	MYO5	YMR109W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0000376	SMY2	YBR172C	cytoskeleton-dependent transport;	0.333	10

2536	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	S0003684		YJL148W	rRNA transcription; rRNA synthesis;	0.333	10
2537	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2538	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10
2539	S0004852	RNT1	YMR239C	rRNA transcription; rRNA processing;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.333	10
2540	S0004718	MED11	YMR112C	general transcription activities;	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10
2541	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2542	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2543	S0004718	MED11	YMR112C	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10

2544	S0002166	APC11	YDL008W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0001505	CDC16	YKL022C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2545	S0001929	QCR6	YFR033C	respiration;	S0006395	QCR2	YPR191W	respiration; assembly of protein complexes;	0.333	10
2546	S0004258	SEC22	YLR268W	vesicular transport ;	S0000028	SNC1	YAL030W	vesicular transport ;	0.333	10
2547	S0001929	QCR6	YFR033C	respiration;	S0003529	QCR10	YHR001W-A	respiration;	0.333	10
2548	S0004258	SEC22	YLR268W	vesicular transport ;	S0004068	BOS1	YLR078C	vesicular transport ;	0.333	10
2549	S0000019	CCR4	YAL021C	regulation of amino acid metabolism; regulation of C- compound and carbohydrate utilization;	S0005335	POP2	YNR052C	regulation of C-compound and carbohydrate utilization; sporulation and germination;	0.333	10
2550	S0004718	MED11	YMR112C	general transcription activities;	S0003336	SRB5	YGR104C	general transcription activities;	0.333	10
2551	S0002166	APC11	YDL008W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002525	APC4	YDR118W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2552	S0002166	APC11	YDL008W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005116	APC1	YNL172W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2553	S0002166	APC11	YDL008W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004117	APC2	YLR127C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2554	S0002166	APC11	YDL008W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004092	APC9	YLR102C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2555	S0004131	RRN5	YLR141W	rRNA transcription; rRNA synthesis;	S0004883	RRN9	YMR270C	rRNA transcription; rRNA synthesis;	0.333	10
2556	S0001929	QCR6	YFR033C	respiration;	S0000750	RIP1	YEL024W	respiration;	0.333	10
2557	S0006169	GAL4	YPL248C	regulation of C-compound and carbohydrate utilization; general transcription activities;	S0004515		YML051W	regulation of C-compound and carbohydrate utilization; general transcription activities;	0.333	10
2558	S0004718	MED11	YMR112C	general transcription activities;	S0001083	SRB2	YHR041C	general transcription activities;	0.333	10
2559	S0004718	MED11	YMR112C	general transcription activities;	S0000824	SRB4	YER022W	general transcription activities;	0.333	10

2560	S0004718	MED11	YMR112C	general transcription activities;	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10
2561	S0004718	MED11	YMR112C	general transcription activities;	S0004061	RGR1	YLR071C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; general transcription activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2562	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2563	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2564	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2565	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2566	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2567	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2568	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2569	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2570	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2571	S0001929	QCR6	YFR033C	respiration;	S0002937	QCR7	YDR529C	respiration; assembly of protein complexes;	0.333	10
2572	S0001929	QCR6	YFR033C	respiration;	S0003702	QCR8	YJL166W	respiration;	0.333	10
2573	S0001929	QCR6	YFR033C	respiration;	S0005591	CYT1	YOR065W	respiration;	0.333	10
2574	S0006169	GAL4	YPL248C	regulation of C-compound and carbohydrate utilization;	S0002416		YDR009W	regulation of C-compound and carbohydrate utilization;	0.333	10
2575	S0001929	QCR6	YFR033C	respiration;	S0003415	QCR9	YGR183C	respiration;	0.333	10
2576	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004658	STV1	YMR054W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2577	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.333	10
2578	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2579	S0000750	RIP1	YEL024W	respiration;	S0002937	QCR7	YDR529C	respiration; assembly of protein complexes;	0.333	10
2580	S0000750	RIP1	YEL024W	respiration;	S0003702	QCR8	YJL166W	respiration;	0.333	10
2581	S0000750	RIP1	YEL024W	respiration;	S0005591	CYT1	YOR065W	respiration;	0.333	10

2582	S0002736	SKP1	YDR328C	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0003850	GRR1	YJR090C	regulation of C-compound and carbohydrate utilization; cellular import; stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
2583	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.333	10
2584	S0000750	RIP1	YEL024W	respiration;	S0003415	QCR9	YGR183C	respiration;	0.333	10
2585	S0002636	PCF11	YDR228C	mRNA processing ;	S0004665	RNA14	YMR061W	mRNA processing ;	0.333	10
2586	S0002636	PCF11	YDR228C	mRNA processing ;	S0005776	CLP1	YOR250C	mRNA processing ;	0.333	10
2587	S0000180	CDC27	YBL084C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002166	APC11	YDL008W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2588	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2589	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	0.333	10
2590	S0004131	RRN5	YLR141W	rRNA transcription; rRNA synthesis;	S0000121	RRN10	YBL025W	rRNA transcription; rRNA synthesis;	0.333	10
2591	S0004156	SEC10	YLR166C	extracellular transport, exocytosis and secretion;	S0001330	SEC6	YIL068C	extracellular transport, exocytosis and secretion;	0.333	10
2592	S0000180	CDC27	YBL084C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002525	APC4	YDR118W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2593	S0000180	CDC27	YBL084C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005116	APC1	YNL172W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2594	S0000180	CDC27	YBL084C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004117	APC2	YLR127C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2595	S0000180	CDC27	YBL084C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004092	APC9	YLR102C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2596	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2597	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10
2598	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0005231	SEC21	YNL287W	vesicular transport ;	0.333	10
2599	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0001338	SEC28	YIL076W	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2600	S0002736	SKP1	YDR328C	regulation of amino acid metabolism; regulation of C- compound and carbohydrate utilization; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002290	CDC53	YDL132W	regulation of amino acid metabolism; regulation of C- compound and carbohydrate utilization; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2601	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0002646	SEC26	YDR238C	vesicular transport ;	0.333	10
2602	S0002636	PCF11	YDR228C	mRNA processing ;	S0003012	RNA15	YGL044C	mRNA processing ;	0.333	10
2603	S0004156	SEC10	YLR166C	extracellular transport, exocytosis and secretion;	S0003202	SEC15	YGL233W	vesicular transport ; extracellular transport, exocytosis and secretion;	0.333	10
2604	S0005720	TOA1	YOR194C	general transcription activities;	S0001541	TOA2	YKL058W	general transcription activities;	0.333	10
2605	S0002636	PCF11	YDR228C	mRNA processing ;	S0005483	HRP1	YOL123W	mRNA processing ; other mRNA-transcription activities; RNA transport;	0.333	10



2606	S0004156	SEC10	YLR166C	extracellular transport, exocytosis and secretion;	S0000810	SEC3	YER008C	extracellular transport, exocytosis and secretion; budding, cell polarity and filament formation;	0.333	10
2607	S0004658	STV1	YMR054W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2608	S0004658	STV1	YMR054W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport ATPases; transport ATPases;	0.333	10
2609	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10

2610	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	0.333	10
2611	S0004156	SEC10	YLR166C	extracellular transport, exocytosis and secretion;	S0003621		YJL085W	extracellular transport, exocytosis and secretion;	0.333	10
2612	S0004156	SEC10	YLR166C	extracellular transport, exocytosis and secretion;	S0002573	SEC5	YDR166C	extracellular transport, exocytosis and secretion;	0.333	10
2613	S0004156	SEC10	YLR166C	extracellular transport, exocytosis and secretion;	S0006259	SEC8	YPR055W	extracellular transport, exocytosis and secretion;	0.333	10
2614	S0004658	STV1	YMR054W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2615	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2616	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	0.333	10
2617	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005365	RPB11	YOL005C	general transcription activities;	0.333	10

2618	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2619	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2620	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2621	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2622	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0001627	RPC25	YKL144C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2623	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005095	RPC31	YNL151C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2624	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10

2625	S0004658	STV1	YMR054W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2626	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0003684		YJL148W	rRNA transcription; rRNA synthesis;	0.333	10
2627	S0001338	SEC28	YIL076W	protein targeting, sorting and translocation; vesicular transport ;	S0002646	SEC26	YDR238C	vesicular transport ;	0.333	10
2628	S0001338	SEC28	YIL076W	protein targeting, sorting and translocation; vesicular transport ;	S0003105	SEC27	YGL137W	vesicular transport ;	0.333	10
2629	S0004658	STV1	YMR054W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2630	S0002688	RRP45	YDR280W	rRNA transcription; rRNA processing;	S0005381	DIS3	YOL021C	rRNA transcription; rRNA processing;	0.333	10

2631	S0004354	STE11	YLR362W	cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; pheromone response; osmosensing; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; protein targeting, sorting and translocation; vesicular transport ;	S0002510	STE5	YDR103W	cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2632	S0001338	SEC28	YIL076W	transport ;	S0005931	RET3	YPL010W	vesicular transport ;	0.333	10
2633	S0004387	COX8	YLR395C	respiration;	S0002225	COX9	YDL067C	respiration; assembly of protein complexes;	0.333	10
2634	S0002688	RRP45	YDR280W	rRNA transcription; rRNA processing;	S0002269	RRP42	YDL111C	rRNA transcription; rRNA processing;	0.333	10
2635	S0002688	RRP45	YDR280W	rRNA transcription; rRNA processing;	S0003327	RRP46	YGR095C	rRNA transcription; rRNA processing;	0.333	10
2636	S0004658	STV1	YMR054W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2637	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	0.333	10

2638	S0003882	ATP2	YJR121W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	0.333	10
2639	S0003882	ATP2	YJR121W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2640	S0001618	APL2	YKL135C	assembly of protein complexes; cellular import; protein targeting, sorting and translocation; vesicular transport ;	S0006233	APL4	YPR029C	assembly of protein complexes; cellular import;	0.333	10
2641	S0005854	SNC2	YOR327C	assembly of protein complexes; cellular import; protein targeting, sorting and translocation; vesicular transport ;	S0004258	SEC22	YLR268W	vesicular transport ;	0.333	10
2642	S0003882	ATP2	YJR121W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2643	S0003882	ATP2	YJR121W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10

2644	S0002716	SRB7	YDR308C	general transcription activities;	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10
				respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport				respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport		
2645	S0003882	ATP2	YJR121W	ATPases;	S0004286	ATP14	YLR295C	ATPases;	0.333	10
				respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport				respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport		
2646	S0003882	ATP2	YJR121W	ATPases;	S0006192	ATP15	YPL271W	ATPases;	0.333	10
2647	S0002716	SRB7	YDR308C	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
				respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport						
2648	S0003882	ATP2	YJR121W	ATPases;	S0006224	ATP20	YPR020W	respiration;	0.333	10

				respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport					
2649	S0003882	ATP2	YJR121W	ATPases; protein targeting, sorting and translocation; vesicular transport ;	S0002785	YDR377W	respiration; assembly of protein complexes; protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2650	S0005854	SNC2	YOR327C		S0004810	VT11	YMR197C	0.333	10
2651	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0001185	RPC10	YHR143W-A	0.333	10
2652	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0001627	RPC25	YKL144C	0.333	10
2653	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005095	RPC31	YNL151C	0.333	10
2654	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0006314	RPC40	YPR110C	0.333	10
2655	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0005707	LAS17	YOR181W	0.333	10
2656	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0001490	CAP1	YKL007W	0.333	10



2657	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2658	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation; general transcription activities;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; general transcription activities;	0.333	10
2659	S0002716	SRB7	YDR308C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0003336	SRB5	YGR104C	rRNA transcription; rRNA synthesis;	0.333	10
2660	S0005057	RPC19	YNL113W	nucleotide metabolism; polynucleotide degradation; mRNA processing ; splicing;	S0003684		YJL148W	nucleotide metabolism; polynucleotide degradation; rRNA transcription; rRNA processing; mRNA processing ; splicing; other transcription activities; translational control;	0.333	10
2661	S0004900	MSU1	YMR287C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0001400		YIL138C	budding, cell polarity and filament formation;	0.333	10
2662	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.333	10
2663	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;						

2664	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
2665	S0003882	ATP2	YJR121W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0007247		YML081C-A	respiration;	0.333	10
2666	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0000545	GLK1	YCL040W	C-compound, carbohydrate transport; glycolysis and gluconeogenesis; cellular import;	0.333	10
2667	S0003882	ATP2	YJR121W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000243	ATP3	YBR039W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2668	S0002716	SRB7	YDR308C	general transcription activities;	S0001083	SRB2	YHR041C	general transcription activities;	0.333	10
2669	S0002716	SRB7	YDR308C	general transcription activities;	S0000824	SRB4	YER022W	general transcription activities;	0.333	10
2670	S0002716	SRB7	YDR308C	general transcription activities;	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.333	10

2671	S0002716	SRB7	YDR308C	general transcription activities;	S0004061	RGR1	YLR071C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; general transcription activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; RNA transport; nuclear transport;	0.333	10
2672	S0001898	NIC96	YFR002W	nuclear transport;	S0003140	NUP49	YGL172W	transport;	0.333	10
2673	S0001898	NIC96	YFR002W	nuclear transport;	S0003351	NUP57	YGR119C	nuclear transport;	0.333	10
2674	S0005854	SNC2	YOR327C	protein targeting, sorting and translocation; vesicular transport ;	S0004068	BOS1	YLR078C	vesicular transport ; respiration; assembly of protein complexes;	0.333	10
2675	S0000141	COR1	YBL045C	respiration;	S0006395	QCR2	YPR191W	protein complexes;	0.333	10
2676	S0000141	COR1	YBL045C	respiration;	S0003529	QCR10	YHR001W-A	respiration;	0.333	10
2677	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10
2678	S0001898	NIC96	YFR002W	nuclear transport;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.333	10
2679	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.333	10
2680	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0005082	SRV2	YNL138W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.333	10

2681	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.333	10
2682	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	S0002162	ATP16	YDL004W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2683	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.333	10
2684	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2685	S0000141	COR1	YBL045C	respiration;	S0000750	RIP1	YEL024W	respiration;	0.333	10
2686	S0003194	OST5	YGL226C-A	protein modification;	S0004481	OST6	YML019W	protein modification;	0.333	10
2687	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	0.333	10
2688	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10

2689	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2690	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2691	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2692	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
2693	S0000141	COR1	YBL045C	respiration;	S0002937	QCR7	YDR529C	respiration; assembly of protein complexes;	0.333	10
2694	S0000141	COR1	YBL045C	respiration;	S0003702	QCR8	YJL166W	respiration;	0.333	10
2695	S0000141	COR1	YBL045C	respiration;	S0005591	CYT1	YOR065W	respiration;	0.333	10
2696	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10

2697	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2698	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	S0006224	ATP20	YPR020W	respiration;	0.333	10
2699	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	S0002785		YDR377W	respiration; assembly of protein complexes;	0.333	10
2700	S0000425	PDB1	YBR221C	glycolysis and gluconeogenesis;	S0005015	LAT1	YNL071W	glycolysis and gluconeogenesis;	0.333	10
2701	S0000141	COR1	YBL045C	respiration;	S0003415	QCR9	YGR183C	respiration;	0.333	10
2702	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000406	CDC47	YBR202W	DNA synthesis and replication;	0.333	10
2703	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0000638	TSM1 TAF2	YCR042C	general transcription activities;	0.333	10
2704	S0005075	TOM22	YNL131W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0004816	TOM40	YMR203W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
2705	S0005075	TOM22	YNL131W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005065	TOM70	YNL121C	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
2706	S0005075	TOM22	YNL131W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0001159	TOM72	YHR117W	mitochondrial transport;	0.333	10

2707	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0006366	ORC4	YPR162C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2708	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0004530	ORC1	YML065W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2709	S0002812	RPB7	YDR404C	general transcription activities; stress response;	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2710	S0002812	RPB7	YDR404C	general transcription activities; stress response;	S0003038	RPB9	YGL070C	general transcription activities;	0.333	10
2711	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0006379	DPB2	YPR175W	DNA synthesis and replication;	0.333	10
2712	S0000425	PDB1	YBR221C	glycolysis and gluconeogenesis;	S0003425	PDX1	YGR193C	glycolysis and gluconeogenesis;	0.333	10
2713	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	S0007247		YML081C-A	respiration;	0.333	10
2714	S0007255		YDR322C-A	respiration; assembly of protein complexes; mitochondrial transport; other transport facilitators;	S0000243	ATP3	YBR039W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2715	S0004477	TAF40 TAF11	YML015C	general transcription activities;	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	0.333	10
2716	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000482	DPB3	YBR278W	DNA synthesis and replication;	0.333	10

2717	S0004477	TAF40 TAF11	YML015C	general transcription activities;	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	0.333	10
2718	S0004477	TAF40 TAF11	YML015C	general transcription activities;	S0002552	TAF61 TAF11	YDR145W	general transcription activities;	0.333	10
2719	S0004477	TAF40 TAF11	YML015C	general transcription activities;	S0004840	TAF67 TAF7	YMR227C	general transcription activities;	0.333	10
2720	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2721	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2722	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2723	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
2724	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000461	POP4	YBR257W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2725	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000031	POP5	YAL033W	DNA synthesis and replication; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2726	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000114	POP8	YBL018C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10



2727	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0004917	YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10	
2728	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA processing;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.333	10
2729	S0002709	CFT1	YDR301W	mRNA processing ;	S0004267	YSH1	YLR277C	mRNA processing ;	0.333	10
2730	S0005075	TOM22	YNL131W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0006433	TOM5	YPR133W-A	mitochondrial transport;	0.333	10
2731	S0005075	TOM22	YNL131W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005571	TOM6	YOR045W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
2732	S0005075	TOM22	YNL131W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0005014	TOM7	YNL070W	protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.333	10
2733	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10
2734	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0001454	YIR015W	tRNA transcription; tRNA processing;	0.333	10	
2735	S0004310	EST2	YLR318W	DNA synthesis and replication; nucleus; organization of chromosome structure;	S0006432	EST3	YIL009C-A	DNA synthesis and replication; nucleus; organization of chromosome structure;	0.333	10

2736	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0005796	VPH1	YOR270C	protein targeting, sorting and translocation; assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2737	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0002100	VMA10	YHR039C-B	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2738	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0006155	VMA11 TFP3	YPL234C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2739	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0003252	VMA7	YGR020C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10

2740	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
2741	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2742	S0002815	TRS120	YDR407C	vesicular transport ;	S0004831	TRS130	YMR218C	vesicular transport ;	0.333	10
2743	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2744	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2745	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
2746	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2747	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0001627	RPC25	YKL144C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2748	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0005095	RPC31	YNL151C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2749	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10

2750	S0005095	RPC31	YNL151C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2751	S0001388	STH1	YIL126W	DNA restriction or modification; chromatin modification;	S0000648	RSC6	YCR052W	DNA restriction or modification; chromatin modification;	0.333	10
2752	S0001388	STH1	YIL126W	DNA restriction or modification; chromatin modification;	S0005739	SAS5	YOR213C	DNA restriction or modification; chromatin modification;	0.333	10
2753	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;	0.333	10
2754	S0002709	CFT1	YDR301W	transport ATPases; mRNA processing ;	S0004105	CFT2	YLR115W	transport ATPases; mRNA processing ;	0.333	10
2755	S0002815	TRS120	YDR407C	vesicular transport ;	S0002515	GSG1	YDR108W	meiosis; vesicular transport ; sporulation and germination;	0.333	10
2756	S0002815	TRS120	YDR407C	vesicular transport ;	S0000458	TRS20	YBR254C	vesicular transport ;	0.333	10
2757	S0002815	TRS120	YDR407C	vesicular transport ;	S0002880	TRS31	YDR472W	vesicular transport ;	0.333	10
2758	S0002815	TRS120	YDR407C	vesicular transport ;	S0005641	TRS33	YOR115C	vesicular transport ;	0.333	10
2759	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10
2760	S0002435	REG1	YDR028C	regulation of C-compound and carbohydrate utilization; mRNA processing ; splicing;	S0004928		YMR311C	regulation of C-compound and carbohydrate utilization;	0.333	10
2761	S0001388	STH1	YIL126W	DNA restriction or modification; chromatin modification;	S0004313	SFH1	YLR321C	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	0.333	10

2762	S0004928		YMR311C	regulation of C-compound and carbohydrate utilization; proteolytic degradation;	S0000856		YER054C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	0.333	10
2763	S0002802	RPT3	YDR394W	cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2764	S0000133	APL3	YBL037W	assembly of protein complexes; cellular import;	S0003819	APS2	YJR058C	assembly of protein complexes; cellular import;	0.333	10
2765	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2766	S0002815	TRS120	YDR407C	vesicular transport ; lipid, fatty-acid and isoprenoid utilization; protein	S0003398	KRE11	YGR166W	regulation of C-compound and carbohydrate utilization; vesicular transport ; lipid, fatty-acid and isoprenoid utilization; protein	0.333	10
2767	S0003568	BET4	YJL031C	modification;	S0005897	MRS6	YOR370C	modification;	0.333	10
2768	S0004928		YMR311C	regulation of C-compound and carbohydrate utilization;	S0000935	GLC7	YER133W	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; meiosis; translational control; budding, cell polarity and filament formation;	0.333	10
2769	S0002435	REG1	YDR028C	regulation of C-compound and carbohydrate utilization; mRNA processing ; splicing; proteolytic degradation;	S0000856		YER054C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	0.333	10
2770	S0002802	RPT3	YDR394W	cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2771	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2772	S0004117	APC2	YLR127C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004092	APC9	YLR102C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2773	S0002435	REG1	YDR028C	regulation of C-compound and carbohydrate utilization; mRNA processing ; splicing;	S0000935	GLC7	YER133W	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; meiosis; translational control; budding, cell polarity and filament formation;	0.333	10
2774	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0003824	RPA12	YJR063W	rRNA transcription; rRNA synthesis;	0.333	10
2775	S0001496	ARC19	YKL013C	cytoskeleton-dependent transport;	S0005318	ARC35	YNR035C	cytoskeleton-dependent transport;	0.333	10
2776	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0002299	RPO21	YDL140C	general transcription activities;	0.333	10
2777	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10

2778	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2779	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	0.333	10
2780	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0001499	ATP7	YKL016C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2781	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2782	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2783	S0001401		YIL139C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0006088	REV3	YPL167C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
2784	S0000133	APL3	YBL037W	assembly of protein complexes; cellular import;	S0003765	APL1	YJR005W	assembly of protein complexes; cellular import;	0.333	10

2785	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2786	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2787	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2788	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006224	ATP20	YPR020W	respiration;	0.333	10
2789	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002785		YDR377W	respiration; assembly of protein complexes;	0.333	10



2790	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005733	RET1	YOR207C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2791	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	0.333	10
2792	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005365	RPB11	YOL005C	general transcription activities;	0.333	10
2793	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2794	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2795	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2796	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2797	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0001627	RPC25	YKL144C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10

2798	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005095	RPC31	YNL151C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2799	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2800	S0000331	VMA2	YBR127C	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2801	S0002510	STE5	YDR103W	cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins;	S0002318	STE7	YDL159W	cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2802	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0003684		YJL148W	rRNA transcription; rRNA synthesis;	0.333	10

2803	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0007247	YML081C-A	respiration;	0.333	10
2804	S0002706	ATP5	YDR298C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000243	ATP3	YBR039W respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2805	S0000438	ARC40	YBR234C	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0003973	COF1	YLL050C assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	0.333	10
2806	S0005677	RPB2	YOR151C	general transcription activities;	S0001283	RPB3	YIL021W general transcription activities;	0.333	10
2807	S0005677	RPB2	YOR151C	general transcription activities;	S0003676	RPB4	YJL140W general transcription activities; stress response;	0.333	10
2808	S0005677	RPB2	YOR151C	general transcription activities;	S0000358	RPB5	YBR154C rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2809	S0005677	RPB2	YOR151C	general transcription activities;	S0002812	RPB7	YDR404C general transcription activities; stress response;	0.333	10
2810	S0005677	RPB2	YOR151C	general transcription activities;	S0005750	RPB8	YOR224C rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2811	S0005677	RPB2	YOR151C	general transcription activities;	S0003038	RPB9	YGL070C general transcription activities;	0.333	10

2812	S0005704	GAC1	YOR178C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	S0002435	REG1	YDR028C	regulation of C-compound and carbohydrate utilization; mRNA processing ; splicing;	0.333	10
2813	S0000964	RAD4	YER162C	DNA recombination and DNA repair; DNA repair;	S0000763	RAD23	YEL037C	DNA recombination and DNA repair; DNA repair; cell wall;	0.333	10
2814	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
2815	S0001371	SEC24	YIL109C	vesicular transport ;	S0003168	EMP24	YGL200C	vesicular transport ;	0.333	10
2816	S0001371	SEC24	YIL109C	vesicular transport ;	S0002354	SEC31	YDL195W	vesicular transport ;	0.333	10
2817	S0001371	SEC24	YIL109C	vesicular transport ;	S0006006	SEC16	YPL085W	assembly of protein complexes; vesicular transport ;	0.333	10
2818	S0001371	SEC24	YIL109C	vesicular transport ;	S0002129	ERP1	YAR002C-A	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2819	S0001371	SEC24	YIL109C	vesicular transport ;	S0006139	SAR1	YPL218W	vesicular transport ;	0.333	10
2820	S0005704	GAC1	YOR178C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	S0004928		YMR311C	regulation of C-compound and carbohydrate utilization;	0.333	10
2821	S0000829	GAL83	YER027C	regulation of C-compound and carbohydrate utilization;	S0002885	SNF1	YDR477W	regulation of C-compound and carbohydrate utilization; stress response;	0.333	10
2822	S0000829	GAL83	YER027C	regulation of C-compound and carbohydrate utilization;	S0003083	SNF4	YGL115W	regulation of C-compound and carbohydrate utilization; stress response;	0.333	10
2823	S0000438	ARC40	YBR234C	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.333	10

2824	S0001371	SEC24	YIL109C	vesicular transport ;	S0000005	ERP2	YAL007C	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2825	S0000438	ARC40	YBR234C	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
2826	S0005366	TOP1	YOL006C	DNA synthesis and replication; DNA recombination and DNA repair; other transcription activities;	S0005032	TOP2	YNL088W	DNA synthesis and replication; DNA recombination and DNA repair;	0.333	10
2827	S0002880	TRS31	YDR472W	vesicular transport ;	S0005641	TRS33	YOR115C	vesicular transport ;	0.333	10
2828	S0004984	BDP1 TFC5	YNL039W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0003478		YGR246C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2829	S0005704	GAC1	YOR178C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	S0000935	GLC7	YER133W	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; meiosis; translational control; budding, cell polarity and filament formation;	0.333	10
2830	S0001371	SEC24	YIL109C	vesicular transport ;	S0000040	ERV46	YAL042W	vesicular transport ;	0.333	10
2831	S0002880	TRS31	YDR472W	vesicular transport ;	S0003398	KRE11	YGR166W	regulation of C-compound and carbohydrate utilization; vesicular transport ;	0.333	10
2832	S0004663	SEN15	YMR059W	tRNA transcription; tRNA processing;	S0000066	SEN34	YAR008W	tRNA transcription; tRNA processing;	0.333	10
2833	S0004663	SEN15	YMR059W	tRNA transcription; tRNA processing;	S0006004	SEN54	YPL083C	tRNA transcription; tRNA processing;	0.333	10
2834	S0001371	SEC24	YIL109C	vesicular transport ;	S0004473	ERV25	YML012W	vesicular transport ;	0.333	10
2835	S0000827	GCD11	YER025W	translation;	S0006158	SUI3	YPL237W	translation;	0.333	10
2836	S0001716	RSC4	YKR008W	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	S0000648	RSC6	YCR052W	DNA restriction or modification; chromatin modification;	0.333	10

2837	S0001334	HOP1	YIL072W	DNA recombination and DNA repair; meiosis; nucleus; organization of chromosome structure;	S0002693	ZIP1	YDR285W	meiosis;	0.333	10
2838	S0001716	RSC4	YKR008W	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	S0005739	SAS5	YOR213C	DNA restriction or modification; chromatin modification;	0.333	10
2839	S0001334	HOP1	YIL072W	DNA recombination and DNA repair; meiosis; nucleus; organization of chromosome structure;	S0004253	RED1	YLR263W	DNA recombination and DNA repair; meiosis; nucleus; organization of chromosome structure;	0.333	10
2840	S0001324	ARC15	YIL062C	cytoskeleton-dependent transport;	S0003826	ARP3	YJR065C	cytoskeleton-dependent transport;	0.333	10
2841	S0001716	RSC4	YKR008W	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	S0004313	SFH1	YLR321C	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	0.333	10
2842	S0000827	GCD11	YER025W	translation;	S0003767	SUI2	YJR007W	translation;	0.333	10
2843	S0004015	SNF7	YLR025W	regulation of C-compound and carbohydrate utilization; protein targeting, sorting and translocation; vacuolar transport; sporulation and germination;	S0001524		YKL041W	protein targeting, sorting and translocation; vacuolar transport;	0.333	10
2844	S0000159	KIP1	YBL063W	cytoskeleton-dependent transport;	S0001199		YHR156C	cytoskeleton-dependent transport;	0.333	10
2845	S0005957	PMA2	YPL036W	ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0002103		YEL017C-A	ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
2846	S0003038	RPB9	YGL070C	general transcription activities;	S0002299	RPO21	YDL140C	general transcription activities;	0.333	10

2847	S0003038	RPB9	YGL070C	general transcription activities;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
				ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport				ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport		
2848	S0005957	PMA2	YPL036W	ATPases;	S0000619		YCR024C-A	ATPases;	0.333	10
				protein targeting, sorting and translocation; vesicular transport ;						
2849	S0001023	GOS1	YHL031C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport	S0000028	SNC1	YAL030W	vesicular transport ;	0.333	10
				ATPases;						
2850	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport	S0006224	ATP20	YPR020W	respiration;	0.333	10
				ATPases;						
2851	S0006192	ATP15	YPL271W	protein targeting, sorting and translocation; vesicular transport ;	S0002785		YDR377W	respiration; assembly of protein complexes;	0.333	10
				transport ;						
2852	S0001023	GOS1	YHL031C	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0004068	BOS1	YLR078C	vesicular transport ;	0.333	10
				general transcription activities;						
2853	S0000684	ABP1	YCR088W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005082	SRV2	YNL138W	general transcription activities;	0.333	10
				activities;						
2854	S0003038	RPB9	YGL070C		S0005365	RPB11	YOL005C		0.333	10

2855	S0003038	RPB9	YGL070C	general transcription activities;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2856	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2857	S0003038	RPB9	YGL070C	general transcription activities;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2858	S0001308	MET30	YIL046W	regulation of amino acid metabolism; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002290	CDC53	YDL132W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2859	S0000327	TFC1	YBR123C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0003279	TFC4	YGR047C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2860	S0000684	ABP1	YCR088W	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.333	10
2861	S0006224	ATP20	YPR020W	respiration;	S0002785		YDR377W	respiration; assembly of protein complexes;	0.333	10



2862	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0007247	YML081C-A	respiration;	0.333	10	
2863	S0000327	TFC1	YBR123C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0002770	TFC6	YDR362C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2864	S0004349	RSC2	YLR357W	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	S0005739	SAS5	YOR213C	DNA restriction or modification; chromatin modification;	0.333	10
2865	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000243	ATP3	YBR039W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2866	S0000327	TFC1	YBR123C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0000001	TFC3	YAL001C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2867	S0003058	LIF1	YGL090W	DNA recombination and DNA repair; DNA repair; meiosis; sporulation and germination;	S0005531	DNL4	YOR005C	DNA recombination and DNA repair; DNA repair; meiosis; sporulation and germination;	0.333	10
2868	S0001624	SDH3	YKL141W	respiration;	S0002585	SDH4	YDR178W	tricarboxylic-acid pathway ; respiration;	0.333	10
2869	S0004349	RSC2	YLR357W	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	S0004313	SFH1	YLR321C	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	0.333	10

2870	S0000327	TFC1	YBR123C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; cell wall;	S0005636	TFC7	YOR110W	regulation of C-compound and carbohydrate utilization; rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2871	S0002868	TFB3	YDR460W	DNA recombination and DNA repair; DNA repair; general transcription activities; assembly of protein complexes;	S0006260	TFB4	YPR056W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
2872	S0002868	TFB3	YDR460W	DNA recombination and DNA repair; DNA repair; general transcription activities; assembly of protein complexes;	S0003490	RAD2	YGR258C	DNA recombination and DNA repair; DNA repair; meiosis;	0.333	10
2873	S0003597	NUP82	YJL061W	RNA transport; nuclear transport;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.333	10
2874	S0006224	ATP20	YPR020W	respiration;	S0007247		YML081C-A	respiration;	0.333	10
2875	S0006224	ATP20	YPR020W	respiration;	S0000243	ATP3	YBR039W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2876	S0004223	EST1	YLR233C	DNA synthesis and replication; nucleus; organization of chromosome structure;	S0004310	EST2	YLR318W	DNA synthesis and replication; nucleus; organization of chromosome structure;	0.333	10
2877	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10

2878	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2879	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2880	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0001627	RPC25	YKL144C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2881	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005095	RPC31	YNL151C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2882	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2883	S0002266	KIN28	YDL108W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002868	TFB3	YDR460W	DNA recombination and DNA repair; DNA repair; general transcription activities; assembly of protein complexes;	0.333	10
2884	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.333	10
2885	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0003824	RPA12	YJR063W	rRNA transcription; rRNA synthesis;	0.333	10
2886	S0004223	EST1	YLR233C	DNA synthesis and replication; nucleus; organization of chromosome structure;	S0006432	EST3	YIL009C-A	DNA synthesis and replication; nucleus; organization of chromosome structure;	0.333	10

2887	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2888	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0005867	RPA43	YOR340C	rRNA transcription; rRNA synthesis;	0.333	10
2889	S0001266	BET1	YIL004C	vesicular transport ; rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0005854	SNC2	YOR327C	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2890	S0005736	RPB10	YOR210W	DNA synthesis and replication;	S0003684		YJL148W	rRNA transcription; rRNA synthesis;	0.333	10
2891	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0000482	DPB3	YBR278W	DNA synthesis and replication;	0.333	10
2892	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2893	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2894	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2895	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0004264	CDC46	YLR274W	DNA synthesis and replication;	0.333	10
2896	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2897	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2898	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2899	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2900	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2901	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2902	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2903	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2904	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2905	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2906	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2907	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	0.333	10
2908	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	0.333	10

2909	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
2910	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2911	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2912	S0001266	BET1	YIL004C	vesicular transport ;	S0004258	SEC22	YLR268W	vesicular transport ;	0.333	10
2913	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2914	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.333	10
2915	S0002619	GCD6	YDR211W	translation;	S0004282	GCD7	YLR291C	translation;	0.333	10
2916	S0002619	GCD6	YDR211W	translation;	S0001734	GCN3	YKR026C	translation;	0.333	10
2917	S0005969	CAM1	YPL048W	translation;	S0006284	TEF1	YPR080W	translation;	0.333	10
2918	S0002266	KIN28	YDL108W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0006260	TFB4	YPR056W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
2919	S0002266	KIN28	YDL108W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0003490	RAD2	YGR258C	DNA recombination and DNA repair; DNA repair; meiosis;	0.333	10

2920	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0004286	ATP14	YLR295C	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2921	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006192	ATP15	YPL271W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2922	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0006224	ATP20	YPR020W	respiration;	0.333	10
2923	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0002785		YDR377W	respiration; assembly of protein complexes;	0.333	10
2924	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0006223	CDC54	YPR019W	DNA synthesis and replication;	0.333	10
2925	S0001337	RPN2	YIL075C	tRNA transcription; tRNA processing; proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2926	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	S0000638	TSM1 TAF2	YCR042C	general transcription activities;	0.333	10
2927	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0003684		YJL148W	rRNA transcription; rRNA synthesis;	0.333	10

2928	S0000810	SEC3	YER008C	extracellular transport, exocytosis and secretion; budding, cell polarity and filament formation;	S0003621		YJL085W	extracellular transport, exocytosis and secretion;	0.333	10
2929	S0000810	SEC3	YER008C	extracellular transport, exocytosis and secretion; budding, cell polarity and filament formation;	S0002573	SEC5	YDR166C	extracellular transport, exocytosis and secretion;	0.333	10
2930	S0000810	SEC3	YER008C	extracellular transport, exocytosis and secretion; budding, cell polarity and filament formation;	S0006259	SEC8	YPR055W	extracellular transport, exocytosis and secretion;	0.333	10
2931	S0001872	FRS2	YFL022C	aminoacyl-tRNA-synthetases;	S0004050	FRS1	YLR060W	aminoacyl-tRNA-synthetases;	0.333	10
2932	S0001266	BET1	YIL004C	vesicular transport ;	S0004810	VT11	YMR197C	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2933	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.333	10
2934	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0000758	MCM3	YEL032W	DNA synthesis and replication;	0.333	10
2935	S0001266	BET1	YIL004C	vesicular transport ;	S0001023	GOS1	YHL031C	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
2936	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0007247		YML081C-A	respiration;	0.333	10
2937	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.333	10



2938	S0000195	ATP1	YBL099W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	S0000243	ATP3	YBR039W	respiration; mitochondrial transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; transport mechanism; transport ATPases;	0.333	10
2939	S0003676	RPB4	YJL140W	general transcription activities; stress response;	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2940	S0003676	RPB4	YJL140W	general transcription activities; stress response;	S0002812	RPB7	YDR404C	general transcription activities; stress response;	0.333	10
2941	S0003676	RPB4	YJL140W	general transcription activities; stress response;	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2942	S0003676	RPB4	YJL140W	general transcription activities; stress response;	S0003038	RPB9	YGL070C	general transcription activities;	0.333	10
2943	S0003850	GRR1	YJR090C	regulation of C-compound and carbohydrate utilization; cellular import; stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0002461	CDC34	YDR054C	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; DNA synthesis and replication; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2944	S0003539	OST1	YJL002C	protein modification;	S0002391	OST4	YDL232W	protein modification;	0.333	10
2945	S0001266	BET1	YIL004C	vesicular transport ;	S0000028	SNC1	YAL030W	vesicular transport ;	0.333	10
2946	S0004564	TAF19 TAF13	YML098W	general transcription activities;	S0002574	TAF25 TAF10	YDR167W	general transcription activities;	0.333	10
2947	S0004564	TAF19 TAF13	YML098W	general transcription activities;	S0004477	TAF40 TAF11	YML015C	general transcription activities;	0.333	10
2948	S0004564	TAF19 TAF13	YML098W	general transcription activities;	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	0.333	10
2949	S0004564	TAF19 TAF13	YML098W	general transcription activities;	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	0.333	10

2950	S0004564	TAF19 TAF13	YML098W	general transcription activities;	S0002552	TAF61 TAF12	YDR145W	general transcription activities;	0.333	10
2951	S0004564	TAF19 TAF13	YML098W	general transcription activities;	S0004840	TAF67 TAF7	YMR227C	general transcription activities;	0.333	10
2952	S0001266	BET1	YIL004C	vesicular transport ;	S0004068	BOS1	YLR078C	vesicular transport ;	0.333	10
2953	S0001283	RPB3	YIL021W	general transcription activities;	S0002299	RPO21	YDL140C	general transcription activities;	0.333	10
2954	S0001283	RPB3	YIL021W	general transcription activities;	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2955	S0006377	VPS4	YPR173C	protein targeting, sorting and translocation; vacuolar transport; Golgi; vacuole or lysosome;	S0004015	SNF7	YLR025W	regulation of C-compound and carbohydrate utilization; protein targeting, sorting and translocation; vacuolar transport; sporulation and germination;	0.333	10
2956	S0003850	GRR1	YJR090C	regulation of C-compound and carbohydrate utilization; cellular import; stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0002290	CDC53	YDL132W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2957	S0001885	CDC4	YFL009W	DNA synthesis and replication; budding, cell polarity and filament formation; sporulation and germination;	S0002461	CDC34	YDR054C	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; DNA synthesis and replication; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2958	S0001283	RPB3	YIL021W	general transcription activities;	S0005365	RPB11	YOL005C	general transcription activities;	0.333	10

2959	S0001283	RPB3	YIL021W	general transcription activities;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2960	S0001283	RPB3	YIL021W	general transcription activities;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2961	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.333	10
2962	S0004801	GCV2	YMR189W	amino acid degradation ;	S0000042	GCV3	YAL044C	amino acid degradation ; degradation of amino acids of the cysteine-aromatic group; degradation of glycine;	0.333	10
2963	S0002700	SRP101	YDR292C	protein targeting, sorting and translocation;	S0001637	SRP102	YKL154W	protein targeting, sorting and translocation;	0.333	10
2964	S0006377	VPS4	YPR173C	protein targeting, sorting and translocation; vacuolar transport; Golgi; vacuole or lysosome;	S0001524		YKL041W	protein targeting, sorting and translocation; vacuolar transport;	0.333	10
2965	S0003702	QCR8	YJL166W	respiration;	S0005591	CYT1	YOR065W	respiration;	0.333	10
2966	S0003702	QCR8	YJL166W	respiration;	S0003415	QCR9	YGR183C	respiration;	0.333	10
2967	S0005365	RPB11	YOL005C	general transcription activities;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10
2968	S0005365	RPB11	YOL005C	general transcription activities;	S0001185	RPC10	YHR143W-A	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.333	10

				rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;						
2969	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0003038	RPB9	YGL070C	general transcription activities;	0.333	10
2970	S0000003	EFB1	YAL003W	translation; elongation;	S0006284	TEF1	YPR080W	translation;	0.333	10
2971	S0000028	SNC1	YAL030W	vesicular transport ;	S0004068	BOS1	YLR078C	vesicular transport ;	0.333	10
2972	S0002188	PRP9	YDL030W	mRNA processing ; splicing;	S0002201	PRP11	YDL043C	mRNA processing ; splicing;	0.333	10
				rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;				rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;		
2973	S0003262	POP6	YGR030C	processing;	S0000371	POP7	YBR167C	processing;	0.333	10
				regulation of amino acid metabolism; nitrogen and sulfur metabolism;				regulation of amino acid metabolism; nitrogen and sulfur metabolism;		
2974	S0001456	MET28	YIR017C	regulation of nitrogen and sulphur utilization;	S0005959	MET31	YPL038W	regulation of nitrogen and sulphur utilization;	0.333	10
				proteolytic degradation; lysosomal and vacuolar degradation; cytoskeleton-				proteolytic degradation; lysosomal and vacuolar degradation; cytoskeleton-		
2975	S0005167	AUT2	YNL223W	dependent transport;	S0000174	AUT7	YBL078C	dependent transport;	0.333	10
				rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;				rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;		
2976	S0001627	RPC25	YKL144C	synthesis;	S0005095	RPC31	YNL151C	synthesis;	0.333	10
				rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;				rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;		
2977	S0001627	RPC25	YKL144C	synthesis;	S0006314	RPC40	YPR110C	synthesis;	0.333	10
				rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;				rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;		
2978	S0003262	POP6	YGR030C	processing;	S0005165	POP1	YNL221C	processing;	0.333	10
				rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;				rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;		
2979	S0003262	POP6	YGR030C	processing;	S0000461	POP4	YBR257W	processing;	0.333	10

2980	S0003262	POP6	YGR030C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000031	POP5	YAL033W	DNA synthesis and replication; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2981	S0003262	POP6	YGR030C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000114	POP8	YBL018C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
2982	S0001083	SRB2	YHR041C	general transcription activities;	S0000824	SRB4	YER022W	general transcription activities;	0.333	10
2983	S0002736	SKP1	YDR328C	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0001308	MET30	YIL046W	regulation of amino acid metabolism; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2984	S0000648	RSC6	YCR052W	DNA restriction or modification; chromatin modification;	S0003288	RSC1	YGR056W	DNA restriction or modification; chromatin modification;	0.333	10
2985	S0000648	RSC6	YCR052W	DNA restriction or modification; chromatin modification;	S0004349	RSC2	YLR357W	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	0.333	10
2986	S0000648	RSC6	YCR052W	DNA restriction or modification; chromatin modification;	S0005739	SAS5	YOR213C	DNA restriction or modification; chromatin modification;	0.333	10
2987	S0000003	EFB1	YAL003W	translation; elongation;	S0001792		YKR084C	translation;	0.333	10
2988	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2989	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

2990	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2991	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2992	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2993	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005785	RPT4	YOR259C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2994	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2995	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003016	RPT6	YGL048C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
2996	S0001665	FAS1	YKL182W	lipid, fatty-acid and isoprenoid biosynthesis;	S0006152	FAS2	YPL231W	lipid, fatty-acid and isoprenoid biosynthesis; assembly of protein complexes;	0.333	10
2997	S0003262	POP6	YGR030C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0001454		YIR015W	tRNA transcription; tRNA processing;	0.333	10
2998	S0000003	EFB1	YAL003W	translation; elongation;	S0001564	TEF4	YKL081W	translation;	0.333	10
2999	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0005574	RAT1	YOR048C	rRNA transcription; rRNA processing; nuclear transport;	0.333	10
3000	S0000648	RSC6	YCR052W	DNA restriction or modification; chromatin modification;	S0004313	SFH1	YLR321C	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	0.333	10
3001	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0001131	GAR1	YHR089C	rRNA transcription; rRNA processing;	0.333	10

3002	S0002100	VMA10	YHR039C-B	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0006240	VMA13	YPR036W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
3003	S0002100	VMA10	YHR039C-B	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0002344	VMA1 TFP1	YDL184W-B	other protein fate related activities; vacuolar transport; vacuolar transport; ionic homeostasis; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of protons; cell wall; ion transporters; ion transporters; cation transporters; cation transporters; other cation transporters ; other cation transporters ; transport mechanism; transport mechanism; transport ATPases; transport ATPases;	0.333	10
3004	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
3005	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0002886	SNM1	YDR478W	rRNA transcription; rRNA processing;	0.333	10
3006	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0001107	RRP3	YHR065C	rRNA transcription; rRNA processing;	0.333	10
3007	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.333	10

3008	S0003083	SNF4	YGL115W	regulation of C-compound and carbohydrate utilization; stress response;	S0002830	SIP1	YDR422C	regulation of C-compound and carbohydrate utilization;	0.333	10
3009	S0002100	VMA10	YHR039C-B	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0005859	VMA4	YOR332W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
3010	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
3011	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0001026	SBP1	YHL034C	rRNA transcription; rRNA processing;	0.333	10
3012	S0002100	VMA10	YHR039C-B	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0001068	PPA1	YHR026W	ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
3013	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
3014	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0004917		YMR302C	rRNA transcription; other rRNA-transcription activities;	0.333	10
3015	S0000611		YCR018C	rRNA transcription; rRNA processing;	S0003931	DRS1	YLL008W	rRNA transcription; rRNA processing; assembly of protein complexes;	0.333	10



3016	S0002100	VMA10	YHR039C-B	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10
3017	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	S0000264	ORC2 RRR1	YBR060C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
3018	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	S0003927	ORC3	YLL004W	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
3019	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
3020	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0000611		YCR018C	rRNA transcription; rRNA processing;	0.333	10
3021	S0002172	NOP1	YDL014W	rRNA transcription; rRNA processing;	S0004213	IFH1	YLR223C	rRNA transcription; rRNA processing;	0.333	10
3022	S0002100	VMA10	YHR039C-B	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.333	10

				vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism;				assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism;		
3023	S0002100	VMA10	YHR039C-B	transport ATPases;	S0001563	VMA5	YKL080W	transport ATPases;	0.333	10
3024	S0006158	SUI3	YPL237W	translation;	S0003767	SUI2	YJR007W	translation;	0.333	10
				proteolytic degradation; cytoplasmic and nuclear degradation;				proteolytic degradation; cytoplasmic and nuclear degradation;		
3025	S0002979	SCL1	YGL011C	degradation;	S0000377	UMP1	YBR173C	degradation;	0.333	10
				aminoacyl-tRNA-synthetases; protein targeting, sorting and translocation;				aminoacyl-tRNA-synthetases;		
3026	S0006251	MSF1	YPR047W		S0004050	FRS1	YLR060W		0.333	10
				proteolytic degradation; cytoplasmic and nuclear degradation;				proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;		
3027	S0003367	PRE9	YGR135W		S0000814	PRE1	YER012W		0.333	10
				proteolytic degradation; cytoplasmic and nuclear degradation;				proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;		
3028	S0002979	SCL1	YGL011C		S0000814	PRE1	YER012W		0.333	10
				proteolytic degradation; cytoplasmic and nuclear degradation;				meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;		
3029	S0002979	SCL1	YGL011C		S0006307	PRE2	YPR103W		0.333	10
				regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;				regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;		
3030	S0002661		YDR253C		S0001456	MET28	YIR017C		0.333	10

3031	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005683	PUP1	YOR157C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
3032	S0004198	SEC13	YLR208W	vesicular transport ;	S0003168	EMP24	YGL200C	vesicular transport ;	0.333	10
3033	S0004198	SEC13	YLR208W	vesicular transport ;	S0002354	SEC31	YDL195W	vesicular transport ;	0.333	10
3034	S0004198	SEC13	YLR208W	vesicular transport ; proteolytic degradation; cytoplasmic and nuclear degradation;	S0006006	SEC16	YPL085W	assembly of protein complexes; vesicular transport ;	0.333	10
3035	S0002165	RPT2	YDL007W	vesicular transport ;	S0001900	RPN11	YFR004W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
3036	S0004198	SEC13	YLR208W	vesicular transport ;	S0006385	SEC23	YPR181C	vesicular transport ;	0.333	10
3037	S0004198	SEC13	YLR208W	vesicular transport ;	S0002129	ERP1	YAR002C-A	protein targeting, sorting and translocation; vesicular transport ;	0.333	10
3038	S0004198	SEC13	YLR208W	vesicular transport ;	S0006139	SAR1	YPL218W	vesicular transport ;	0.333	10
3039	S0000371	POP7	YBR167C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0005165	POP1	YNL221C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
3040	S0000371	POP7	YBR167C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000461	POP4	YBR257W	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
3041	S0000371	POP7	YBR167C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000031	POP5	YAL033W	DNA synthesis and replication; rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
3042	S0000371	POP7	YBR167C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0000114	POP8	YBL018C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	0.333	10
3043	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
3044	S0005116	APC1	YNL172W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004117	APC2	YLR127C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10

3045	S0005116	APC1	YNL172W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004092	APC9	YLR102C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.333	10
3046	S0000322	TEF2	YBR118W	translation;	S0001564	TEF4	YKL081W	translation;	0.333	10
3047	S0004515		YML051W	regulation of C-compound and carbohydrate utilization;	S0002416		YDR009W	regulation of C-compound and carbohydrate utilization;	0.333	10
3048	S0004198	SEC13	YLR208W	vesicular transport ;	S0000005	ERP2	YAL007C	regulation of C-compound and carbohydrate utilization; protein targeting, sorting and translocation; vesicular transport ;	0.333	10
3049	S0000371	POP7	YBR167C	rRNA transcription; rRNA processing; tRNA transcription; tRNA processing;	S0001454		YIR015W	tRNA transcription; tRNA processing;	0.333	10
3050	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0006043		YPL122C	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
3051	S0000005	ERP2	YAL007C	protein targeting, sorting and translocation; vesicular transport ;	S0000040	ERV46	YAL042W	vesicular transport ;	0.333	10
3052	S0004198	SEC13	YLR208W	vesicular transport ;	S0000040	ERV46	YAL042W	vesicular transport ;	0.333	10
3053	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	0.333	10
3054	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0004564	TAF19 TAF13	YML098W	general transcription activities;	0.333	10
3055	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0002574	TAF25 TAF10	YDR167W	general transcription activities;	0.333	10
3056	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0004477	TAF40 TAF11	YML015C	general transcription activities;	0.333	10

3057	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	0.333	10
3058	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	0.333	10
3059	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0002552	TAF61 TAF12	YDR145W	general transcription activities;	0.333	10
3060	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0004840	TAF67 TAF7	YMR227C	general transcription activities;	0.333	10
3061	S0006305	SNT309	YPR101W	mRNA processing ; splicing;	S0003739	PRP21	YJL203W	mRNA processing ; splicing; assembly of protein complexes;	0.333	10
3062	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
3063	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0001405	SSL2	YIL143C	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
3064	S0004198	SEC13	YLR208W	vesicular transport ;	S0004473	ERV25	YML012W	vesicular transport ;	0.333	10
3065	S0005739	SAS5	YOR213C	DNA restriction or modification; chromatin modification;	S0004313	SFH1	YLR321C	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	0.333	10
3066	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0003995	SSL1	YLR005W	DNA recombination and DNA repair; DNA repair; general transcription activities; translation;	0.333	10
3067	S0002515	GSG1	YDR108W	meiosis; vesicular transport ; sporulation and germination;	S0000458	TRS20	YBR254C	vesicular transport ;	0.333	10

3068	S0002515	GSG1	YDR108W	meiosis; vesicular transport ; sporulation and germination;	S0002880	TRS31	YDR472W	vesicular transport ;	0.333	10
3069	S0002515	GSG1	YDR108W	meiosis; vesicular transport ; sporulation and germination;	S0005641	TRS33	YOR115C	vesicular transport ;	0.333	10
3070	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	0.333	10
3071	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	S0002552	TAF61 TAF12	YDR145W	general transcription activities;	0.333	10
3072	S0005932	TAF47 TAF3	YPL011C	general transcription activities;	S0004840	TAF67 TAF7	YMR227C	general transcription activities;	0.333	10
3073	S0006284	TEF1	YPR080W	translation;	S0001564	TEF4	YKL081W	translation;	0.333	10
3074	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002266	KIN28	YDL108W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.333	10
3075	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002868	TFB3	YDR460W	DNA recombination and DNA repair; DNA repair; general transcription activities; assembly of protein complexes;	0.333	10
3076	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0001160	ORC6	YHR118C	DNA synthesis and replication; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
3077	S0003168	EMP24	YGL200C	vesicular transport ;	S0000040	ERV46	YAL042W	vesicular transport ;	0.333	10
3078	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; assembly of protein complexes; vesicular transport ;	S0001017	SNF6	YHL025W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.333	10
3079	S0002351	ARF1	YDL192W	transport ;	S0005931	RET3	YPL010W	vesicular transport ;	0.333	10
3080	S0005969	CAM1	YPL048W	translation;	S0001792		YKR084C	translation;	0.333	10

3081	S0005194	RAD50	YNL250W	DNA recombination and DNA repair; DNA repair; meiosis;	S0002545	HPR1	YDR138W	DNA recombination and DNA repair;	0.329	11
3082	S0001756	NAP1	YKR048C	assembly of protein complexes; budding, cell polarity and filament formation; nucleus; organization of chromosome structure;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3083	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	0.329	11
3084	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0003337	VMA21	YGR105W	assembly of protein complexes;	0.329	11
3085	S0002515	GSG1	YDR108W	meiosis; vesicular transport ; sporulation and germination;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3086	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0000922	SCS2	YER120W	regulation of C-compound and carbohydrate utilization;	0.329	11

3087	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0000049		YAL053W		0.329	11
3088	S0003634	SAP185	YJL098W	budding, cell polarity and filament formation;	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	0.329	11
3089	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3090	S0000927	RSP5	YER125W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	S0003836	HOC1	YJR075W	protein modification; cell growth / morphogenesis; budding, cell polarity and filament formation; cell wall;	0.329	11
3091	S0000927	RSP5	YER125W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.329	11
3092	S0006007	ELP3	YPL086C	DNA restriction or modification; chromatin modification; protein modification;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.329	11
3093	S0002916	GNP1	YDR508C	amino acid transport; amino- acid transporters;	S0000049		YAL053W		0.329	11



3094	S0000927	RSP5	YER125W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	0.329	11
3095	S0000927	RSP5	YER125W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	S0003635	CHS6	YJL099W	other intracellular transport activities;	0.329	11
3096	S0003660	LSM1	YJL124C	mRNA processing ; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11
3097	S0000927	RSP5	YER125W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	0.329	11
3098	S0005962		YPL041C		S0000049		YAL053W		0.329	11
3099	S0000787	CIN8	YEL061C	cytoskeleton-dependent transport;	S0003551	CCT3	YJL014W	protein folding and stabilization;	0.329	11
3100	S0000787	CIN8	YEL061C	cytoskeleton-dependent transport;	S0001404	CCT2	YIL142W	protein folding and stabilization;	0.329	11
3101	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0006155	VMA11 TFP3	YPL234C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.329	11

3102	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0004258	SEC22	YLR268W	vesicular transport ;	0.329	11
3103	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	S0003962	UBI4	YLL039C	other protein-synthesis activities; assembly of protein complexes; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.329	11
3104	S0002459	DBF4	YDR052C	DNA synthesis and replication;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.329	11
3105	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0002668	SWM1	YDR260C	meiosis; budding, cell polarity and filament formation; other control of cellular organization;	0.329	11
3106	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004511	GSF2	YML048W	regulation of C-compound and carbohydrate utilization; cell wall;	0.329	11
3107	S0004252	YPT6	YLR262C	vesicular transport ;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3108	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0001019	RIM101	YHL027W	meiosis;	0.329	11
3109	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0004811	CIK1	YMR198W	cytoskeleton-dependent transport;	0.329	11
3110	S0000009		YAL011W		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3111	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0001404	CCT2	YIL142W	protein folding and stabilization;	0.329	11

3112	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004349	RSC2	YLR357W	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	0.329	11
3113	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0001055	ARD1	YHR013C	lipid, fatty-acid and isoprenoid utilization; protein modification;	0.329	11
3114	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0000924	GLO3	YER122C		0.329	11
3115	S0000957	BEM2	YER155C	budding, cell polarity and filament formation; regulation of C-compound and carbohydrate utilization;	S0001780	SIS2	YKR072C		0.329	11
3116	S0005963	SSN3	YPL042C	meiosis;	S0003213	RTF1	YGL244W	general transcription activities;	0.329	11
3117	S0000459		YBR255W		S0000312		YBR108W		0.329	11
3118	S0001736	SAP190	YKR028W	budding, cell polarity and filament formation;	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	0.329	11
3119	S0004706		YMR100W	budding, cell polarity and filament formation;	S0005553	STI1	YOR027W	stress response; cell growth / morphogenesis;	0.329	11
3120	S0005235	MID1	YNL291C	ionic homeostasis; homeostasis of cations; homeostasis of other cations; pheromone response, mating-type determination, sex-specific proteins;	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.329	11
3121	S0005235	MID1	YNL291C	ionic homeostasis; homeostasis of cations; homeostasis of other cations; pheromone response, mating-type determination, sex-specific proteins;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.329	11

3122	S0005235	MID1	YNL291C	ionic homeostasis; homeostasis of cations; homeostasis of other cations; pheromone response, mating-type determination, sex-specific proteins;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.329	11
3123	S0005238		YNL294C		S0000049		YAL053W		0.329	11
3124	S0004715	MYO5	YMR109W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	0.329	11
3125	S0000951	PEA2	YER149C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3126	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.329	11
3127	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	S0005436	1-Dec	YOL076W		0.329	11

3128	S0000818	BIM1	YER016W	cell cycle checkpoints ; nucleus;	S0005133	SRP1	YNL189W	protein targeting, sorting and translocation; nuclear transport; nucleus;	0.329	11
3129	S0003084	CDC20	YGL116W	proteolytic degradation;	S0000311	IML3	YBR107C		0.329	11
3130	S0003084	CDC20	YGL116W	proteolytic degradation;	S0006250	MCM16	YPR046W		0.329	11
3131	S0003084	CDC20	YGL116W	proteolytic degradation;	S0002726	MCM21	YDR318W		0.329	11
3132	S0003213	RTF1	YGL244W	general transcription activities;	S0005433	THP1	YOL072W		0.329	11
3133	S0003213	RTF1	YGL244W	general transcription activities;	S0005835	SNU66	YOR308C	mRNA processing ; splicing;	0.329	11
3134	S0003213	RTF1	YGL244W	general transcription activities;	S0000739	VAC8	YEL013W	protein targeting, sorting and translocation; vacuole or lysosome;	0.329	11
3135	S0003213	RTF1	YGL244W	general transcription activities;	S0004158			protein targeting, sorting and translocation;	0.329	11
3136	S0003213	RTF1	YGL244W	general transcription activities;	S0004641	LYS7	YMR038C	other protein fate related activities; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.329	11
3137	S0003213	RTF1	YGL244W	general transcription activities;	S0000963	SPT2	YER161C		0.329	11
3138	S0003213	RTF1	YGL244W	general transcription activities;	S0002742		YDR334W		0.329	11
3139	S0003213	RTF1	YGL244W	general transcription activities;	S0000980	PDA1	YER178W	glycolysis and gluconeogenesis;	0.329	11
3140	S0003213	RTF1	YGL244W	general transcription activities;	S0004172	SWI6	YLR182W	DNA synthesis and replication; DNA recombination and DNA repair; cell wall;	0.329	11
3141	S0003213	RTF1	YGL244W	general transcription activities;	S0004258	SEC22	YLR268W	vesicular transport ;	0.329	11
3142	S0003213	RTF1	YGL244W	general transcription activities;	S0000542	SRO9	YCL037C	other transcription activities; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.329	11

3143	S0003213	RTF1	YGL244W	general transcription activities;	S0004970	SSN8	YNL025C	regulation of C-compound and carbohydrate utilization; meiosis; general transcription activities;	0.329	11
3144	S0003213	RTF1	YGL244W	general transcription activities;	S0000425	PDB1	YBR221C	glycolysis and gluconeogenesis;	0.329	11
3145	S0003213	RTF1	YGL244W	general transcription activities;	S0000673	PAT1	YCR077C	DNA synthesis and replication; DNA recombination and DNA repair; mRNA processing ;	0.329	11
3146	S0003213	RTF1	YGL244W	general transcription activities;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.329	11
3147	S0003213	RTF1	YGL244W	general transcription activities;	S0003660	LSM1	YJL124C	mRNA processing ;	0.329	11
3148	S0003213	RTF1	YGL244W	general transcription activities;	S0001622	CTK1	YKL139W		0.329	11
3149	S0003213	RTF1	YGL244W	general transcription activities;	S0005505	CTR9	YOL145C		0.329	11
3150	S0003213	RTF1	YGL244W	general transcription activities;	S0003011		YGL043W	DNA recombination and DNA repair; general transcription activities;	0.329	11
3151	S0003213	RTF1	YGL244W	general transcription activities;	S0005887	PDE2	YOR360C	nucleotide metabolism; metabolism of cyclic and unusual nucleotides;	0.329	11
3152	S0003213	RTF1	YGL244W	general transcription activities;	S0005372	HTA3 HTZ1	YOL012C		0.329	11
3153	S0003213	RTF1	YGL244W	general transcription activities;	S0002786			mRNA processing ; splicing;	0.329	11
3154	S0003213	RTF1	YGL244W	general transcription activities;	S0005564	HIR2	YOR038C		0.329	11
3155	S0003213	RTF1	YGL244W	general transcription activities;	S0002848		YDR440W		0.329	11
3156	S0003213	RTF1	YGL244W	general transcription activities;	S0001444	IST3	YIR005W	other transcription activities;	0.329	11
3157	S0003213	RTF1	YGL244W	general transcription activities;	S0001023	GOS1	YHL031C	protein targeting, sorting and translocation; vesicular transport ;	0.329	11

3158	S0003213	RTF1	YGL244W	general transcription activities;	S0005649	LEO1	YOR123C	proteolytic degradation; cytoplasmic and nuclear degradation; proteasomal degradation;	0.329	11
3159	S0003213	RTF1	YGL244W	general transcription activities;	S0005650	UBP2	YOR124C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.329	11
3160	S0003213	RTF1	YGL244W	general transcription activities;	S0005041	PHO23	YNL097C		0.329	11
3161	S0003213	RTF1	YGL244W	general transcription activities;	S0000307	SIF2	YBR103W	stress response;	0.329	11
3162	S0003213	RTF1	YGL244W	general transcription activities;	S0004057		YLR067C	other transcription activities; translational control;	0.329	11
3163	S0003213	RTF1	YGL244W	general transcription activities;	S0005742	RUD3	YOR216C	vesicular transport ;	0.329	11
3164	S0003213	RTF1	YGL244W	general transcription activities;	S0000924	GLO3	YER122C		0.329	11
3165	S0003213	RTF1	YGL244W	general transcription activities;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.329	11
3166	S0003078		YGL110C		S0000049		YAL053W		0.329	11
3167	S0000285	SPT7	YBR081C		S0003336	SRB5	YGR104C	general transcription activities;	0.329	11
3168	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	S0000922	SCS2	YER120W	regulation of C-compound and carbohydrate utilization;	0.329	11

3169	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	0.329	11
3170	S0004505		YML041C		S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11
3171	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.329	11
3172	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.329	11



3173	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3174	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3175	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11

3176	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002562	CPH1 CPR1	YDR155C	protein folding and stabilization; stress response;	0.329	11
3177	S0000392	NTC20	YBR188C	mRNA processing ; splicing;	S0006305	SNT309	YPR101W	mRNA processing ; splicing;	0.329	11
3178	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0006007	ELP3	YPL086C	DNA restriction or modification; chromatin modification; protein modification;	0.329	11
3179	S0005939	CTF19	YPL018W		S0003084	CDC20	YGL116W	proteolytic degradation;	0.329	11
3180	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	0.329	11

3181	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	0.329	11
3182	S0000379	SWD3	YBR175W		S0001176	WSS1	YHR134W		0.329	11
3183	S0004527	MFT1	YML062C	protein targeting, sorting and translocation; mitochondrial transport;	S0004224	TOP3	YLR234W	meiosis;	0.329	11
3184	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001563	VMA5	YKL080W	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.329	11
3185	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0001562	SMY1	YKL079W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.329	11
3186	S0003793	CPR7	YJR032W	protein folding and stabilization; cell growth / morphogenesis;	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	0.329	11
3187	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton;	S0000927	RSP5	YER125W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.329	11
3188	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton;	S0005133	SRP1	YNL189W	protein targeting, sorting and translocation; nuclear transport; nucleus;	0.329	11

3189	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0003461	SMI1	YGR229C	regulation of C-compound and carbohydrate utilization;	0.329	11
3190	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0006339	CTF4	YPR135W	DNA synthesis and replication;	0.329	11
3191	S0002668	SWM1	YDR260C	meiosis; budding, cell polarity and filament formation; other control of cellular organization;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.329	11
3192	S0003690	VPS35	YJL154C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; endoplasmic reticulum;	S0000922	SCS2	YER120W	regulation of C-compound and carbohydrate utilization;	0.329	11
3193	S0005240		YNL296W		S0002767	VID21	YDR359C		0.329	11
3194	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	0.329	11
3195	S0006372	NUT2	YPR168W		S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.329	11
3196	S0003896	MCM22	YJR135C	nuclear and chromosomal cycle; chromosome segregation;	S0003084	CDC20	YGL116W	proteolytic degradation;	0.329	11
3197	S0003213	RTF1	YGL244W	general transcription activities;	S0003901	HIR3	YJR140C		0.329	11
3198	S0003213	RTF1	YGL244W	general transcription activities;	S0006274	MED1	YPR070W	general transcription activities;	0.329	11
3199	S0003213	RTF1	YGL244W	general transcription activities;	S0005143	GCR2	YNL199C	regulation of C-compound and carbohydrate utilization;	0.329	11
3200	S0004207		YLR217W		S0003972		YLL049W		0.329	11
3201	S0001932	CDC26	YFR036W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002668	SWM1	YDR260C	meiosis; budding, cell polarity and filament formation; other control of cellular organization;	0.329	11

3202	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0002668	SWM1	YDR260C	meiosis; budding, cell polarity and filament formation; other control of cellular organization;	0.329	11
3203	S0001213			other transcription activities; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004410	CDC73	YLR418C		0.329	11
3204	S0001932	CDC26	YFR036W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.329	11
3205	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.329	11
3206	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	0.329	11
3207	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005145		YNL201C	regulation of C-compound and carbohydrate utilization;	0.329	11
3208	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000763	RAD23	YEL037C	DNA recombination and DNA repair; DNA repair; cell wall;	0.329	11
3209	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11

3210	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	S0003142		YGL174W		0.329	11
3211	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	S0000927	RSP5	YER125W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.329	11
3212	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	S0005133	SRP1	YNL189W	protein targeting, sorting and translocation; nuclear transport; nucleus;	0.329	11
3213	S0003901	HIR3	YJR140C		S0003119	NUT1	YGL151W		0.329	11
3214	S0003901	HIR3	YJR140C		S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11
3215	S0004300	IMH1	YLR309C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; endosome;	S0005742	RUD3	YOR216C	vesicular transport ;	0.329	11

3216	S0000281		YBR077C		S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3217	S0000330	TPS1	YBR126C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; stress response;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.329	11
3218	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	0.329	11
3219	S0003095	SOH1	YGL127C	DNA recombination and DNA repair; other transcription activities;	S0003119	NUT1	YGL151W		0.329	11
3220	S0001857	TUB2	YFL037W	meiosis;	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	0.329	11

3221	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.329	11
3222	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0003583	RTT101	YJL047C	other transposable elements, viral and plasmid proteins;	0.329	11
3223	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0001176	WSS1	YHR134W		0.329	11
3224	S0001390	MET18	YIL128W	DNA recombination and DNA repair; DNA repair;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.329	11
3225	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0004125	SLX4	YLR135W		0.329	11
3226	S0001390	MET18	YIL128W	DNA recombination and DNA repair; DNA repair;	S0004258	SEC22	YLR268W	vesicular transport ;	0.329	11
3227	S0001390	MET18	YIL128W	DNA recombination and DNA repair; DNA repair;	S0001696	DOA1	YKL213C	breakdown of lipids, fatty acids and isoprenoids; proteolytic degradation; cytoplasmic and nuclear degradation;	0.329	11



3228	S0001390	MET18	YIL128W	DNA recombination and DNA repair; DNA repair;	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11
3229	S0001390	MET18	YIL128W	DNA recombination and DNA repair; DNA repair;	S0005041	PHO23	YNL097C		0.329	11
3230	S0001490	CAP1	YKL007W	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3231	S0001936	SAP155	YFR040W	budding, cell polarity and filament formation;	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	0.329	11
3232	S0002238	THI3	YDL080C	amino acid degradation ; metabolism of vitamins, cofactors, and prosthetic groups; regulation of vitamins, cofactors, and prosthetic groups metabolism;	S0004045	SPT8	YLR055C		0.329	11

3233	S0006274	MED1	YPR070W	general transcription activities;	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11
3234	S0000630	FEN1	YCR034W	lipid, fatty-acid and isoprenoid biosynthesis; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	0.329	11
3235	S0001490	CAP1	YKL007W	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005079	FPR1	YNL135C	protein folding and stabilization;	0.329	11
3236	S0002238	THI3	YDL080C	amino acid degradation ; metabolism of vitamins, cofactors, and prosthetic groups; regulation of vitamins, cofactors, and prosthetic groups metabolism;	S0000104	HIR1	YBL008W		0.329	11
3237	S0003209	DOC1	YGL240W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	0.329	11
3238	S0000157	SKT5	YBL061C	regulation of C-compound and carbohydrate utilization; cell wall;	S0000927	RSP5	YER125W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.329	11

3239	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0006339	CTF4	YPR135W	DNA synthesis and replication;	0.329	11
3240	S0003180	VAM7	YGL212W	vacuolar transport; vacuole or lysosome;	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.329	11
3241	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.329	11
3242	S0001209	CDC23	YHR166C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; cytoskeleton;	S0006339	CTF4	YPR135W	DNA synthesis and replication;	0.329	11
3243	S0003180	VAM7	YGL212W	vacuolar transport; vacuole or lysosome;	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	0.329	11
3244	S0001209	CDC23	YHR166C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; cytoskeleton;	S0000227	CHS3	YBR023C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination; cell wall;	0.329	11

3245	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0005372	HTA3 HTZ1	YOL012C	0.329	11
3246	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0005556		YOR030W budding, cell polarity and filament formation; cell wall;	0.329	11
3247	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0005564	HIR2	YOR038C	0.329	11
3248	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	S0005133	SRP1	YNL189W protein targeting, sorting and translocation; nuclear transport; nucleus;	0.329	11
3249	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0003925	REM50	YLL002W	0.329	11
3250	S0004258	SEC22	YLR268W	vesicular transport ;	S0002515	GSG1	YDR108W meiosis; vesicular transport ; sporulation and germination;	0.329	11

3251	S0004258	SEC22	YLR268W	vesicular transport ;	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11
3252	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.329	11
3253	S0004258	SEC22	YLR268W	vesicular transport ;	S0003962	UBI4	YLL039C	other protein-synthesis activities; assembly of protein complexes; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.329	11
3254	S0005133	SRP1	YNL189W	protein targeting, sorting and translocation; nuclear transport; nucleus;	S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	0.329	11
3255	S0005133	SRP1	YNL189W	protein targeting, sorting and translocation; nuclear transport; nucleus;	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	0.329	11
3256	S0000924	GLO3	YER122C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3257	S0005714	MSB1	YOR188W	budding, cell polarity and filament formation;	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	0.329	11
3258	S0002662	CHL4	YDR254W		S0003084	CDC20	YGL116W	proteolytic degradation;	0.329	11

3259	S0005714	MSB1	YOR188W	budding, cell polarity and filament formation; protein modification;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.329	11
3260	S0002653	MNN10	YDR245W	budding, cell polarity and filament formation;	S0001390	MET18	YIL128W	DNA recombination and DNA repair; DNA repair;	0.329	11
3261	S0005593	ALG8	YOR067C	protein modification;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3262	S0000419	HPC2	YBR215W		S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11
3263	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0005552	BUB3	YOR026W	cell cycle checkpoints ;	0.329	11

3264	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	S0003962	UBI4	YLL039C	other protein-synthesis activities; assembly of protein complexes; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.329	11
3265	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.329	11
3266	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0003962	UBI4	YLL039C	other protein-synthesis activities; assembly of protein complexes; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.329	11
3267	S0001404	CCT2	YIL142W	protein folding and stabilization;	S0004494	RAD52	YML032C	DNA recombination and DNA repair; DNA repair; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3268	S0001404	CCT2	YIL142W	protein folding and stabilization;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.329	11
3269	S0002987	CKB1	YGL019W	tRNA transcription; tRNA synthesis;	S0005565	CKB2	YOR039W	tRNA transcription; other tRNA-transcription activities;	0.329	11
3270	S0003901	HIR3	YJR140C		S0002238	THI3	YDL080C	amino acid degradation ; metabolism of vitamins, cofactors, and prosthetic groups; regulation of vitamins, cofactors, and prosthetic groups metabolism;	0.329	11
3271	S0004310	EST2	YLR318W	DNA synthesis and replication; nucleus; organization of chromosome structure;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11

3272	S0005552	BUB3	YOR026W	cell cycle checkpoints ;	S0006007	ELP3	YPL086C	DNA restriction or modification; chromatin modification; protein modification;	0.329	11
3273	S0005552	BUB3	YOR026W	cell cycle checkpoints ;	S0005133	SRP1	YNL189W	protein targeting, sorting and translocation; nuclear transport; nucleus;	0.329	11
3274	S0003119	NUT1	YGL151W		S0000104	HIR1	YBL008W		0.329	11
3275	S0002483	RAD55	YDR076W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0005115		YNL171C		0.329	11
3276	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3277	S0002767	VID21	YDR359C		S0000179		YBL083C		0.329	11
3278	S0000922	SCS2	YER120W	regulation of C-compound and carbohydrate utilization;	S0005013		YNL069C		0.329	11
3279	S0000963	SPT2	YER161C		S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11



									cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; budding, cell polarity and filament formation; regulator of G-protein signalling;		
3280	S0000438	ARC40	YBR234C	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000039	CDC24	YAL041W		0.329	11	
3281	S0002767	VID21	YDR359C		S0000398		YBR194W		0.329	11	
3282	S0005990	BTS1	YPL069C	lipid, fatty-acid and isoprenoid biosynthesis;	S0001390	MET18	YIL128W	DNA recombination and DNA repair; DNA repair;	0.329	11	
3283	S0002767	VID21	YDR359C		S0005159	IES2	YNL215W		0.329	11	
3284	S0005876	CIN1	YOR349W		S0005133	SRP1	YNL189W	protein targeting, sorting and translocation; nuclear transport; nucleus;	0.329	11	
3285	S0004561		YML095C-A		S0002791				0.329	11	
3286	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003367	PRE9	YGR135W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.329	11	
3287	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001906	UBP6	YFR010W	protein modification; proteolytic degradation;	0.329	11	
3288	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.329	11	
3289	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0003865	SOD1	YJR104C	detoxification;	0.329	11	

3290	S0003674	TIF2	YJL138C	translation;	S0005441		YOL081W	nucleotide metabolism; metabolism of cyclic and unusual nucleotides; regulation of nucleotide metabolism;	0.329	11
3291	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.329	11
3292	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0003183	CLG1	YGL215W		0.329	11
3293	S0005565	CKB2	YOR039W	tRNA transcription; other tRNA-transcription activities;	S0004378	VAC14	YLR386W		0.329	11
3294	S0005553	STI1	YOR027W	stress response; cell growth / morphogenesis;	S0004478	PPZ1	YML016C	stress response;	0.329	11
3295	S0005553	STI1	YOR027W	stress response; cell growth / morphogenesis;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.329	11
3296	S0005553	STI1	YOR027W	stress response; cell growth / morphogenesis;	S0005441		YOL081W	nucleotide metabolism; metabolism of cyclic and unusual nucleotides; regulation of nucleotide metabolism;	0.329	11
3297	S0005887	PDE2	YOR360C	nucleotide metabolism; metabolism of cyclic and unusual nucleotides;	S0003962	UBI4	YLL039C	other protein-synthesis activities; assembly of protein complexes; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.329	11
3298	S0004641	LYS7	YMR038C	other protein fate related activities; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.329	11
3299	S0001046	NEM1	YHR004C	meiosis; sporulation and germination; nucleus;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3300	S0003972		YLL049W		S0003185		YGL217C		0.329	11

3301	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002562	CPH1 CPR1	YDR155C	protein folding and stabilization; stress response;	0.329	11
3302	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0006007	ELP3	YPL086C	DNA restriction or modification; chromatin modification; protein modification;	0.329	11

3303	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000375	SEC66	YBR171W	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.329	11
3304	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004349	RSC2	YLR357W	DNA restriction or modification; chromatin modification; nucleus; organization of chromosome structure;	0.329	11

3305	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005237	MSB3	YNL293W		0.329	11
3306	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003944	SPA2	YLL021W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11

3307	S0000634	BUD5	YCR038C	budding, cell polarity and filament formation;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.329	11
3308	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002701	SSD1	YDR293C	stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.329	11

3309	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003135	PMR1	YGL167C	vesicular transport ; ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.329	11
3310	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000673	PAT1	YCR077C	DNA synthesis and replication; DNA recombination and DNA repair; mRNA processing ;	0.329	11

3311	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000922	SCS2	YER120W	regulation of C-compound and carbohydrate utilization;	0.329	11
3312	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005145		YNL201C	regulation of C-compound and carbohydrate utilization;	0.329	11
3313	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	S0001696	DOA1	YKL213C	breakdown of lipids, fatty acids and isoprenoids; proteolytic degradation; cytoplasmic and nuclear degradation;	0.329	11



3314	S0000673	PAT1	YCR077C	DNA synthesis and replication; DNA recombination and DNA repair; mRNA processing ;	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11
3315	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000913	SWI4	YER111C		0.329	11
3316	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000049		YAL053W		0.329	11

3317	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	S0005743	RFC1	YOR217W	DNA synthesis and replication;	0.329	11
3318	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	S0005046	POL1	YNL102W	DNA synthesis and replication;	0.329	11
3319	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	S0002459	DBF4	YDR052C	DNA synthesis and replication;	0.329	11
3320	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3321	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001153		YHR111W	metabolism of vitamins, cofactors, and prosthetic groups; biosynthesis of vitamins, cofactors, and prosthetic groups;	0.329	11
3322	S0004312		YLR320W		S0004225		YLR235C		0.329	11

									regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;		
3323	S0001054	VPS29	YHR012W	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; vacuole or lysosome;	S0002164	PTC1	YDL006W		0.329	11	
3324	S0000435	AOR1	YBR231C		S0005606		YOR080W		0.329	11	
3325	S0003963	VPS13	YLL040C	protein targeting, sorting and translocation;	S0005372	HTA3 HTZ1	YOL012C		0.329	11	
3326	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0006113	PRM3	YPL192C		0.329	11	
3327	S0006036	BEM3	YPL115C	cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0005552	BUB3	YOR026W	cell cycle checkpoints ;	0.329	11	

3328	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0005594	YOR068C	0.329	11
3329	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0003049	YGL081W	0.329	11
3330	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0000051	YAL055W peroxisomal transport;	0.329	11
3331	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0002365	YDL206W other transport facilitators; DNA recombination and DNA repair; DNA repair;	0.329	11
3332	S0000063	NUP60	YAR002W	nuclear transport;	S0002777	XRS2 YDR369C meiosis;	0.329	11

3333	S0006036	BEM3	YPL115C	cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton; target of regulation; regulator of G- protein signalling;	S0000435	AOR1	YBR231C	0.329	11	
3334	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	S0005606		YOR080W	0.329	11	
3335	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	S0001906	UBP6	YFR010W	protein modification; proteolytic degradation;	0.329	11
3336	S0002728		YDR320C	vesicular transport ;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3337	S0004300	IMH1	YLR309C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; endosome;	S0000757	SPF1	YEL031W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.329	11
3338	S0006007	ELP3	YPL086C	DNA restriction or modification; chromatin modification; protein modification;	S0003179		YGL211W		0.329	11
3339	S0004996		YNL051W		S0002544		YDR137W	cell growth / morphogenesis; stress response; cell growth	0.329	11
3340	S0003901	HIR3	YJR140C		S0005553	ST11	YOR027W	/ morphogenesis;	0.329	11
3341	S0000063	NUP60	YAR002W	nuclear transport;	S0005606		YOR080W		0.329	11
3342	S0001643		YKL160W		S0003213	RTF1	YGL244W	general transcription activities;	0.329	11
3343	S0003219		YGL250W		S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	0.329	11

				ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0002656	YDR248C	0.329	11
3344	S0001673	CNB1	YKL190W					
3345	S0002988		YGL020C		S0002544	YDR137W cell growth / morphogenesis;	0.329	11
				ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0003164	YGL196W	0.329	11
3346	S0001673	CNB1	YKL190W					
3347	S0005632	VAM3	YOR106W	assembly of protein complexes; vacuolar transport;	S0002544	YDR137W cell growth / morphogenesis;	0.329	11
3348	S0004659	BUB2	YMR055C	cell cycle checkpoints ;	S0003119	NUT1 YGL151W	0.329	11
				other lipid, fatty-acid and isoprenoid metabolism activities;	S0005133	SRP1 YNL189W protein targeting, sorting and translocation; nuclear	0.329	11
3349	S0005050	INP52	YNL106C					
3350	S0000913	SWI4	YER111C		S0005606	YOR080W transport; nucleus;	0.329	11
				cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0003055	YGL087C DNA recombination and DNA repair; DNA repair;	0.329	11
3351	S0004329	VRP1	YLR337W					
3352	S0004659	BUB2	YMR055C	cell cycle checkpoints ;	S0004360	YLR368W	0.329	11
					S0002544	YDR137W cell growth / morphogenesis;	0.329	11
3353	S0002610		YDR202C					

3354	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	S0003179		YGL211W	0.329	11
3355	S0001390	MET18	YIL128W	DNA recombination and DNA repair; DNA repair;	S0000757	SPF1	YEL031W	0.329	11
3356	S0003651	ASF1	YJL115W		S0000379	SWD3	YBR175W	0.329	11
3357	S0003794	RAV1	YJR033C	electron transport and membrane-associated energy conservation; accessory proteins of electron transport and membrane-associated energy conservation;	S0005378	TLG2	YOL018C	0.329	11
3358	S0000886				S0002544		YDR137W	0.329	11
3359	S0003794	RAV1	YJR033C	electron transport and membrane-associated energy conservation;	S0002544		YDR137W	0.329	11
3360	S0004365	VID22	YLR373C		S0000916	BOI2	YER114C	0.329	11

3361	S0005792	PNT1	YOR266W	detoxification;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.329	11
3362	S0004077		YLR087C		S0003962	UBI4	YLL039C	other protein-synthesis activities; assembly of protein complexes; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.329	11
3363	S0005238		YNL294C		S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11
3364	S0000788	NPR2	YEL062W	nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.329	11
3365	S0004536		YML071C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3366	S0002258		YDL100C	detoxification;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3367	S0005334	BRE5	YNR051C		S0000922	SCS2	YER120W	regulation of C-compound and carbohydrate utilization;	0.329	11
3368	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0002191		YDL033C		0.329	11
3369	S0004224	TOP3	YLR234W	meiosis;	S0004312		YLR320W		0.329	11



3370	S0004224	TOP3	YLR234W	meiosis;	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	0.329	11
				regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;						
3371	S0005364	SIN3	YOL004W		S0005084		YNL140C		0.329	11
3372	S0005334	BRE5	YNR051C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
				protein targeting, sorting and translocation; nuclear transport; nucleus;						
3373	S0005133	SRP1	YNL189W		S0003567	MAD2	YJL030W	cell cycle checkpoints ;	0.329	11
3374	S0003084	CDC20	YGL116W	proteolytic degradation; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0004373	CTF3	YLR381W		0.329	11
				general transcription activities;						
3375	S0004715	MYO5	YMR109W		S0000312		YBR108W		0.329	11
3376	S0003213	RTF1	YGL244W		S0006288				0.329	11
				general transcription activities;						
3377	S0003213	RTF1	YGL244W		S0004505		YML041C		0.329	11
				general transcription activities;						
3378	S0003213	RTF1	YGL244W		S0000280	ECM8	YBR076W	cell wall;	0.329	11
				general transcription activities;						
3379	S0003213	RTF1	YGL244W		S0004887	RCE1	YMR274C	protein modification; metabolism of vitamins, cofactors, and prosthetic groups;	0.329	11
				general transcription activities;						
3380	S0003213	RTF1	YGL244W		S0004229		YLR239C		0.329	11
				general transcription activities;						
3381	S0003213	RTF1	YGL244W		S0007243		YKL053C-A		0.329	11
				general transcription activities;				other transposable elements, viral and plasmid proteins;		
3382	S0003213	RTF1	YGL244W		S0002697	RTT103	YDR289C		0.329	11
				general transcription activities;						
3383	S0003213	RTF1	YGL244W		S0004307		YLR315W		0.329	11
				general transcription activities;						
3384	S0003213	RTF1	YGL244W		S0002988		YGL020C		0.329	11

3385	S0003213	RTF1	YGL244W	general transcription activities;	S0001696	DOA1	YKL213C	breakdown of lipids, fatty acids and isoprenoids; proteolytic degradation; cytoplasmic and nuclear degradation;	0.329	11
3386	S0003213	RTF1	YGL244W	general transcription activities;	S0002160	NHP10	YDL002C		0.329	11
3387	S0003213	RTF1	YGL244W	general transcription activities;	S0000757	SPF1	YEL031W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.329	11
3388	S0003213	RTF1	YGL244W	general transcription activities;	S0004259		YLR269C		0.329	11
3389	S0003213	RTF1	YGL244W	general transcription activities;	S0005556		YOR030W	budding, cell polarity and filament formation; cell wall;	0.329	11
3390	S0003213	RTF1	YGL244W	general transcription activities;	S0000398		YBR194W		0.329	11
3391	S0003213	RTF1	YGL244W	general transcription activities;	S0002191		YDL033C		0.329	11
3392	S0003213	RTF1	YGL244W	general transcription activities;	S0005387				0.329	11
3393	S0003213	RTF1	YGL244W	general transcription activities;	S0004342		YLR350W		0.329	11
3394	S0003213	RTF1	YGL244W	general transcription activities;	S0005084		YNL140C		0.329	11
3395	S0003213	RTF1	YGL244W	general transcription activities;	S0004888		YMR275C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.329	11
3396	S0003213	RTF1	YGL244W	general transcription activities;	S0005159	IES2	YNL215W		0.329	11
3397	S0003213	RTF1	YGL244W	general transcription activities;	S0002893		YDR485C		0.329	11
3398	S0003213	RTF1	YGL244W	general transcription activities;	S0005606		YOR080W		0.329	11
3399	S0003213	RTF1	YGL244W	general transcription activities;	S0001906	UBP6	YFR010W	protein modification; proteolytic degradation;	0.329	11

3400	S0000542	SRO9	YCL037C	other transcription activities; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; protein targeting, sorting and translocation;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3401	S0005595	VPS5	YOR069W		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3402	S0004279	MEC3	YLR288C	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; cell wall;	S0003865	SOD1	YJR104C	detoxification;	0.329	11
3403	S0003213	RTF1	YGL244W	general transcription activities;	S0003142		YGL174W		0.329	11
3404	S0003213	RTF1	YGL244W	general transcription activities;	S0000759		YEL033W		0.329	11
3405	S0003213	RTF1	YGL244W	general transcription activities;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3406	S0000627		YCR031C		S0005553	STI1	YOR027W	stress response; cell growth / morphogenesis;	0.329	11
3407	S0004658	STV1	YMR054W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3408	S0004279	MEC3	YLR288C	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; cell wall;	S0003119	NUT1	YGL151W		0.329	11
3409	S0004279	MEC3	YLR288C	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; cell wall;	S0005553	STI1	YOR027W	stress response; cell growth / morphogenesis;	0.329	11
3410	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0005939	CTF19	YPL018W		0.329	11

3411	S0004101		YLR111W		S0003962	UBI4	YLL039C	other protein-synthesis activities; assembly of protein complexes; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;	0.329	11
3412	S0001338	SEC28	YIL076W	protein targeting, sorting and translocation; vesicular transport ;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3413	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	S0005606		YOR080W		0.329	11
3414	S0000941		YER139C		S0003213	RTF1	YGL244W	general transcription activities;	0.329	11
3415	S0004005	BRE2	YLR015W		S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.329	11
3416	S0004005	BRE2	YLR015W		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3417	S0004887	RCE1	YMR274C	protein modification;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3418	S0005606		YOR080W		S0001906	UBP6	YFR010W	protein modification; proteolytic degradation;	0.329	11
3419	S0005606		YOR080W		S0003966	FPS1	YLL043W	C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters;	0.329	11

3420	S0005606		YOR080W		S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.329	11
3421	S0002987	CKB1	YGL019W	tRNA transcription; tRNA synthesis;	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	0.329	11
3422	S0002987	CKB1	YGL019W	tRNA transcription; tRNA synthesis;	S0004378	VAC14	YLR386W		0.329	11
3423	S0004730	PKR1	YMR123W	drug transporters;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3424	S0005241		YNL297C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3425	S0004986	COD2	YNL041C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3426	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	S0003179		YGL211W		0.329	11
3427	S0003119	NUT1	YGL151W		S0005895	RAD17	YOR368W	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; meiosis;	0.329	11
3428	S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	S0000158		YBL062W		0.329	11
3429	S0002611		YDR203W		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3430	S0005552	BUB3	YOR026W	cell cycle checkpoints ;	S0002791				0.329	11

3431	S0003119	NUT1	YGL151W		S0002310		YDL151C		0.329	11
3432	S0000198	SFT2	YBL102W		S0000492	APM3	YBR288C	cellular import;	0.329	11
3433	S0001052	RPL27A	YHR010W		S0000379	SWD3	YBR175W		0.329	11
				cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;				regulation of C-compound and carbohydrate utilization;		
3434	S0000404	BEM1	YBR200W		S0005145		YNL201C		0.329	11
3435	S0005552	BUB3	YOR026W	cell cycle checkpoints ; protein targeting, sorting and translocation; mitochondrial transport;	S0003142		YGL174W		0.329	11
3436	S0004527	MFT1	YML062C		S0001718	TOF2	YKR010C		0.329	11
				protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;				cell growth / morphogenesis; proteolytic degradation; cytoplasmic and nuclear degradation; proteasomal degradation;		
3437	S0005378	TLG2	YOL018C		S0002544		YDR137W		0.329	11
3438	S0002767	VID21	YDR359C		S0005649	LEO1	YOR123C		0.329	11
				C-compound and carbohydrate transporters; other C-compound transporters;				other protein-synthesis activities; assembly of protein complexes; proteolytic degradation; cytoplasmic and nuclear degradation; stress response; sporulation and germination;		
3439	S0003052	GUP1	YGL084C		S0003962	UBI4	YLL039C		0.329	11
3440	S0004561		YML095C-A		S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.329	11
								protein targeting, sorting and translocation; nuclear transport; nucleus;		
3441	S0004561		YML095C-A		S0005133	SRP1	YNL189W		0.329	11

3442	S0005372	HTA3 HTZ1	YOL012C		S0005606		YOR080W		0.329	11
3443	S0005372	HTA3 HTZ1	YOL012C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3444	S0003674	TIF2	YJL138C	translation;	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	0.329	11
3445	S0004651	CSM3	YMR048W		S0003551	CCT3	YJL014W	protein folding and stabilization;	0.329	11
3446	S0001023	GOS1	YHL031C	protein targeting, sorting and translocation; vesicular transport ;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3447	S0004651	CSM3	YMR048W		S0001404	CCT2	YIL142W	protein folding and stabilization;	0.329	11
3448	S0006288				S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3449	S0004606	MVP1	YMR004W	protein targeting, sorting and translocation; vacuolar transport;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3450	S0004194	QRI5	YLR204W		S0003213	RTF1	YGL244W	cell growth / morphogenesis; general transcription activities;	0.329	11
3451	S0004777	MLH1	YMR167W	DNA recombination and DNA repair; meiosis;	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	0.329	11
3452	S0004206	CPR6	YLR216C	protein folding and stabilization;	S0003136		YGL168W		0.329	11
3453	S0004206	CPR6	YLR216C	protein folding and stabilization;	S0003972		YLL049W		0.329	11
3454	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0005887	PDE2	YOR360C	nucleotide metabolism; metabolism of cyclic and unusual nucleotides;	0.329	11
3455	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0005895	RAD17	YOR368W	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; meiosis;	0.329	11
3456	S0000022	LTE1	YAL024C		S0003972		YLL049W		0.329	11
3457	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0005565	CKB2	YOR039W	tRNA transcription; other tRNA-transcription activities;	0.329	11
3458	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0004342		YLR350W		0.329	11
3459	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0000478	CHK1	YBR274W	cell cycle checkpoints ;	0.329	11
3460	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0001539		YKL056C		0.329	11

3461	S0002718	SUM1	YDR310C		S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3462	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0004427		YLR435W		0.329	11
3463	S0003690	VPS35	YJL154C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; endoplasmic reticulum;	S0005145		YNL201C	regulation of C-compound and carbohydrate utilization;	0.329	11
3464	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0000104	HIR1	YBL008W		0.329	11
3465	S0005594		YOR068C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3466	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0002310		YDL151C		0.329	11
3467	S0005553	ST11	YOR027W	stress response; cell growth / morphogenesis;	S0004225		YLR235C		0.329	11
3468	S0003690	VPS35	YJL154C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; endoplasmic reticulum;	S0003972		YLL049W		0.329	11
3469	S0003690	VPS35	YJL154C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; endoplasmic reticulum;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11



3470	S0004641	LYS7	YMR038C	other protein fate related activities; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	S0005606		YOR080W		0.329	11
3471	S0005978	SUR1	YPL057C	lipid, fatty-acid and isoprenoid biosynthesis; budding, cell polarity and filament formation;	S0005606		YOR080W		0.329	11
3472	S0005240		YNL296W		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3473	S0005976		YPL055C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3474	S0002718	SUM1	YDR310C		S0000312		YBR108W		0.329	11
3475	S0002718	SUM1	YDR310C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3476	S0001302		YIL040W		S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11
3477	S0005742	RUD3	YOR216C	vesicular transport ;	S0000312		YBR108W		0.329	11
3478	S0005742	RUD3	YOR216C	vesicular transport ;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3479	S0003213	RTF1	YGL244W	general transcription activities;	S0001302		YIL040W		0.329	11
3480	S0003213	RTF1	YGL244W	general transcription activities;	S0001210		YHR167W		0.329	11
3481	S0003213	RTF1	YGL244W	general transcription activities;	S0000886				0.329	11
3482	S0003213	RTF1	YGL244W	general transcription activities;	S0005978	SUR1	YPL057C	lipid, fatty-acid and isoprenoid biosynthesis; budding, cell polarity and filament formation;	0.329	11
3483	S0002544		YDR137W	cell growth / morphogenesis;	S0000640	COS16	YCR044C	ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.329	11

3484	S0002232	BRE1	YDL074C		S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.329	11
3485	S0002232	BRE1	YDL074C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3486	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004929		YMR312W	general transcription activities;	0.329	11

3487	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003383	YGR151C	0.329	11
3488	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003136	YGL168W	0.329	11
3489	S0005658	VPS17	YOR132W	protein targeting, sorting and translocation;	S0002544	YDR137W cell growth / morphogenesis;	0.329	11

3490	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; lipid, fatty-acid and isoprenoid biosynthesis;	S0003179	YGL211W		0.329	11	
3491	S0003834	OPI3	YJR073C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; vacuole or lysosome;	S0002544	YDR137W	cell growth / morphogenesis;	0.329	11	
3492	S0001054	VPS29	YHR012W	protein folding and stabilization; protein modification; sporulation and germination;	S0005145	YNL201C	regulation of C-compound and carbohydrate utilization;	0.329	11	
3493	S0004763				S0005606	YOR080W		0.329	11	
3494	S0001728		YKR020W		S0000922	SCS2	YER120W	regulation of C-compound and carbohydrate utilization;	0.329	11
3495	S0000435	AOR1	YBR231C		S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.329	11

3496	S0001054	VPS29	YHR012W	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; vacuole or lysosome;	S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3497	S0002973		YGL005C		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3498	S0001728		YKR020W		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3499	S0002742		YDR334W		S0002544		YDR137W	cell growth / morphogenesis;	0.329	11
3500	S0003906	RPS4A	YJR145C		S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	0.329	11
3501	S0001390	MET18	YIL128W	DNA recombination and DNA repair; DNA repair;	S0000299		YBR095C		0.329	11
3502	S0000757	SPF1	YEL031W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism;	S0000312		YBR108W		0.329	11
3503	S0005552	BUB3	YOR026W	transport ATPases; cell cycle checkpoints ;	S0005792	PNT1	YOR266W	detoxification;	0.329	11
3504	S0003213	RTF1	YGL244W	general transcription activities;	S0000002	VPS8	YAL002W	protein targeting, sorting and translocation; vacuolar transport;	0.329	11
3505	S0003213	RTF1	YGL244W	general transcription activities;	S0002743	MSN5	YDR335W	nuclear transport; pheromone response, mating-type determination, sex-specific proteins;	0.329	11
3506	S0003213	RTF1	YGL244W	general transcription activities;	S0005823	TIM18	YOR297C	protein targeting, sorting and translocation;	0.329	11

				regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation;					
3507	S0002164	PTC1	YDL006W	mitochondrion;	S0000049		YAL053W	0.329	11
3508	S0003213	RTF1	YGL244W	general transcription activities;	S0005142		YNL198C	0.329	11
3509	S0000049				S0002544		YDR137W cell growth / morphogenesis;	0.329	11
3510	S0004505				S0002544		YDR137W cell growth / morphogenesis;	0.329	11
3511	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0004330		YLR338W	0.329	11
3512	S0000002	VPS8	YAL002W	protein targeting, sorting and translocation; vacuolar transport;	S0002544		YDR137W cell growth / morphogenesis;	0.329	11
3513	S0003213	RTF1	YGL244W	general transcription activities;	S0005527	RRP6	YOR001W	0.329	11
3514	S0002235	VAM6	YDL077C	proteolytic degradation; lysosomal and vacuolar degradation;	S0002544		YDR137W cell growth / morphogenesis;	0.329	11
3515	S0003337	VMA21	YGR105W	assembly of protein complexes;	S0002544		YDR137W cell growth / morphogenesis;	0.329	11
3516	S0003213	RTF1	YGL244W	general transcription activities;	S0004767		YMR158W	0.329	11
3517	S0003180	VAM7	YGL212W	vacuolar transport; vacuole or lysosome;	S0004330		YLR338W	0.329	11
3518	S0003213	RTF1	YGL244W	general transcription activities;	S0005990	BTS1	YPL069C lipid, fatty-acid and isoprenoid biosynthesis;	0.329	11
3519	S0003213	RTF1	YGL244W	general transcription activities;	S0004763		protein folding and stabilization; protein modification; sporulation and germination;	0.329	11
3520	S0004258	SEC22	YLR268W	vesicular transport ;	S0005606		YOR080W	0.329	11
3521	S0000780	RPL12A	YEL054C		S0005839		YOR312C	0.223	12

3522	S0000993	RPL14B	YHL001W		S0005013	YNL069C		0.223	12	
3523	S0003341		YGR109C	DNA synthesis and replication; meiosis; DNA synthesis and replication; meiosis;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.223	12
3524	S0003341		YGR109C		S0002314			0.223	12	
3525	S0000993	RPL14B	YHL001W		S0002156		YBR084C-A	0.223	12	
3526	S0000780	RPL12A	YEL054C		S0001052	RPL27A	YHR010W	0.223	12	
3527	S0000993	RPL14B	YHL001W		S0000123	RPL19B	YBL027W	0.223	12	
3528	S0000780	RPL12A	YEL054C		S0005013		YNL069C	0.223	12	
3529	S0002135		YER056C-A		S0002156		YBR084C-A	0.223	12	
3530	S0000780	RPL12A	YEL054C		S0002156		YBR084C-A	0.223	12	
3531	S0002135		YER056C-A		S0000123	RPL19B	YBL027W	0.223	12	
3532	S0000780	RPL12A	YEL054C		S0000123	RPL19B	YBL027W	0.223	12	
3533	S0006306	RPL11A	YPR102C		S0000123	RPL19B	YBL027W	0.223	12	
3534	S0001025	RPL8A	YHL033C		S0005839		YOR312C	0.223	12	
3535	S0001368	MOB1	YIL106W		S0005335	POP2	YNR052C	regulation of C-compound and carbohydrate utilization; sporulation and germination;	0.223	12
3536	S0004317	RPL38	YLR325C		S0005839		YOR312C	0.223	12	
3537	S0004254	RPS28B	YLR264W		S0003672		YJL136C	0.223	12	
3538	S0001025	RPL8A	YHL033C		S0005013		YNL069C	0.223	12	
3539	S0004254	RPS28B	YLR264W		S0002858	RPS18A	YDR450W	0.223	12	
3540	S0004317	RPL38	YLR325C		S0001052	RPL27A	YHR010W	0.223	12	
3541	S0001025	RPL8A	YHL033C		S0002156		YBR084C-A	0.223	12	
3542	S0004317	RPL38	YLR325C		S0005013		YNL069C	0.223	12	
3543	S0001025	RPL8A	YHL033C		S0000123	RPL19B	YBL027W	0.223	12	
3544	S0004254	RPS28B	YLR264W		S0000252		YBR048W	0.223	12	
3545	S0004317	RPL38	YLR325C		S0002156		YBR084C-A	0.223	12	
3546	S0004317	RPL38	YLR325C		S0000123	RPL19B	YBL027W	0.223	12	
3547	S0004359		YLR367W		S0000252		YBR048W	0.223	12	
3548	S0004538		YML073C		S0001052	RPL27A	YHR010W	0.223	12	
3549	S0003266		YGR034W		S0001052	RPL27A	YHR010W	0.223	12	
3550	S0004538		YML073C		S0005013		YNL069C	0.223	12	
3551	S0005246		YNL302C		S0000252		YBR048W	0.223	12	
3552	S0003266		YGR034W		S0005013		YNL069C	0.223	12	
3553	S0004538		YML073C		S0002156		YBR084C-A	0.223	12	
3554	S0000385		YBR181C		S0002858	RPS18A	YDR450W	0.223	12	
3555	S0004488	RPS18B	YML026C		S0002432	RPS11A	YDR025W	0.223	12	
3556	S0004538		YML073C		S0000123	RPL19B	YBL027W	0.223	12	
3557	S0003266		YGR034W		S0002156		YBR084C-A	0.223	12	
3558	S0004488	RPS18B	YML026C		S0003672		YJL136C	0.223	12	

3559	S0000130	STU1	YBL034C	S0006162	CIN2	YPL241C	0.223	12
3560	S0003266		YGR034W	S0000123	RPL19B	YBL027W	0.223	12
3561	S0004488	RPS18B	YML026C	S0002858	RPS18A	YDR450W	0.223	12
3562	S0000385		YBR181C	S0000252		YBR048W	0.223	12
3563	S0002998	RPL30	YGL030W	S0001052	RPL27A	YHR010W	0.223	12
3564	S0004751		YMR143W	S0002432	RPS11A	YDR025W	0.223	12
3565	S0004751		YMR143W	S0003672		YJL136C	0.223	12
3566	S0003350	RPS23A	YGR118W	S0003672		YJL136C	0.223	12
3567	S0002998	RPL30	YGL030W	S0005013		YNL069C	0.223	12
3568	S0004751		YMR143W	S0002858	RPS18A	YDR450W	0.223	12
3569	S0003350	RPS23A	YGR118W	S0002858	RPS18A	YDR450W	0.223	12
3570	S0002998	RPL30	YGL030W	S0002156		YBR084C-A	0.223	12
3571	S0001331		YIL069C	S0002432	RPS11A	YDR025W	0.223	12
3572	S0002998	RPL30	YGL030W	S0000123	RPL19B	YBL027W	0.223	12
3573	S0005819		YOR293W	S0003672		YJL136C	0.223	12
3574	S0001331		YIL069C	S0003672		YJL136C	0.223	12
3575	S0004751		YMR143W	S0000252		YBR048W	0.223	12
3576	S0005819		YOR293W	S0002858	RPS18A	YDR450W	0.223	12
3577	S0001331		YIL069C	S0002858	RPS18A	YDR450W	0.223	12
3578	S0005819		YOR293W	S0003726	RPS22A	YJL190C	0.223	12
3579	S0005819		YOR293W	S0000252		YBR048W	0.223	12
3580	S0001331		YIL069C	S0000252		YBR048W	0.223	12
			regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;					
3581	S0005816	SNF2	YOR290C	S0006238	ARP7	YPR034W	0.223	12
3582	S0002826	RPL12B	YDR418W	S0001052	RPL27A	YHR010W	0.223	12
3583	S0003157	RPS26A	YGL189C	S0002432	RPS11A	YDR025W	0.223	12
3584	S0000188	RPL32	YBL092W	S0005839		YOR312C	0.223	12
3585	S0003157	RPS26A	YGL189C	S0003672		YJL136C	0.223	12
3586	S0002826	RPL12B	YDR418W	S0000123	RPL19B	YBL027W	0.223	12
3587	S0002855		YDR447C	S0002858	RPS18A	YDR450W	0.223	12
3588	S0003157	RPS26A	YGL189C	S0002858	RPS18A	YDR450W	0.223	12
3589	S0002855		YDR447C	S0003726	RPS22A	YJL190C	0.223	12
3590	S0000188	RPL32	YBL092W	S0001052	RPL27A	YHR010W	0.223	12
3591	S0000395		YBR191W	S0005013		YNL069C	0.223	12
3592	S0002855		YDR447C	S0000252		YBR048W	0.223	12
3593	S0003157	RPS26A	YGL189C	S0000252		YBR048W	0.223	12
3594	S0000188	RPL32	YBL092W	S0005013		YNL069C	0.223	12
3595	S0000395		YBR191W	S0002156		YBR084C-A	0.223	12



3596	S0000188	RPL32	YBL092W		S0002156		YBR084C-A	0.223	12
3597	S0000395		YBR191W		S0000123	RPL19B	YBL027W	0.223	12
				proteolytic degradation; cytoplasmic and nuclear degradation;					
3598	S0001410		YIL148W		S0001052	RPL27A	YHR010W	0.223	12
3599	S0000188	RPL32	YBL092W		S0000123	RPL19B	YBL027W	0.223	12
				proteolytic degradation; cytoplasmic and nuclear degradation;					
3600	S0001410		YIL148W		S0005013		YNL069C	0.223	12
				proteolytic degradation; cytoplasmic and nuclear degradation;					
3601	S0001410		YIL148W		S0002156		YBR084C-A	0.223	12
3602	S0001007	RPS20	YHL015W		S0002858	RPS18A	YDR450W	0.223	12
				proteolytic degradation; cytoplasmic and nuclear degradation;					
3603	S0001410		YIL148W		S0000123	RPL19B	YBL027W	0.223	12
3604	S0001314	RPL34B	YIL052C		S0005839		YOR312C	0.223	12
3605	S0001007	RPS20	YHL015W		S0000252		YBR048W	0.223	12
3606	S0006011		YPL090C		S0002432	RPS11A	YDR025W	0.223	12
3607	S0006011		YPL090C		S0003672		YJL136C	0.223	12
3608	S0006011		YPL090C		S0002858	RPS18A	YDR450W	0.223	12
3609	S0001314	RPL34B	YIL052C		S0001052	RPL27A	YHR010W	0.223	12
3610	S0001314	RPL34B	YIL052C		S0005013		YNL069C	0.223	12
3611	S0006141		YPL220W		S0001052	RPL27A	YHR010W	0.223	12
3612	S0006011		YPL090C		S0000252		YBR048W	0.223	12
3613	S0001314	RPL34B	YIL052C		S0002156		YBR084C-A	0.223	12
3614	S0006141		YPL220W		S0005013		YNL069C	0.223	12
3615	S0005896		YOR369C		S0002858	RPS18A	YDR450W	0.223	12
3616	S0001314	RPL34B	YIL052C		S0000123	RPL19B	YBL027W	0.223	12
3617	S0006141		YPL220W		S0002156		YBR084C-A	0.223	12
3618	S0006141		YPL220W		S0000123	RPL19B	YBL027W	0.223	12
3619	S0005896		YOR369C		S0000252		YBR048W	0.223	12
							cytoskeleton-dependent transport;		
3620	S0005430	NUF2	YOL069W		S0004811	CIK1	YMR198W	0.223	12
							cytoskeleton-dependent transport;		
3621	S0005430	NUF2	YOL069W		S0004908	JNM1	YMR294W	0.223	12
3622	S0000183	RPL23A	YBL087C		S0001052	RPL27A	YHR010W	0.223	12
3623	S0000183	RPL23A	YBL087C		S0005013		YNL069C	0.223	12
3624	S0003968		YLL045C		S0000123	RPL19B	YBL027W	0.223	12
				general transcription activities; stress response;					
3625	S0002812	RPB7	YDR404C		S0004410	CDC73	YLR418C	0.223	12

3626	S0000393		YBR189W		S0003672		YJL136C		0.223	12
3627	S0000183	RPL23A	YBL087C		S0000123	RPL19B	YBL027W		0.223	12
3628	S0000393		YBR189W		S0002858	RPS18A	YDR450W		0.223	12
3629	S0003340	CLB1	YGR108W		S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.223	12
3630	S0002295		YDL136W		S0000123	RPL19B	YBL027W		0.223	12
3631	S0000393		YBR189W		S0000252		YBR048W		0.223	12
3632	S0004278		YLR287C-A		S0000252		YBR048W		0.223	12
3633	S0002241		YDL083C		S0000252		YBR048W		0.223	12
3634	S0005245	RPL18B	YNL301C		S0000123	RPL19B	YBL027W		0.223	12
3635	S0001802		YKR094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000123	RPL19B	YBL027W		0.223	12
3636	S0004722	ASC1	YMR116C	fermentation; translation;	S0002432	RPS11A	YDR025W		0.223	12
3637	S0004722	ASC1	YMR116C	fermentation; translation;	S0003672		YJL136C		0.223	12
3638	S0003044		YGL076C		S0002156		YBR084C-A		0.223	12
3639	S0000123	RPL19B	YBL027W		S0002240		YDL082W		0.223	12
3640	S0000123	RPL19B	YBL027W		S0004065		YLR075W	assembly of protein complexes;	0.223	12
3641	S0003044		YGL076C		S0000123	RPL19B	YBL027W		0.223	12
3642	S0004722	ASC1	YMR116C	fermentation; translation;	S0002858	RPS18A	YDR450W		0.223	12
3643	S0004722	ASC1	YMR116C	fermentation; translation;	S0004038		YLR048W	assembly of protein complexes;	0.223	12
3644	S0004722	ASC1	YMR116C	fermentation; translation;	S0000252		YBR048W		0.223	12
3645	S0006064		YPL143W		S0001052	RPL27A	YHR010W		0.223	12
3646	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004421	CRN1	YLR429W		0.223	12
3647	S0002319	DHH1	YDL160C	other transcription activities;	S0001368	MOB1	YIL106W		0.223	12
3648	S0005487		YOL127W		S0000123	RPL19B	YBL027W		0.223	12
3649	S0005839		YOR312C		S0006000		YPL079W		0.223	12
3650	S0006064		YPL143W		S0005013		YNL069C		0.223	12
3651	S0003317	RPL11B	YGR085C		S0002156		YBR084C-A		0.223	12
3652	S0005839		YOR312C		S0001395	RPL16A	YIL133C		0.223	12

3653	S0005839	YOR312C	S0002350	YDL191W	0.223	12	
3654	S0005839	YOR312C	S0006064	YPL143W	0.223	12	
3655	S0005839	YOR312C	S0003266	YGR034W	0.223	12	
3656	S0005839	YOR312C	S0004750	YMR142C	0.223	12	
				proteolytic degradation; cytoplasmic and nuclear degradation;			
3657	S0005839	YOR312C	S0001410	YIL148W	0.223	12	
3658	S0005839	YOR312C	S0001489	YKL006W	0.223	12	
3659	S0005839	YOR312C	S0004538	YML073C	0.223	12	
3660	S0005839	YOR312C	S0000183	RPL23A YBL087C	0.223	12	
3661	S0003317	RPL11B YGR085C	S0000123	RPL19B YBL027W	0.223	12	
3662	S0006064	YPL143W	S0002156	YBR084C-A	0.223	12	
3663	S0005839	YOR312C	S0006141	YPL220W	0.223	12	
3664	S0005839	YOR312C	S0002999	RPL24A YGL031C	0.223	12	
3665	S0005839	YOR312C	S0002239	RPP1A YDL081C	translation;	0.223	12
3666	S0005839	YOR312C	S0002288	RPP1B YDL130W	0.223	12	
3667	S0005839	YOR312C	S0005399	RPP2A YOL039W	0.223	12	
3668	S0005839	YOR312C	S0002790	RPP2B YDR382W	0.223	12	
3669	S0005839	YOR312C	S0006436	YFL035C-B	0.223	12	
3670	S0005839	YOR312C	S0003071	YGL103W	0.223	12	
3671	S0005839	YOR312C	S0000993	RPL14B YHL001W	0.223	12	
3672	S0001246	YHR203C	S0000252	YBR048W	0.223	12	
3673	S0006064	YPL143W	S0000123	RPL19B YBL027W	0.223	12	
3674	S0005839	YOR312C	S0004336	RPL26A YLR344W	0.223	12	
3675	S0005839	YOR312C	S0004855	RPL20A YMR242C	0.223	12	
3676	S0005839	YOR312C	S0000395	YBR191W	0.223	12	
3677	S0005839	YOR312C	S0005011	YNL067W	0.223	12	
3678	S0005839	YOR312C	S0006119	YPL198W	0.223	12	
3679	S0005839	YOR312C	S0003380	RPL24B YGR148C	0.223	12	
3680	S0005839	YOR312C	S0004019	YLR029C	0.223	12	
3681	S0005839	YOR312C	S0003317	RPL11B YGR085C	0.223	12	
3682	S0005839	YOR312C	S0003044	YGL076C	0.223	12	
3683	S0006002	YPL081W	S0002432	RPS11A YDR025W	0.223	12	
3684	S0005839	YOR312C	S0005589	YOR063W	0.223	12	
3685	S0006002	YPL081W	S0003672	YJL136C	0.223	12	
3686	S0005839	YOR312C	S0002879	YDR471W	0.223	12	
3687	S0005839	YOR312C	S0003713	YJL177W	0.223	12	
3688	S0005839	YOR312C	S0002156	YBR084C-A	0.223	12	
				proteolytic degradation; cytoplasmic and nuclear degradation;			
3689	S0005839	YOR312C	S0001802	YKR094C	0.223	12	
3690	S0005839	YOR312C	S0005106	YNL162W	0.223	12	

3691	S0005839		YOR312C	S0005480		YOL120C	0.223	12
3692	S0005839		YOR312C	S0002295		YDL136W	0.223	12
3693	S0005839		YOR312C	S0001280		YIL018W	0.223	12
3694	S0005839		YOR312C	S0006306	RPL11A	YPR102C	0.223	12
3695	S0005839		YOR312C	S0005487		YOL127W	0.223	12
3696	S0005839		YOR312C	S0000919	RPL23B	YER117W	0.223	12
3697	S0005839		YOR312C	S0006247		YPR043W	0.223	12
3698	S0005839		YOR312C	S0000235		YBR031W	0.223	12
3699	S0005839		YOR312C	S0004051		YLR061W	0.223	12
3700	S0001765		YKR057W	S0002858	RPS18A	YDR450W	0.223	12
3701	S0006002		YPL081W	S0002858	RPS18A	YDR450W	0.223	12
3702	S0005839		YOR312C	S0005245	RPL18B	YNL301C	0.223	12
3703	S0005839		YOR312C	S0000123	RPL19B	YBL027W	0.223	12
3704	S0005839		YOR312C	S0002240		YDL082W	0.223	12
3705	S0005839		YOR312C	S0004065		YLR075W	0.223	12
3706	S0004807		YMR194W	S0000123	RPL19B	YBL027W	0.223	12
3707	S0002288	RPP1B	YDL130W	S0001052	RPL27A	YHR010W	0.223	12
3708	S0001765		YKR057W	S0000252		YBR048W	0.223	12
3709	S0006002		YPL081W	S0000252		YBR048W	0.223	12
3710	S0002288	RPP1B	YDL130W	S0005013		YNL069C	0.223	12
3711	S0006436		YFL035C-B	S0005013		YNL069C	0.223	12
3712	S0002288	RPP1B	YDL130W	S0002156		YBR084C-A	0.223	12
3713	S0006436		YFL035C-B	S0002156		YBR084C-A	0.223	12
3714	S0002288	RPP1B	YDL130W	S0000123	RPL19B	YBL027W	0.223	12
3715	S0006436		YFL035C-B	S0000123	RPL19B	YBL027W	0.223	12
3716	S0004175	RPL37A	YLR185W	S0005839		YOR312C	0.223	12
3717	S0001639		YKL156W	S0000252		YBR048W	0.223	12
3718	S0005708	RPS30B	YOR182C	S0002432	RPS11A	YDR025W	0.223	12
3719	S0005708	RPS30B	YOR182C	S0003672		YJL136C	0.223	12
3720	S0004175	RPL37A	YLR185W	S0001052	RPL27A	YHR010W	0.223	12
3721	S0002879		YDR471W	S0002156		YBR084C-A	0.223	12
3722	S0005708	RPS30B	YOR182C	S0002858	RPS18A	YDR450W	0.223	12
3723	S0004175	RPL37A	YLR185W	S0005013		YNL069C	0.223	12
3724	S0002879		YDR471W	S0000123	RPL19B	YBL027W	0.223	12
3725	S0005693	RPS28A	YOR167C	S0002432	RPS11A	YDR025W	0.223	12
3726	S0005693	RPS28A	YOR167C	S0003672		YJL136C	0.223	12
3727	S0004175	RPL37A	YLR185W	S0002156		YBR084C-A	0.223	12
3728	S0000235		YBR031W	S0000123	RPL19B	YBL027W	0.223	12
3729	S0005708	RPS30B	YOR182C	S0000252		YBR048W	0.223	12
3730	S0005693	RPS28A	YOR167C	S0002858	RPS18A	YDR450W	0.223	12
3731	S0004175	RPL37A	YLR185W	S0000123	RPL19B	YBL027W	0.223	12

assembly of protein complexes;

3732	S0003672	YJL136C		S0005896	YOR369C		0.223	12
3733	S0005589	YOR063W		S0002156	YBR084C-A		0.223	12
3734	S0003672	YJL136C		S0001765	YKR057W		0.223	12
3735	S0003672	YJL136C		S0001007	RPS20 YHL015W		0.223	12
3736	S0003672	YJL136C		S0002855	YDR447C		0.223	12
3737	S0003672	YJL136C		S0003091	YGL123W		0.223	12
						assembly of protein complexes; budding, cell polarity and filament formation;		
3738	S0003672	YJL136C		S0003446	RPS0A YGR214W		0.223	12
						pheromone response, mating-type determination, sex-specific proteins;		
3739	S0003672	YJL136C		S0004433	RPS1A YLR441C		0.223	12
3740	S0003672	YJL136C		S0002858	RPS18A YDR450W		0.223	12
3741	S0003672	YJL136C		S0005622	RPS7A YOR096W		0.223	12
3742	S0003672	YJL136C		S0005040	RPS7B YNL096C		0.223	12
3743	S0003672	YJL136C		S0000904	RPS8B YER102W		0.223	12
3744	S0003672	YJL136C		S0002471	YDR064W		0.223	12
3745	S0003672	YJL136C		S0004359	YLR367W		0.223	12
3746	S0005693	RPS28A YOR167C		S0000252	YBR048W		0.223	12
3747	S0005589	YOR063W		S0000123	RPL19B YBL027W		0.223	12
3748	S0006119	YPL198W		S0002156	YBR084C-A		0.223	12
3749	S0003672	YJL136C		S0004278	YLR287C-A		0.223	12
3750	S0003672	YJL136C		S0005400	YOL040C		0.223	12
						assembly of protein complexes;		
3751	S0003672	YJL136C		S0004038	YLR048W		0.223	12
3752	S0003672	YJL136C		S0002219	RPS29B YDL061C		0.223	12
3753	S0003672	YJL136C		S0003726	RPS22A YJL190C		0.223	12
3754	S0003672	YJL136C		S0004380	RPS29A YLR388W		0.223	12
3755	S0003672	YJL136C		S0005481	YOL121C		0.223	12
3756	S0003672	YJL136C		S0001246	YHR203C		0.223	12
3757	S0006119	YPL198W		S0000123	RPL19B YBL027W		0.223	12
3758	S0000876	YER074W		S0002432	RPS11A YDR025W		0.223	12
3759	S0003672	YJL136C		S0002241	YDL083C		0.223	12
3760	S0000876	YER074W		S0003672	YJL136C		0.223	12
3761	S0003672	YJL136C		S0001639	YKL156W		0.223	12
3762	S0003672	YJL136C		S0005246	YNL302C		0.223	12
3763	S0003672	YJL136C		S0000252	YBR048W		0.223	12
3764	S0006247	YPR043W		S0000123	RPL19B YBL027W		0.223	12
3765	S0000876	YER074W		S0002858	RPS18A YDR450W		0.223	12
3766	S0003091	YGL123W		S0002858	RPS18A YDR450W		0.223	12

3767	S0000876		YER074W		S0000252		YBR048W		0.223	12
3768	S0003091		YGL123W		S0000252		YBR048W		0.223	12
				regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;						
3769	S0000493	SNF5	YBR289W		S0006238	ARP7	YPR034W		0.223	12
3770	S0006336	RPS23B	YPR132W		S0002432	RPS11A	YDR025W		0.223	12
3771	S0006336	RPS23B	YPR132W		S0003672		YJL136C		0.223	12
3772	S0006336	RPS23B	YPR132W		S0002858	RPS18A	YDR450W		0.223	12
3773	S0006336	RPS23B	YPR132W		S0000252		YBR048W		0.223	12
3774	S0003855		YJR094W-A		S0001052	RPL27A	YHR010W		0.223	12
3775	S0003855		YJR094W-A		S0002156		YBR084C-A		0.223	12
3776	S0003855		YJR094W-A		S0000123	RPL19B	YBL027W		0.223	12
3777	S0003884	RPS5	YJR123W		S0002432	RPS11A	YDR025W		0.223	12
3778	S0003884	RPS5	YJR123W		S0003672		YJL136C		0.223	12
3779	S0002419	RPL4B	YDR012W		S0005839		YOR312C		0.223	12
3780	S0003884	RPS5	YJR123W		S0002858	RPS18A	YDR450W		0.223	12
				general transcription activities;						
3781	S0000402	TAF90 TAF5	YBR198C		S0004045	SPT8	YLR055C		0.223	12
3782	S0003259		YGR027C		S0002432	RPS11A	YDR025W		0.223	12
3783	S0003259		YGR027C		S0003672		YJL136C		0.223	12
				general transcription activities;				pheromone response, mating-type determination, sex-specific proteins;		
3784	S0000402	TAF90 TAF5	YBR198C		S0002800	SPT3	YDR392W		0.223	12
3785	S0002419	RPL4B	YDR012W		S0001052	RPL27A	YHR010W		0.223	12
3786	S0003259		YGR027C		S0002858	RPS18A	YDR450W		0.223	12
3787	S0003884	RPS5	YJR123W		S0000252		YBR048W		0.223	12
3788	S0004843		YMR230W		S0003672		YJL136C		0.223	12
3789	S0002419	RPL4B	YDR012W		S0005013		YNL069C		0.223	12
3790	S0004843		YMR230W		S0002858	RPS18A	YDR450W		0.223	12
3791	S0003259		YGR027C		S0000252		YBR048W		0.223	12
3792	S0002419	RPL4B	YDR012W		S0002156		YBR084C-A		0.223	12
3793	S0002419	RPL4B	YDR012W		S0000123	RPL19B	YBL027W		0.223	12
3794	S0003726	RPS22A	YJL190C		S0000252		YBR048W		0.223	12
3795	S0004843		YMR230W		S0000252		YBR048W		0.223	12
3796	S0000168	RPS8A	YBL072C		S0002432	RPS11A	YDR025W		0.223	12
3797	S0000168	RPS8A	YBL072C		S0003672		YJL136C		0.223	12

3798	S0002552	TAF61 TAF12	YDR145W	general transcription activities;	S0002800	SPT3	YDR392W	pheromone response, mating-type determination, sex-specific proteins;	0.223	12
3799	S0000168	RPS8A	YBL072C		S0002858	RPS18A	YDR450W		0.223	12
3800	S0002790	RPP2B	YDR382W		S0001052	RPL27A	YHR010W		0.223	12
3801	S0002790	RPP2B	YDR382W		S0005013		YNL069C		0.223	12
3802	S0005011		YNL067W		S0005013		YNL069C		0.223	12
3803	S0001063		YHR021C		S0003672		YJL136C		0.223	12
3804	S0000168	RPS8A	YBL072C		S0000252		YBR048W		0.223	12
3805	S0006052	RPL5	YPL131W		S0005839		YOR312C		0.223	12
3806	S0002790	RPP2B	YDR382W		S0002156		YBR084C-A		0.223	12
3807	S0001063		YHR021C		S0002858	RPS18A	YDR450W		0.223	12
3808	S0005011		YNL067W		S0002156		YBR084C-A		0.223	12
3809	S0002790	RPP2B	YDR382W		S0000123	RPL19B	YBL027W		0.223	12
3810	S0005011		YNL067W		S0000123	RPL19B	YBL027W		0.223	12
3811	S0003906	RPS4A	YJR145C		S0002858	RPS18A	YDR450W		0.223	12
3812	S0006052	RPL5	YPL131W		S0001052	RPL27A	YHR010W		0.223	12
3813	S0001063		YHR021C		S0000252		YBR048W		0.223	12
3814	S0006052	RPL5	YPL131W		S0005013		YNL069C		0.223	12
3815	S0003906	RPS4A	YJR145C		S0000252		YBR048W		0.223	12
3816	S0006052	RPL5	YPL131W		S0002156		YBR084C-A		0.223	12
3817	S0006052	RPL5	YPL131W		S0000123	RPL19B	YBL027W		0.223	12
3818	S0004051		YLR061W		S0000123	RPL19B	YBL027W		0.223	12
3819	S0005481		YOL121C		S0000252		YBR048W		0.223	12
3820	S0002239	RPP1A	YDL081C	translation;	S0001052	RPL27A	YHR010W		0.223	12
3821	S0005318	ARC35	YNR035C	cytoskeleton-dependent transport;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.223	12
3822	S0002239	RPP1A	YDL081C	translation;	S0005013		YNL069C		0.223	12
3823	S0002239	RPP1A	YDL081C	translation;	S0002156		YBR084C-A		0.223	12
3824	S0002239	RPP1A	YDL081C	translation;	S0000123	RPL19B	YBL027W		0.223	12
3825	S0001762	DYN1	YKR054C	vesicular transport ; cytoskeleton-dependent transport;	S0001745	SPC34	YKR037C		0.223	12
3826	S0000933	RPS26B	YER131W		S0000252		YBR048W		0.223	12
3827	S0000919	RPL23B	YER117W		S0000123	RPL19B	YBL027W		0.223	12
3828	S0005480		YOL120C		S0000123	RPL19B	YBL027W		0.223	12
3829	S0001183		YHR141C		S0000123	RPL19B	YBL027W		0.223	12

3830	S0001745	SPC34	YKR037C		S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins;	0.223	12
3831	S0001745	SPC34	YKR037C		S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	0.223	12
3832	S0001745	SPC34	YKR037C		S0004908	JNM1	YMR294W	cytoskeleton-dependent transport;	0.223	12
3833	S0004038		YLR048W	assembly of protein complexes;	S0000252		YBR048W		0.223	12
3834	S0004332	RPP0	YLR340W		S0005839		YOR312C		0.223	12
3835	S0003103	RPL1B	YGL135W		S0005839		YOR312C		0.223	12
3836	S0006050	ANC1 TAF14	YPL129W	phosphate metabolism; regulation of phosphate utilization; regulation of C- compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins;	S0003119	NUT1	YGL151W		0.223	12
3837	S0004332	RPP0	YLR340W		S0001052	RPL27A	YHR010W		0.223	12
3838	S0003103	RPL1B	YGL135W		S0001052	RPL27A	YHR010W		0.223	12
3839	S0004332	RPP0	YLR340W		S0005013		YNL069C		0.223	12
3840	S0003103	RPL1B	YGL135W		S0005013		YNL069C		0.223	12
3841	S0004332	RPP0	YLR340W		S0002156		YBR084C-A		0.223	12
3842	S0003103	RPL1B	YGL135W		S0002156		YBR084C-A		0.223	12
3843	S0004332	RPP0	YLR340W		S0000123	RPL19B	YBL027W		0.223	12
3844	S0003103	RPL1B	YGL135W		S0000123	RPL19B	YBL027W		0.223	12
3845	S0005122	RPS3	YNL178W		S0002432	RPS11A	YDR025W		0.223	12
3846	S0003071		YGL103W		S0005013		YNL069C		0.223	12
3847	S0005122	RPS3	YNL178W		S0003672		YJL136C		0.223	12
3848	S0002858	RPS18A	YDR450W		S0005622	RPS7A	YOR096W		0.223	12
3849	S0002858	RPS18A	YDR450W		S0005040	RPS7B	YNL096C		0.223	12
3850	S0002858	RPS18A	YDR450W		S0000904	RPS8B	YER102W		0.223	12
3851	S0002858	RPS18A	YDR450W		S0002471		YDR064W		0.223	12
3852	S0002858	RPS18A	YDR450W		S0004359		YLR367W		0.223	12
3853	S0004398	RPL31B	YLR406C		S0005839		YOR312C		0.223	12
3854	S0003071		YGL103W		S0002156		YBR084C-A		0.223	12
3855	S0002858	RPS18A	YDR450W		S0004278		YLR287C-A		0.223	12
3856	S0002858	RPS18A	YDR450W		S0005400		YOL040C		0.223	12



3857	S0002858	RPS18A	YDR450W		S0004038		YLR048W	assembly of protein complexes;	0.223	12
3858	S0002858	RPS18A	YDR450W		S0002219	RPS29B	YDL061C		0.223	12
3859	S0002858	RPS18A	YDR450W		S0003726	RPS22A	YJL190C		0.223	12
3860	S0002858	RPS18A	YDR450W		S0000933	RPS26B	YER131W		0.223	12
3861	S0002858	RPS18A	YDR450W		S0004380	RPS29A	YLR388W		0.223	12
3862	S0002858	RPS18A	YDR450W		S0005481		YOL121C		0.223	12
3863	S0002858	RPS18A	YDR450W		S0001246		YHR203C		0.223	12
3864	S0003071		YGL103W		S0000123	RPL19B	YBL027W		0.223	12
3865	S0002858	RPS18A	YDR450W		S0002241		YDL083C		0.223	12
3866	S0002858	RPS18A	YDR450W		S0001639		YKL156W		0.223	12
3867	S0002858	RPS18A	YDR450W		S0005246		YNL302C		0.223	12
3868	S0004398	RPL31B	YLR406C		S0001052	RPL27A	YHR010W		0.223	12
3869	S0005122	RPS3	YNL178W		S0000252		YBR048W		0.223	12
3870	S0004398	RPL31B	YLR406C		S0005013		YNL069C		0.223	12
3871	S0004380	RPS29A	YLR388W		S0000252		YBR048W		0.223	12
				meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;						
3872	S0006345	KAR3	YPR141C		S0002609	SPC19	YDR201W		0.223	12
				meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;						
3873	S0006345	KAR3	YPR141C		S0001745	SPC34	YKR037C		0.223	12
3874	S0004398	RPL31B	YLR406C		S0002156		YBR084C-A		0.223	12
3875	S0005798	YTM1	YOR272W		S0004746	CIN4	YMR138W		0.223	12
3876	S0004398	RPL31B	YLR406C		S0000123	RPL19B	YBL027W		0.223	12
3877	S0005798	YTM1	YOR272W		S0006162	CIN2	YPL241C		0.223	12
3878	S0005399	RPP2A	YOL039W		S0001052	RPL27A	YHR010W		0.223	12
3879	S0005040	RPS7B	YNL096C		S0000252		YBR048W		0.223	12
3880	S0005399	RPP2A	YOL039W		S0005013		YNL069C		0.223	12
3881	S0005399	RPP2A	YOL039W		S0000123	RPL19B	YBL027W		0.223	12

3882	S0001280		YIL018W		S0000123	RPL19B	YBL027W		0.223	12
3883	S0004486		YML024W		S0002432	RPS11A	YDR025W		0.223	12
3884	S0004486		YML024W		S0002858	RPS18A	YDR450W		0.223	12
3885	S0004486		YML024W		S0000252		YBR048W		0.223	12
3886	S0002471		YDR064W		S0003726	RPS22A	YJL190C		0.223	12
3887	S0000904	RPS8B	YER102W		S0000252		YBR048W		0.223	12
3888	S0002471		YDR064W		S0000252		YBR048W		0.223	12
				rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;						
3889	S0006391	RPO26	YPR187W		S0004410	CDC73	YLR418C		0.223	12
3890	S0000627		YCR031C		S0002432	RPS11A	YDR025W		0.223	12
3891	S0004855	RPL20A	YMR242C		S0005013		YNL069C		0.223	12
3892	S0000627		YCR031C		S0002858	RPS18A	YDR450W		0.223	12
3893	S0006000		YPL079W		S0001052	RPL27A	YHR010W		0.223	12
3894	S0004855	RPL20A	YMR242C		S0002156		YBR084C-A		0.223	12
3895	S0006000		YPL079W		S0005013		YNL069C		0.223	12
3896	S0004855	RPL20A	YMR242C		S0000123	RPL19B	YBL027W		0.223	12
3897	S0000627		YCR031C		S0000252		YBR048W		0.223	12
3898	S0006000		YPL079W		S0002156		YBR084C-A		0.223	12
3899	S0006000		YPL079W		S0000123	RPL19B	YBL027W		0.223	12
				assembly of protein complexes; cell growth / morphogenesis;				budding, cell polarity and filament formation;		
3900	S0000103	SLA1	YBL007C		S0005648	PFY1	YOR122C		0.223	12
3901	S0005106		YNL162W		S0000123	RPL19B	YBL027W		0.223	12
3902	S0003115	RPL9A	YGL147C		S0005839		YOR312C		0.223	12
3903	S0001663	RPL17A	YKL180W		S0005839		YOR312C		0.223	12
3904	S0003115	RPL9A	YGL147C		S0001052	RPL27A	YHR010W		0.223	12
3905	S0003115	RPL9A	YGL147C		S0005013		YNL069C		0.223	12
				pheromone response, mating-type determination, sex-specific proteins;						
3906	S0004433	RPS1A	YLR441C		S0000252		YBR048W		0.223	12
3907	S0001663	RPL17A	YKL180W		S0001052	RPL27A	YHR010W		0.223	12
3908	S0003115	RPL9A	YGL147C		S0002156		YBR084C-A		0.223	12
3909	S0001663	RPL17A	YKL180W		S0005013		YNL069C		0.223	12
3910	S0004019		YLR029C		S0002156		YBR084C-A		0.223	12
3911	S0003115	RPL9A	YGL147C		S0000123	RPL19B	YBL027W		0.223	12
3912	S0005760		YOR234C		S0005839		YOR312C		0.223	12
3913	S0004019		YLR029C		S0000123	RPL19B	YBL027W		0.223	12
3914	S0001663	RPL17A	YKL180W		S0002156		YBR084C-A		0.223	12

3915	S0002908	RPL37B	YDR500C		S0005839		YOR312C	0.223	12
3916	S0001663	RPL17A	YKL180W		S0000123	RPL19B	YBL027W	0.223	12
3917	S0005760		YOR234C		S0001052	RPL27A	YHR010W	0.223	12
3918	S0005760		YOR234C		S0005013		YNL069C	0.223	12
3919	S0002908	RPL37B	YDR500C		S0001052	RPL27A	YHR010W	0.223	12
3920	S0004728		YMR121C		S0002156		YBR084C-A	0.223	12
				rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;					
3921	S0000358	RPB5	YBR154C		S0004410	CDC73	YLR418C	0.223	12
3922	S0004728		YMR121C		S0000123	RPL19B	YBL027W	0.223	12
3923	S0005760		YOR234C		S0002156		YBR084C-A	0.223	12
3924	S0002908	RPL37B	YDR500C		S0005013		YNL069C	0.223	12
3925	S0001395	RPL16A	YIL133C		S0001052	RPL27A	YHR010W	0.223	12
3926	S0004750		YMR142C		S0001052	RPL27A	YHR010W	0.223	12
3927	S0005760		YOR234C		S0000123	RPL19B	YBL027W	0.223	12
3928	S0002908	RPL37B	YDR500C		S0002156		YBR084C-A	0.223	12
3929	S0001395	RPL16A	YIL133C		S0005013		YNL069C	0.223	12
3930	S0004750		YMR142C		S0005013		YNL069C	0.223	12
							proteolytic degradation; cytoplasmic and nuclear degradation;		
3931	S0002156		YBR084C-A		S0001802		YKR094C	0.223	12
3932	S0002156		YBR084C-A		S0005106		YNL162W	0.223	12
3933	S0002156		YBR084C-A		S0005480		YOL120C	0.223	12
3934	S0002156		YBR084C-A		S0002295		YDL136W	0.223	12
3935	S0002156		YBR084C-A		S0001280		YIL018W	0.223	12
3936	S0002156		YBR084C-A		S0006306	RPL11A	YPR102C	0.223	12
3937	S0002156		YBR084C-A		S0005487		YOL127W	0.223	12
3938	S0002156		YBR084C-A		S0000919	RPL23B	YER117W	0.223	12
3939	S0002156		YBR084C-A		S0006247		YPR043W	0.223	12
3940	S0002156		YBR084C-A		S0000235		YBR031W	0.223	12
3941	S0002156		YBR084C-A		S0004051		YLR061W	0.223	12
3942	S0002156		YBR084C-A		S0003968		YLL045C	0.223	12
3943	S0002156		YBR084C-A		S0001183		YHR141C	0.223	12
3944	S0002908	RPL37B	YDR500C		S0000123	RPL19B	YBL027W	0.223	12
3945	S0001395	RPL16A	YIL133C		S0002156		YBR084C-A	0.223	12
				assembly of protein complexes; budding, cell polarity and filament formation;					
3946	S0003446	RPS0A	YGR214W		S0002858	RPS18A	YDR450W	0.223	12
3947	S0002156		YBR084C-A		S0005245	RPL18B	YNL301C	0.223	12

3948	S0002156		YBR084C-A		S0002240		YDL082W		0.223	12
3949	S0004750		YMR142C		S0002156		YBR084C-A		0.223	12
3950	S0002156		YBR084C-A		S0004065		YLR075W	assembly of protein complexes;	0.223	12
3951	S0001052	RPL27A	YHR010W		S0006436		YFL035C-B		0.223	12
3952	S0001052	RPL27A	YHR010W		S0003071		YGL103W		0.223	12
3953	S0001052	RPL27A	YHR010W		S0000993	RPL14B	YHL001W		0.223	12
3954	S0004157	RPS31	YLR167W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002432	RPS11A	YDR025W		0.223	12
3955	S0001395	RPL16A	YIL133C		S0000123	RPL19B	YBL027W		0.223	12
3956	S0004157	RPS31	YLR167W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003672		YJL136C		0.223	12
3957	S0004750		YMR142C		S0000123	RPL19B	YBL027W		0.223	12
3958	S0001052	RPL27A	YHR010W		S0004336	RPL26A	YLR344W		0.223	12
3959	S0001052	RPL27A	YHR010W		S0004855	RPL20A	YMR242C		0.223	12
3960	S0001052	RPL27A	YHR010W		S0000395		YBR191W		0.223	12
3961	S0005791	RBL2	YOR265W	meiosis;	S0005798	YTM1	YOR272W		0.223	12
3962	S0001052	RPL27A	YHR010W		S0005011		YNL067W		0.223	12
3963	S0001052	RPL27A	YHR010W		S0005013		YNL069C		0.223	12
3964	S0001052	RPL27A	YHR010W		S0006119		YPL198W		0.223	12
3965	S0001052	RPL27A	YHR010W		S0003380	RPL24B	YGR148C		0.223	12
3966	S0001052	RPL27A	YHR010W		S0004019		YLR029C		0.223	12
3967	S0001052	RPL27A	YHR010W		S0003317	RPL11B	YGR085C		0.223	12
3968	S0001052	RPL27A	YHR010W		S0003044		YGL076C		0.223	12
3969	S0004157	RPS31	YLR167W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002858	RPS18A	YDR450W		0.223	12
3970	S0003446	RPS0A	YGR214W	assembly of protein complexes; budding, cell polarity and filament formation;	S0000252		YBR048W		0.223	12
3971	S0001052	RPL27A	YHR010W		S0005589		YOR063W		0.223	12
3972	S0001052	RPL27A	YHR010W		S0002879		YDR471W		0.223	12
3973	S0001052	RPL27A	YHR010W		S0003713		YJL177W		0.223	12
3974	S0001052	RPL27A	YHR010W		S0002156		YBR084C-A		0.223	12
3975	S0001052	RPL27A	YHR010W		S0001802		YKR094C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.223	12
3976	S0001052	RPL27A	YHR010W		S0005106		YNL162W		0.223	12
3977	S0001052	RPL27A	YHR010W		S0002295		YDL136W		0.223	12

3978	S0001052	RPL27A	YHR010W		S0001280	YIL018W	0.223	12
3979	S0001052	RPL27A	YHR010W		S0006306	RPL11A YPR102C	0.223	12
3980	S0001052	RPL27A	YHR010W		S0005487	YOL127W	0.223	12
3981	S0001052	RPL27A	YHR010W		S0000919	RPL23B YER117W	0.223	12
3982	S0001052	RPL27A	YHR010W		S0006247	YPR043W	0.223	12
3983	S0001052	RPL27A	YHR010W		S0000235	YBR031W	0.223	12
3984	S0001052	RPL27A	YHR010W		S0004051	YLR061W	0.223	12
3985	S0001052	RPL27A	YHR010W		S0003968	YLL045C	0.223	12
3986	S0001052	RPL27A	YHR010W		S0001183	YHR141C	0.223	12
3987	S0002233	RPL31A	YDL075W		S0005839	YOR312C	0.223	12
3988	S0001052	RPL27A	YHR010W		S0005245	RPL18B YNL301C	0.223	12
3989	S0001052	RPL27A	YHR010W		S0000123	RPL19B YBL027W	0.223	12
3990	S0001052	RPL27A	YHR010W		S0002240	YDL082W	0.223	12
3991	S0001052	RPL27A	YHR010W		S0004065	YLR075W	0.223	12
3992	S0003713		YJL177W		S0002156	YBR084C-A	0.223	12
3993	S0003380	RPL24B	YGR148C		S0002156	YBR084C-A	0.223	12
				proteolytic degradation; cytoplasmic and nuclear degradation; meiosis;				
3994	S0004157	RPS31	YLR167W		S0000252	YBR048W	0.223	12
3995	S0005791	RBL2	YOR265W		S0004035	STU2 YLR045C	0.223	12
3996	S0003713		YJL177W		S0000123	RPL19B YBL027W	0.223	12
3997	S0003380	RPL24B	YGR148C		S0000123	RPL19B YBL027W	0.223	12
3998	S0002233	RPL31A	YDL075W		S0001052	RPL27A YHR010W	0.223	12
3999	S0004528		YML063W		S0002432	RPS11A YDR025W	0.223	12
4000	S0004528		YML063W		S0003672	YJL136C	0.223	12
4001	S0002233	RPL31A	YDL075W		S0005013	YNL069C	0.223	12
4002	S0004528		YML063W		S0002858	RPS18A YDR450W	0.223	12
4003	S0002233	RPL31A	YDL075W		S0002156	YBR084C-A	0.223	12
4004	S0002233	RPL31A	YDL075W		S0000123	RPL19B YBL027W	0.223	12
4005	S0004528		YML063W		S0000252	YBR048W	0.223	12
4006	S0004325	RPS25B	YLR333C		S0002858	RPS18A YDR450W	0.223	12
4007	S0003725	RPL39	YJL189W		S0005839	YOR312C	0.223	12
4008	S0005622	RPS7A	YOR096W		S0000252	YBR048W	0.223	12
4009	S0002432	RPS11A	YDR025W		S0004254	RPS28B YLR264W	0.223	12
4010	S0002432	RPS11A	YDR025W		S0003350	RPS23A YGR118W	0.223	12
4011	S0002432	RPS11A	YDR025W		S0003906	RPS4A YJR145C	0.223	12
4012	S0002432	RPS11A	YDR025W		S0005819	YOR293W	0.223	12
4013	S0002432	RPS11A	YDR025W		S0004325	RPS25B YLR333C	0.223	12
4014	S0002432	RPS11A	YDR025W		S0004843	YMR230W	0.223	12
4015	S0002432	RPS11A	YDR025W		S0000385	YBR181C	0.223	12
4016	S0002432	RPS11A	YDR025W		S0001063	YHR021C	0.223	12
						assembly of protein complexes;		

4017	S0002432	RPS11A	YDR025W		S0000393		YBR189W		0.223	12
4018	S0002432	RPS11A	YDR025W		S0003672		YJL136C		0.223	12
4019	S0002432	RPS11A	YDR025W		S0005896		YOR369C		0.223	12
4020	S0004325	RPS25B	YLR333C		S0000252		YBR048W		0.223	12
4021	S0003725	RPL39	YJL189W		S0001052	RPL27A	YHR010W		0.223	12
4022	S0002104	RPL2A	YFR031C-A		S0005839		YOR312C		0.223	12
4023	S0002432	RPS11A	YDR025W		S0001765		YKR057W		0.223	12
4024	S0002432	RPS11A	YDR025W		S0001007	RPS20	YHL015W		0.223	12
4025	S0002432	RPS11A	YDR025W		S0002855		YDR447C		0.223	12
4026	S0002432	RPS11A	YDR025W		S0003091		YGL123W		0.223	12
								assembly of protein complexes; budding, cell polarity and filament formation;		
4027	S0002432	RPS11A	YDR025W		S0003446	RPS0A	YGR214W		0.223	12
								pheromone response, mating-type determination, sex-specific proteins;		
4028	S0002432	RPS11A	YDR025W		S0004433	RPS1A	YLR441C		0.223	12
4029	S0002432	RPS11A	YDR025W		S0005622	RPS7A	YOR096W		0.223	12
4030	S0002432	RPS11A	YDR025W		S0005040	RPS7B	YNL096C		0.223	12
4031	S0002432	RPS11A	YDR025W		S0000904	RPS8B	YER102W		0.223	12
4032	S0002432	RPS11A	YDR025W		S0002471		YDR064W		0.223	12
4033	S0002432	RPS11A	YDR025W		S0004359		YLR367W		0.223	12
4034	S0003725	RPL39	YJL189W		S0005013		YNL069C		0.223	12
				rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;						
4035	S0005736	RPB10	YOR210W		S0004410	CDC73	YLR418C		0.223	12
4036	S0002432	RPS11A	YDR025W		S0004278		YLR287C-A		0.223	12
4037	S0002432	RPS11A	YDR025W		S0005400		YOL040C		0.223	12
								assembly of protein complexes;		
4038	S0002432	RPS11A	YDR025W		S0004038		YLR048W		0.223	12
4039	S0002432	RPS11A	YDR025W		S0002219	RPS29B	YDL061C		0.223	12
4040	S0002432	RPS11A	YDR025W		S0003726	RPS22A	YJL190C		0.223	12
4041	S0002432	RPS11A	YDR025W		S0000933	RPS26B	YER131W		0.223	12
4042	S0002432	RPS11A	YDR025W		S0004380	RPS29A	YLR388W		0.223	12
4043	S0002432	RPS11A	YDR025W		S0005481		YOL121C		0.223	12
4044	S0002432	RPS11A	YDR025W		S0001246		YHR203C		0.223	12
4045	S0003725	RPL39	YJL189W		S0002156		YBR084C-A		0.223	12
4046	S0002104	RPL2A	YFR031C-A		S0001052	RPL27A	YHR010W		0.223	12
4047	S0004336	RPL26A	YLR344W		S0005013		YNL069C		0.223	12

4048	S0002432	RPS11A	YDR025W		S0002241	YDL083C	0.223	12
4049	S0002432	RPS11A	YDR025W		S0001639	YKL156W	0.223	12
4050	S0002432	RPS11A	YDR025W		S0005246	YNL302C	0.223	12
4051	S0003725	RPL39	YJL189W		S0000123	RPL19B YBL027W	0.223	12
4052	S0002350		YDL191W		S0001052	RPL27A YHR010W	0.223	12
4053	S0004336	RPL26A	YLR344W		S0002156	YBR084C-A	0.223	12
4054	S0005013		YNL069C		S0006119	YPL198W	0.223	12
4055	S0005013		YNL069C		S0003380	RPL24B YGR148C	0.223	12
4056	S0005013		YNL069C		S0004019	YLR029C	0.223	12
4057	S0005013		YNL069C		S0003317	RPL11B YGR085C	0.223	12
4058	S0005013		YNL069C		S0003044	YGL076C	0.223	12
4059	S0004336	RPL26A	YLR344W		S0000123	RPL19B YBL027W	0.223	12
4060	S0002104	RPL2A	YFR031C-A		S0002156	YBR084C-A	0.223	12
4061	S0005013		YNL069C		S0005589	YOR063W	0.223	12
4062	S0005013		YNL069C		S0002879	YDR471W	0.223	12
4063	S0005013		YNL069C		S0003713	YJL177W	0.223	12
4064	S0005013		YNL069C		S0002156	YBR084C-A	0.223	12
4065	S0005013		YNL069C		S0005106	YNL162W	0.223	12
4066	S0005013		YNL069C		S0005480	YOL120C	0.223	12
4067	S0005013		YNL069C		S0002295	YDL136W	0.223	12
4068	S0005013		YNL069C		S0001280	YIL018W	0.223	12
4069	S0005013		YNL069C		S0006306	RPL11A YPR102C	0.223	12
4070	S0005013		YNL069C		S0005487	YOL127W	0.223	12
4071	S0005013		YNL069C		S0000919	RPL23B YER117W	0.223	12
4072	S0005013		YNL069C		S0006247	YPR043W	0.223	12
4073	S0005013		YNL069C		S0000235	YBR031W	0.223	12
4074	S0005013		YNL069C		S0004051	YLR061W	0.223	12
4075	S0002104	RPL2A	YFR031C-A		S0000123	RPL19B YBL027W	0.223	12
4076	S0005013		YNL069C		S0005245	RPL18B YNL301C	0.223	12
4077	S0005013		YNL069C		S0000123	RPL19B YBL027W	0.223	12
4078	S0005013		YNL069C		S0002240	YDL082W	0.223	12
4079	S0005013		YNL069C		S0004065	YLR075W	0.223	12
4080	S0002350		YDL191W		S0000123	RPL19B YBL027W	0.223	12
4081	S0001489		YKL006W		S0001052	RPL27A YHR010W	0.223	12
4082	S0001489		YKL006W		S0005013	YNL069C	0.223	12
4083	S0001489		YKL006W		S0002156	YBR084C-A	0.223	12
4084	S0005365	RPB11	YOL005C	general transcription activities;	S0004410	CDC73 YLR418C	0.223	12
4085	S0001489		YKL006W		S0000123	RPL19B YBL027W	0.223	12
4086	S0002219	RPS29B	YDL061C		S0000252	YBR048W	0.223	12
4087	S0005400		YOL040C		S0000252	YBR048W	0.223	12

assembly of protein complexes;

4088	S0004440	RPL6B	YLR448W		S0005839		YOR312C		0.223	12
4089	S0004440	RPL6B	YLR448W		S0001052	RPL27A	YHR010W		0.223	12
4090	S0004440	RPL6B	YLR448W		S0005013		YNL069C		0.223	12
4091	S0004440	RPL6B	YLR448W		S0002156		YBR084C-A		0.223	12
4092	S0004440	RPL6B	YLR448W		S0000123	RPL19B	YBL027W		0.223	12
4093	S0006276	NOT5	YPR072W		S0003324	DBF2	YGR092W		0.223	12
4094	S0002999	RPL24A	YGL031C		S0005013		YNL069C		0.223	12
4095	S0003350	RPS23A	YGR118W		S0000252		YBR048W		0.223	12
4096	S0005839		YOR312C		S0001052	RPL27A	YHR010W		0.223	12
4097	S0003672		YJL136C		S0000933	RPS26B	YER131W		0.223	12
4098	S0005122	RPS3	YNL178W		S0002858	RPS18A	YDR450W		0.223	12
				pheromone response, mating-type determination, sex-specific proteins;						
4099	S0004433	RPS1A	YLR441C		S0002858	RPS18A	YDR450W		0.223	12
4100	S0004728		YMR121C		S0001052	RPL27A	YHR010W		0.223	12
4101	S0001052	RPL27A	YHR010W		S0005480		YOL120C		0.223	12
				DNA recombination and DNA repair; DNA repair; meiosis;			rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;			
4102	S0005194	RAD50	YNL250W		S0006394	RPC82	YPR190C		0.220	13
4103	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0001496	ARC19	YKL013C	cytoskeleton-dependent transport;	0.220	13
4104	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	S0005318	ARC35	YNR035C	cytoskeleton-dependent transport;	0.220	13
				regulation of C-compound and carbohydrate utilization;			DNA restriction or modification; chromatin modification; protein modification;			
4105	S0001236	EGD2	YHR193C		S0003484	GCN5	YGR252W		0.220	13
				nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;			cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;			
4106	S0005187	SLA2	YNL243W		S0005707	LAS17	YOR181W		0.220	13
4107	S0005306	SNF12	YNR023W		S0005508	SPT20	YOL148C		0.220	13



4108	S0001236	EGD2	YHR193C	regulation of C-compound and carbohydrate utilization;	S0002545	HPR1	YDR138W	DNA recombination and DNA repair;	0.220	13
4109	S0005306	SNF12	YNR023W		S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	0.220	13
4110	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.220	13
4111	S0003739	PRP21	YJL203W	mRNA processing ; splicing; assembly of protein complexes;	S0001557	MUD2	YKL074C	mRNA processing ; splicing;	0.220	13
4112	S0006007	ELP3	YPL086C	DNA restriction or modification; chromatin modification; protein modification;	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4113	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4114	S0001767	TIF1	YKR059W	translation;	S0004950	MRP7	YNL005C		0.220	13
4115	S0002835	RPN9	YDR427W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4116	S0001767	TIF1	YKR059W	translation;	S0000455	MRPS5	YBR251W		0.220	13
4117	S0002495	SLU7	YDR088C	mRNA processing ; splicing;	S0002772	CDC40	YDR364C	DNA synthesis and replication;	0.220	13
4118	S0005750	RPB8	YOR224C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0002563	RPA14	YDR156W	rRNA transcription; rRNA synthesis;	0.220	13
4119	S0001679	YKT6	YKL196C	protein targeting, sorting and translocation; vesicular transport ;	S0000492	APM3	YBR288C	cellular import;	0.220	13
4120	S0002504	MSH6	YDR097C	DNA recombination and DNA repair;	S0002545	HPR1	YDR138W	DNA recombination and DNA repair;	0.220	13

4121	S0004814	RAD14	YMR201C	DNA recombination and DNA repair; DNA repair;	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.220	13
4122	S0004814	RAD14	YMR201C	DNA recombination and DNA repair; DNA repair;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.220	13
4123	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.220	13
4124	S0004814	RAD14	YMR201C	DNA recombination and DNA repair; DNA repair;	S0000763	RAD23	YEL037C	DNA recombination and DNA repair; DNA repair; cell wall;	0.220	13
4125	S0004814	RAD14	YMR201C	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002483	RAD55	YDR076W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4126	S0001946	PRE4	YFR050C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4127	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0005234	RFC3	YNL290W	DNA synthesis and replication;	0.220	13
4128	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0003829	RFC2	YJR068W	DNA synthesis and replication; cell cycle checkpoints ;	0.220	13
4129	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0006379	DPB2	YPR175W	DNA synthesis and replication;	0.220	13
4130	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	S0004306	CDC3	YLR314C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.220	13

4131	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; general transcription activities;	S0000065	RFA1	YAR007C	DNA synthesis and replication; DNA recombination and DNA repair; pheromone response, mating-type determination, sex-specific proteins;	0.220	13	
4132	S0003336	SRB5	YGR104C	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0004712	YKU80	HDF2	YMR106C	DNA recombination and DNA repair; DNA repair;	0.220	13
4133	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0004814	RAD14	YMR201C	DNA recombination and DNA repair; DNA repair;	0.220	13	
4134	S0000130	STU1	YBL034C		S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	0.220	13	
4135	S0002998	RPL30	YGL030W		S0005839		YOR312C		0.220	13	
4136	S0006177	CLN2	YPL256C	DNA synthesis and replication; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.220	13	
4137	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0002411	RAD57	YDR004W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	0.220	13	

4138	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0006007	ELP3	YPL086C	DNA restriction or modification; chromatin modification; protein modification;	0.220	13
4139	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0004045	SPT8	YLR055C		0.220	13
4140	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.220	13
4141	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0003119	NUT1	YGL151W		0.220	13

4142	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.220	13
4143	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0001083	SRB2	YHR041C	general transcription activities;	0.220	13
4144	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0002545	HPR1	YDR138W	DNA recombination and DNA repair;	0.220	13
4145	S0003803	NUP85	YJR042W	tRNA transcription; tRNA processing; nuclear transport; sporulation and germination;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.220	13

4146	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0002800	SPT3	YDR392W	pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4147	S0005274	RPD3	YNL330C	phosphate metabolism; phosphate utilization; DNA restriction or modification; chromatin modification; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0003131	RAD54	YGL163C	DNA recombination and DNA repair; DNA repair; meiosis;	0.220	13
4148	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0006229	CCL1	YPR025C	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.220	13
4149	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0004045	SPT8	YLR055C		0.220	13
4150	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0002583	NGG1	YDR176W	regulation of C-compound and carbohydrate utilization;	0.220	13

4151	S0000146	SEC17	YBL050W	vesicular transport ; extracellular transport, exocytosis and secretion; cellular import; vacuole or lysosome;	S0000492	APM3	YBR288C	cellular import;	0.220	13
4152	S0004289	YHC1	YLR298C	mRNA processing ; splicing;	S0001557	MUD2	YKL074C	mRNA processing ; splicing;	0.220	13
4153	S0003102	PCL10	YGL134W	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	S0000677	SRB8	YCR081W	regulation of C-compound and carbohydrate utilization; general transcription activities;	0.220	13
4154	S0003102	PCL10	YGL134W	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	S0002851	SRB9 SSN2	YDR443C	regulation of C-compound and carbohydrate utilization; general transcription activities;	0.220	13
4155	S0005802	CAF20	YOR276W	translation;	S0001767	TIF1	YKR059W	translation;	0.220	13
4156	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4157	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0001596	RAD27	YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.220	13
4158	S0004580	CTK3	YML112W		S0004410	CDC73	YLR418C		0.220	13
4159	S0005206	POL2	YNL262W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.220	13
4160	S0002411	RAD57	YDR004W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0004814	RAD14	YMR201C	DNA recombination and DNA repair; DNA repair;	0.220	13

4161	S0002411	RAD57	YDR004W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4162	S0001776	BET3	YKR068C	vesicular transport ;	S0005641	TRS33	YOR115C	sporulation and germination; vesicular transport ;	0.220	13
4163	S0004849	TAF17 TAF9	YMR236W	general transcription activities;	S0005180	SIN4	YNL236W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4164	S0001776	BET3	YKR068C	vesicular transport ;	S0003398	KRE11	YGR166W	regulation of C-compound and carbohydrate utilization; vesicular transport ;	0.220	13
4165	S0002832	DYN2	YDR424C	cytoskeleton-dependent transport;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.220	13
4166	S0001628	RPT1	YKL145W	DNA recombination and DNA repair; DNA repair; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4167	S0001496	ARC19	YKL013C	cytoskeleton-dependent transport;	S0004258	SEC22	YLR268W	vesicular transport ;	0.220	13



4168	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0004410	CDC73	YLR418C		0.220	13
4169	S0005562	PEP12	YOR036W	protein targeting, sorting and translocation; vacuolar transport;	S0006116	APL5	YPL195W	cellular import;	0.220	13
4170	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0005180	SIN4	YNL236W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4171	S0001562	SMY1	YKL079W	cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0004306	CDC3	YLR314C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4172	S0002654	TRS23	YDR246W	vesicular transport ;	S0004258	SEC22	YLR268W	vesicular transport ;	0.220	13
4173	S0001017	SNF6	YHL025W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0005508	SPT20	YOL148C		0.220	13

4174	S0001017	SNF6	YHL025W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	0.220	13
4175	S0000130	STU1	YBL034C		S0000787	CIN8	YEL061C	cytoskeleton-dependent transport;	0.220	13
4176	S0000065	RFA1	YAR007C	DNA synthesis and replication; DNA recombination and DNA repair; pheromone response, mating-type determination, sex-specific proteins;	S0005366	TOP1	YOL006C	DNA synthesis and replication; DNA recombination and DNA repair; other transcription activities;	0.220	13
4177	S0005643	RPT5	YOR117W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4178	S0000065	RFA1	YAR007C	DNA synthesis and replication; DNA recombination and DNA repair; pheromone response, mating-type determination, sex-specific proteins;	S0001596	RAD27	YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.220	13
4179	S0002319	DHH1	YDL160C	other transcription activities;	S0004777	MLH1	YMR167W	DNA recombination and DNA repair; meiosis;	0.220	13
4180	S0000065	RFA1	YAR007C	DNA synthesis and replication; DNA recombination and DNA repair; pheromone response, mating-type determination, sex-specific proteins;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.220	13
4181	S0005587	CKA2	YOR061W	tRNA transcription; other tRNA-transcription activities;	S0001297	CKA1	YIL035C	tRNA transcription; other tRNA-transcription activities;	0.220	13
4182	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0002545	HPR1	YDR138W	DNA recombination and DNA repair;	0.220	13

4183	S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4184	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0004494	RAD52	YML032C	DNA recombination and DNA repair; DNA repair; pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4185	S0004198	SEC13	YLR208W	vesicular transport ;	S0001371	SEC24	YIL109C	vesicular transport ;	0.220	13
4186	S0001208	PRP8	YHR165C	mRNA processing ; splicing;	S0006305	SNT309	YPR101W	mRNA processing ; splicing;	0.220	13
4187	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.220	13
4188	S0003464	NAS6	YGR232W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4189	S0001377	NUP159	YIL115C	nuclear transport;	S0000175		YBL079W	cytokinesis ; nuclear transport;	0.220	13
4190	S0000285	SPT7	YBR081C		S0003324	DBF2	YGR092W		0.220	13
4191	S0000285	SPT7	YBR081C		S0004061	RGR1	YLR071C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; general transcription activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.220	13

4192	S0006140	PCL8	YPL219W	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	S0000677	SRB8	YCR081W	regulation of C-compound and carbohydrate utilization; general transcription activities;	0.220	13
4193	S0006140	PCL8	YPL219W	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ;	S0002851	SRB9 SSN2	YDR443C	regulation of C-compound and carbohydrate utilization; general transcription activities;	0.220	13
4194	S0005194	RAD50	YNL250W	DNA recombination and DNA repair; DNA repair; meiosis;	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	0.220	13
4195	S0006175	HF11	YPL254W		S0005180	SIN4	YNL236W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4196	S0006175	HF11	YPL254W		S0004712	YKU80 HDF2	YMR106C	DNA recombination and DNA repair; DNA repair;	0.220	13
4197	S0006076	KIP2	YPL155C	cytoskeleton-dependent transport;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.220	13
4198	S0004160	APS1	YLR170C	assembly of protein complexes; cellular import;	S0003399	CLC1	YGR167W	vesicular transport ; cellular import; cell growth / morphogenesis;	0.220	13
4199	S0004722	ASC1	YMR116C	fermentation; translation;	S0001767	TIF1	YKR059W	translation;	0.220	13
4200	S0000950	SPT15	YER148W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0004410	CDC73	YLR418C		0.220	13
4201	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0001790	NUP133	YKR082W	RNA transport; nuclear transport; sporulation and germination;	0.220	13

4202	S0000950	SPT15	YER148W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002800	SPT3	YDR392W	pheromone response, mating-type determination, sex-specific proteins; proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4203	S0003016	RPT6	YGL048C	degradation; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	degradation; proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4204	S0001900	RPN11	YFR004W	degradation;	S0002178	RPN4	YDL020C	degradation; DNA synthesis and replication;	0.220	13
4205	S0000392	NTC20	YBR188C	mRNA processing ; splicing;	S0002772	CDC40	YDR364C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	0.220	13
4206	S0002563	RPA14	YDR156W	rRNA transcription; rRNA synthesis;	S0005736	RPB10	YOR210W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.220	13
4207	S0002563	RPA14	YDR156W	rRNA transcription; rRNA synthesis;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.220	13
4208	S0002563	RPA14	YDR156W	rRNA transcription; rRNA synthesis;	S0006314	RPC40	YPR110C	DNA recombination and DNA repair; DNA repair;	0.220	13
4209	S0005143	GCR2	YNL199C	regulation of C-compound and carbohydrate utilization;	S0004712	YKU80 HDF2	YMR106C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4210	S0001222	OYE2	YHR179W	other energy generation activities;	S0005023		YNL079C		0.220	13

4211	S0003821	CBF1	YJR060W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; nucleus;	S0000285	SPT7	YBR081C	0.220	13
4212	S0003829	RFC2	YJR068W	DNA synthesis and replication; cell cycle checkpoints ;	S0002260	CDC2	YDL102W	0.220	13
4213	S0003829	RFC2	YJR068W	DNA synthesis and replication; cell cycle checkpoints ;	S0002175	CDC7	YDL017W	0.220	13
4214	S0003821	CBF1	YJR060W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; nucleus;	S0003098	CEG1	YGL130W	0.220	13
4215	S0003829	RFC2	YJR068W	DNA synthesis and replication; cell cycle checkpoints ;	S0005046	POL1	YNL102W	0.220	13
4216	S0003829	RFC2	YJR068W	DNA synthesis and replication; cell cycle checkpoints ;	S0002459	DBF4	YDR052C	0.220	13
4217	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	S0002563	RPA14	YDR156W	0.220	13
4218	S0003829	RFC2	YJR068W	DNA synthesis and replication; cell cycle checkpoints ;	S0001596	RAD27	YKL113C	0.220	13
4219	S0005868	RPA190	YOR341W	rRNA transcription; rRNA synthesis;	S0004410	CDC73	YLR418C	0.220	13
4220	S0003829	RFC2	YJR068W	DNA synthesis and replication; cell cycle checkpoints ;	S0004093	CDC45	YLR103C	0.220	13
4221	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0000814	PRE1	YER012W	0.220	13

4222	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0003324	DBF2	YGR092W	0.220	13
4223	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0004931	PRE5	YMR314W	0.220	13
4224	S0000397	MED8	YBR193C		S0005508	SPT20	YOL148C	0.220	13
4225	S0005642	RPO31	YOR116C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0004410	CDC73	YLR418C	0.220	13
4226	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0001855	ACT1	YFL039C	0.220	13
4227	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0001490	CAP1	YKL007W	0.220	13
4228	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0001296	CAP2	YIL034C	0.220	13
4229	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0001562	SMY1	YKL079W	0.220	13

4230	S0006372	NUT2	YPR168W		S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4231	S0000493	SNF5	YBR289W	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; proteolytic degradation;	S0006175	HF11	YPL254W		0.220	13
4232	S0005785	RPT4	YOR259C	cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4233	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0005082	SRV2	YNL138W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.220	13
4234	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.220	13
4235	S0005234	RFC3	YNL290W	DNA synthesis and replication;	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.220	13
4236	S0005234	RFC3	YNL290W	DNA synthesis and replication;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	0.220	13
4237	S0001324	ARC15	YIL062C	cytoskeleton-dependent transport;	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	0.220	13



				regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; regulation of lipid, fatty-acid and isoprenoid metabolism;							
4238	S0002615	UME6	YDR207C	meiosis;	S0004712	YKU80	HDF2	YMR106C	DNA recombination and DNA repair; DNA repair;	0.220	13
4239	S0005234	RFC3	YNL290W	DNA synthesis and replication;	S0005046	POL1		YNL102W	DNA synthesis and replication;	0.220	13
4240	S0005234	RFC3	YNL290W	DNA synthesis and replication;	S0002459	DBF4		YDR052C	DNA synthesis and replication;	0.220	13
4241	S0005234	RFC3	YNL290W	DNA synthesis and replication;	S0001596	RAD27		YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.220	13
4242	S0005234	RFC3	YNL290W	DNA synthesis and replication;	S0004093	CDC45		YLR103C	DNA synthesis and replication;	0.220	13
4243	S0005256	RFA2	YNL312W	DNA synthesis and replication;	S0002175	CDC7		YDL017W	DNA synthesis and replication; meiosis;	0.220	13
4244	S0005256	RFA2	YNL312W	DNA synthesis and replication;	S0002459	DBF4		YDR052C	DNA synthesis and replication;	0.220	13
				regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;					DNA recombination and DNA repair; DNA repair; general transcription activities;		
4245	S0005411	GAL11	YOL051W		S0006229	CCL1		YPR025C		0.220	13
4246	S0004663	SEN15	YMR059W	tRNA transcription; tRNA processing;	S0001688	LOS1		YKL205W	tRNA transcription; tRNA processing; RNA transport;	0.220	13

4247	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0004045	SPT8	YLR055C	0.220	13
4248	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0002583	NGG1	YDR176W	0.220	13
4249	S0005256	RFA2	YNL312W	DNA synthesis and replication;	S0004093	CDC45	YLR103C	0.220	13
4250	S0005411	GAL11	YOL051W	regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0006175	HF11	YPL254W	0.220	13
4251	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	S0004410	CDC73	YLR418C	0.220	13
4252	S0002851	SRB9 SSN2	YDR443C	regulation of C-compound and carbohydrate utilization; general transcription activities;	S0002285	PCL2	YDL127W	0.220	13
4253	S0001932	CDC26	YFR036W	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	S0004117	APC2	YLR127C	0.220	13

4254	S0005454	RFC4	YOL094C	DNA synthesis and replication;	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.220	13
4255	S0000402	TAF90 TAF5	YBR198C	general transcription activities;	S0005180	SIN4	YNL236W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4256	S0005454	RFC4	YOL094C	DNA synthesis and replication;	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.220	13
4257	S0005454	RFC4	YOL094C	DNA synthesis and replication;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	0.220	13
4258	S0005454	RFC4	YOL094C	DNA synthesis and replication;	S0001447	PR11	YIR008C	DNA synthesis and replication; meiosis;	0.220	13
4259	S0005454	RFC4	YOL094C	DNA synthesis and replication;	S0001596	RAD27	YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.220	13
4260	S0005454	RFC4	YOL094C	DNA synthesis and replication;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.220	13
4261	S0000458	TRS20	YBR254C	vesicular transport ;	S0005641	TRS33	YOR115C	vesicular transport ;	0.220	13
4262	S0000458	TRS20	YBR254C	vesicular transport ;	S0001524		YKL041W	protein targeting, sorting and translocation; vacuolar transport;	0.220	13
4263	S0000458	TRS20	YBR254C	vesicular transport ;	S0003398	KRE11	YGR166W	regulation of C-compound and carbohydrate utilization; vesicular transport ;	0.220	13

4264	S0004045	SPT8	YLR055C		S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4265	S0004045	SPT8	YLR055C		S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.220	13
4266	S0004093	CDC45	YLR103C	DNA synthesis and replication;	S0003169	MCM6	YGL201C	DNA synthesis and replication;	0.220	13
4267	S0004093	CDC45	YLR103C	DNA synthesis and replication;	S0000119	MCM2	YBL023C	DNA synthesis and replication;	0.220	13
4268	S0002274	NUP84	YDL116W	nuclear transport; sporulation and germination;	S0000909	GLE2	YER107C	RNA transport; nuclear transport;	0.220	13
4269	S0002856	ADA2	YDR448W		S0005180	SIN4	YNL236W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4270	S0002306	RPN5	YDL147W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4271	S0004306	CDC3	YLR314C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000818	BIM1	YER016W	cell cycle checkpoints ; nucleus;	0.220	13
4272	S0004736	POM152	YMR129W	nuclear transport;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.220	13

4273	S0005318	ARC35	YNR035C	cytoskeleton-dependent transport;	S0004258	SEC22	YLR268W	vesicular transport ;	0.220	13
4274	S0002323	CDC9	YDL164C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.220	13
4275	S0004810	VT11	YMR197C	protein targeting, sorting and translocation; vesicular transport ;	S0000492	APM3	YBR288C	cellular import;	0.220	13
4276	S0005450	MSH2	YOL090W	DNA recombination and DNA repair;	S0001622	CTK1	YKL139W		0.220	13
4277	S0000137	PRE7	YBL041W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4278	S0005888	PRT1	YOR361C	translation; sporulation and germination;	S0005013		YNL069C		0.220	13
4279	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0005508	SPT20	YOL148C		0.220	13
4280	S0003506	TAF145	YGR274C	DNA restriction or modification; chromatin modification; general transcription activities;	S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	0.220	13
4281	S0005888	PRT1	YOR361C	translation; sporulation and germination;	S0001802		YKR094C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4282	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.220	13
4283	S0005888	PRT1	YOR361C	translation; sporulation and germination;	S0001564	TEF4	YKL081W	translation;	0.220	13
4284	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4285	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0004410	CDC73	YLR418C		0.220	13

4286	S0001762	DYN1	YKR054C	vesicular transport ; cytoskeleton-dependent transport;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.220	13
4287	S0002255	RPN6	YDL097C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4288	S0001762	DYN1	YKR054C	vesicular transport ; cytoskeleton-dependent transport;	S0003029	DUO1	YGL061C	cytokinesis ;	0.220	13
4289	S0000896	PUP3	YER094C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4290	S0005787	RPN8	YOR261C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4291	S0003168	EMP24	YGL200C	vesicular transport ;	S0006180	APM1	YPL259C	protein targeting, sorting and translocation; vesicular transport ; Golgi;	0.220	13
4292	S0005495	MED7	YOL135C		S0000285	SPT7	YBR081C		0.220	13
4293	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0002796	RVS167	YDR388W	budding, cell polarity and filament formation;	0.220	13
4294	S0005495	MED7	YOL135C		S0005816	SNF2	YOR290C	regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4295	S0005495	MED7	YOL135C		S0006372	NUT2	YPR168W		0.220	13
4296	S0005495	MED7	YOL135C		S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	0.220	13
4297	S0003029	DUO1	YGL061C	cytokinesis ;	S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	0.220	13
4298	S0003029	DUO1	YGL061C	cytokinesis ;	S0004908	JNM1	YMR294W	cytoskeleton-dependent transport;	0.220	13

4299	S0001790	NUP133	YKR082W	RNA transport; nuclear transport; sporulation and germination;	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	0.220	13
4300	S0005495	MED7	YOL135C		S0004410	CDC73	YLR418C		0.220	13
4301	S0003174	CHC1	YGL206C	protein targeting, sorting and translocation; cellular import;	S0001618	APL2	YKL135C	assembly of protein complexes; cellular import;	0.220	13
4302	S0003174	CHC1	YGL206C	protein targeting, sorting and translocation; cellular import;	S0006233	APL4	YPR029C	assembly of protein complexes; cellular import;	0.220	13
4303	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4304	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0006394	RPC82	YPR190C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.220	13
4305	S0004542	BET5	YML077W	vesicular transport ;	S0004258	SEC22	YLR268W	vesicular transport ;	0.220	13
4306	S0003493	APL6	YGR261C	cellular import;	S0000301	VPS15	YBR097W	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport;	0.220	13
4307	S0000301	VPS15	YBR097W	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport;	S0006116	APL5	YPL195W	cellular import;	0.220	13
4308	S0001541	TOA2	YKL058W	general transcription activities;	S0002800	SPT3	YDR392W	pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4309	S0003493	APL6	YGR261C	cellular import;	S0005562	PEP12	YOR036W	protein targeting, sorting and translocation; vacuolar transport;	0.220	13

4310	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0001406	TID3	YIL144W		0.220	13
4311	S0002324	CDC36	YDL165W		S0000870	SIG1	YER068W	pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4312	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0000415	AME1	YBR211C		0.220	13
4313	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	S0001083	SRB2	YHR041C	general transcription activities;	0.220	13
4314	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; sporulation and germination;	S0006314	RPC40	YPR110C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.220	13
4315	S0004258	SEC22	YLR268W	vesicular transport ;	S0003105	SEC27	YGL137W	vesicular transport ;	0.220	13
4316	S0004258	SEC22	YLR268W	vesicular transport ;	S0002815	TRS120	YDR407C	vesicular transport ; cytoskeleton-dependent transport;	0.220	13
4317	S0004258	SEC22	YLR268W	vesicular transport ;	S0003826	ARP3	YJR065C	transport;	0.220	13
4318	S0004258	SEC22	YLR268W	vesicular transport ;	S0004831	TRS130	YMR218C	vesicular transport ;	0.220	13



4319	S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0002800	SPT3	YDR392W	pheromone response, mating-type determination, sex-specific proteins; rRNA transcription; rRNA synthesis;	0.220	13
4320	S0005867	RPA43	YOR340C	synthesis;	S0002563	RPA14	YDR156W	cytoskeleton-dependent transport;	0.220	13
4321	S0005798	YTM1	YOR272W		S0004908	JNM1	YMR294W		0.220	13
4322	S0004258	SEC22	YLR268W	vesicular transport ;	S0000458	TRS20	YBR254C	vesicular transport ;	0.220	13
4323	S0004258	SEC22	YLR268W	vesicular transport ;	S0002880	TRS31	YDR472W	vesicular transport ;	0.220	13
4324	S0004258	SEC22	YLR268W	vesicular transport ;	S0005641	TRS33	YOR115C	vesicular transport ;	0.220	13
4325	S0003080	TAF60 TAF6	YGL112C	general transcription activities;	S0005180	SIN4	YNL236W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4326	S0004718	MED11	YMR112C	general transcription activities;	S0004410	CDC73	YLR418C		0.220	13
4327	S0002876	TLG1	YDR468C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; endoplasmic reticulum; vacuole or lysosome;	S0000492	APM3	YBR288C	cellular import;	0.220	13

4328	S0001141	TRA1	YHR099W		S0005180	SIN4	YNL236W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4329	S0000823	RPN3	YER021W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4330	S0002736	SKP1	YDR328C	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; assembly of protein complexes; vesicular transport ;	S0002461	CDC34	YDR054C	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; DNA synthesis and replication; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4331	S0002351	ARF1	YDL192W		S0003105	SEC27	YGL137W	vesicular transport ;	0.220	13
4332	S0005508	SPT20	YOL148C		S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4333	S0006391	RPO26	YPR187W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0002563	RPA14	YDR156W	rRNA transcription; rRNA synthesis;	0.220	13

4334	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0003399	CLC1	YGR167W	vesicular transport ; cellular import; cell growth / morphogenesis;	0.220	13
4335	S0005508	SPT20	YOL148C		S0004636	ARP9	YMR033W		0.220	13
4336	S0004976	HHT2	YNL031C		S0000098	HTB2	YBL002W		0.220	13
4337	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0003803	NUP85	YJR042W	tRNA transcription; tRNA processing; nuclear transport; sporulation and germination;	0.220	13
4338	S0001323	SNP1	YIL061C	mRNA processing ; splicing;	S0001557	MUD2	YKL074C	mRNA processing ; splicing;	0.220	13
4339	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	S0004494	RAD52	YML032C	DNA recombination and DNA repair; DNA repair; pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4340	S0004650	NUP116	YMR047C	tRNA transcription; tRNA processing; nuclear transport;	S0000175		YBL079W	cytokinesis ; nuclear transport;	0.220	13
4341	S0001898	NIC96	YFR002W	nuclear transport;	S0002274	NUP84	YDL116W	nuclear transport; sporulation and germination;	0.220	13
4342	S0003973	COF1	YLL050C	assembly of protein complexes; cellular import; budding, cell polarity and filament formation;	S0002796	RVS167	YDR388W	budding, cell polarity and filament formation;	0.220	13
4343	S0002583	NGG1	YDR176W	regulation of C-compound and carbohydrate utilization; general transcription activities;	S0005180	SIN4	YNL236W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4344	S0002574	TAF25	TAF1C	YDR167W	S0003336	SRB5	YGR104C	general transcription activities;	0.220	13
4345	S0002574	TAF25	TAF1C	YDR167W	S0001083	SRB2	YHR041C	general transcription activities;	0.220	13

4346	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0004061	RGR1	YLR071C	regulation of C-compound and carbohydrate utilization; metabolism of energy reserves ; general transcription activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4347	S0004165	CBF5	YLR175W	rRNA transcription; rRNA processing; cell growth / morphogenesis; cytoskeleton;	S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4348	S0002574	TAF25 TAF1C	YDR167W	general transcription activities;	S0005180	SIN4	YNL236W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4349	S0004165	CBF5	YLR175W	rRNA transcription; rRNA processing; cell growth / morphogenesis; cytoskeleton;	S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	0.220	13
4350	S0002802	RPT3	YDR394W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4351	S0003098	CEG1	YGL130W	mRNA processing ;	S0004410	CDC73	YLR418C		0.220	13
4352	S0000358	RPB5	YBR154C	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis; general transcription activities;	S0002563	RPA14	YDR156W	rRNA transcription; rRNA synthesis;	0.220	13
4353	S0003119	NUT1	YGL151W		S0004777	MLH1	YMR167W	DNA recombination and DNA repair; meiosis;	0.220	13

4354	S0003119	NUT1	YGL151W		S0005364	SIN3	YOL004W	regulation of lipid, fatty-acid and isoprenoid metabolism; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4355	S0003119	NUT1	YGL151W		S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13
4356	S0001622	CTK1	YKL139W		S0000038	CLN3	YAL040C	DNA synthesis and replication; stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.220	13
4357	S0000438	ARC40	YBR234C	cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005707	LAS17	YOR181W	cytokinesis ; assembly of protein complexes; budding, cell polarity and filament formation;	0.220	13
4358	S0001324	ARC15	YIL062C	cytoskeleton-dependent transport;	S0004258	SEC22	YLR268W	vesicular transport ;	0.220	13
4359	S0003577	NSP1	YJL041W	tRNA transcription; other tRNA-transcription activities; nuclear transport;	S0000175		YBL079W	cytokinesis ; nuclear transport;	0.220	13
4360	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004557	PRE8	YML092C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4361	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001069	RPN1	YHR027C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4362	S0003324	DBF2	YGR092W		S0006175	HF11	YPL254W		0.220	13

4363	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0000814	PRE1	YER012W	proteolytic degradation; cytoplasmic and nuclear degradation; other cell rescue activities; sporulation and germination;	0.220	13
4364	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0004931	PRE5	YMR314W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4365	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0005398	PRE6	YOL038W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4366	S0003324	DBF2	YGR092W		S0001141	TRA1	YHR099W		0.220	13
4367	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0006307	PRE2	YPR103W	meiosis; proteolytic degradation; cytoplasmic and nuclear degradation; sporulation and germination;	0.220	13
4368	S0001308	MET30	YIL046W	regulation of amino acid metabolism; proteolytic degradation; cytoplasmic and nuclear degradation;	S0002461	CDC34	YDR054C	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; DNA synthesis and replication; protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4369	S0002609	SPC19	YDR201W		S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins;	0.220	13
4370	S0003597	NUP82	YJL061W	RNA transport; nuclear transport;	S0002274	NUP84	YDL116W	nuclear transport; sporulation and germination;	0.220	13
4371	S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	S0004636	ARP9	YMR033W		0.220	13
4372	S0004777	MLH1	YMR167W	DNA recombination and DNA repair; meiosis;	S0005057	RPC19	YNL113W	rRNA transcription; rRNA synthesis; tRNA transcription; tRNA synthesis;	0.220	13

4373	S0002609	SPC19	YDR201W		S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	0.220	13
4374	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	0.220	13
4375	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0002563	RPA14	YDR156W	rRNA transcription; rRNA synthesis;	0.220	13
4376	S0002104	RPL2A	YFR031C-A		S0005888	PRT1	YOR361C	translation; sporulation and germination;	0.220	13
4377	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0001596	RAD27	YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.220	13
4378	S0006214	RPA135	YPR010C	rRNA transcription; rRNA synthesis;	S0004410	CDC73	YLR418C		0.220	13
4379	S0006379	DPB2	YPR175W	DNA synthesis and replication;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.220	13
4380	S0002350		YDL191W		S0005888	PRT1	YOR361C	translation; sporulation and germination;	0.220	13
4381	S0002163	MED2	YDL005C		S0006372	NUT2	YPR168W		0.220	13
4382	S0002163	MED2	YDL005C		S0005508	SPT20	YOL148C		0.220	13
4383	S0002163	MED2	YDL005C		S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	0.220	13
4384	S0002163	MED2	YDL005C		S0003119	NUT1	YGL151W		0.220	13
4385	S0006125	HRR25	YPL204W	DNA recombination and DNA repair; DNA repair; meiosis;	S0002987	CKB1	YGL019W	tRNA transcription; tRNA synthesis;	0.220	13
4386	S0002163	MED2	YDL005C		S0004410	CDC73	YLR418C		0.220	13
4387	S0001524		YKL041W	protein targeting, sorting and translocation; vacuolar transport;	S0006180	APM1	YPL259C	protein targeting, sorting and translocation; vesicular transport ; Golgi;	0.220	13
4388	S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.220	13
4389	S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins;	S0003029	DUO1	YGL061C	cytokinesis ;	0.220	13

4390	S0001083	SRB2	YHR041C	general transcription activities;	S0000457	SRB6	YBR253W	regulation of amino acid metabolism; regulation of C-compound and carbohydrate utilization; general transcription activities; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.220	13	
4391	S0004732	STO1	GCR3	YMR125W	mRNA processing ; splicing;	S0001557	MUD2	YKL074C	mRNA processing ; splicing;	0.220	13
4392	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	0.220	13	
4393	S0001083	SRB2	YHR041C	general transcription activities;	S0002856	ADA2	YDR448W		0.220	13	
4394	S0001083	SRB2	YHR041C	general transcription activities;	S0006175	HF11	YPL254W		0.220	13	
4395	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13	
4396	S0001083	SRB2	YHR041C	general transcription activities;	S0001141	TRA1	YHR099W		0.220	13	
4397	S0004812	CLN1	YMR199W		S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.220	13	
4398	S0000189	ROX3	YBL093C	stress response;	S0000285	SPT7	YBR081C		0.220	13	
4399	S0006312	RPN7	YPR108W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13	
4400	S0000356	SPP381	YBR152W	mRNA processing ; splicing;	S0001557	MUD2	YKL074C	mRNA processing ; splicing;	0.220	13	
4401	S0000189	ROX3	YBL093C	nucleus;	S0006372	NUT2	YPR168W		0.220	13	
4402	S0000189	ROX3	YBL093C	stress response;	S0005508	SPT20	YOL148C		0.220	13	
4403	S0000189	ROX3	YBL093C	stress response;	S0003484	GCN5	YGR252W	DNA restriction or modification; chromatin modification; protein modification;	0.220	13	



								DNA synthesis and replication; DNA recombination and DNA repair; pheromone response, mating-type determination, sex-specific proteins;		
4404	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	S0000065	RFA1	YAR007C		0.220	13
4405	S0000189	ROX3	YBL093C	stress response;	S0003119	NUT1	YGL151W		0.220	13
4406	S0004975	HHF2	YNL030W		S0000098	HTB2	YBL002W		0.220	13
4407	S0002979	SCL1	YGL011C	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4408	S0002165	RPT2	YDL007W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0002178	RPN4	YDL020C	proteolytic degradation; cytoplasmic and nuclear degradation;	0.220	13
4409	S0000392	NTC20	YBR188C	mRNA processing ; splicing;	S0001208	PRP8	YHR165C	mRNA processing ; splicing;	0.220	13
4410	S0006305	SNT309	YPR101W	mRNA processing ; splicing;	S0002772	CDC40	YDR364C	DNA synthesis and replication;	0.220	13
4411	S0000677	SRB8	YCR081W	regulation of C-compound and carbohydrate utilization; general transcription activities;	S0002285	PCL2	YDL127W		0.220	13
4412	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.220	13
4413	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.220	13
4414	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0004410	CDC73	YLR418C		0.220	13
4415	S0000973	RAD3	YER171W	DNA recombination and DNA repair; DNA repair; general transcription activities;	S0004494	RAD52	YML032C	DNA recombination and DNA repair; DNA repair; pheromone response, mating-type determination, sex-specific proteins;	0.220	13

4416	S0001776	BET3	YKR068C	vesicular transport ;	S0001524		YKL041W	protein targeting, sorting and translocation; vacuolar transport;	0.220	13
4417	S0005194	RAD50	YNL250W	DNA recombination and DNA repair; DNA repair; meiosis;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.209	14
4418	S0003502	YTA7	YGR270W	proteolytic degradation; cytoplasmic and nuclear degradation;	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	0.209	14
4419	S0001368	MOB1	YIL106W		S0002553	SWI5	YDR146C	pheromone response, mating-type determination, sex-specific proteins;	0.209	14
4420	S0003865	SOD1	YJR104C	detoxification;	S0000913	SWI4	YER111C		0.209	14
4421	S0000913	SWI4	YER111C		S0000049		YAL053W		0.209	14
4422	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0003865	SOD1	YJR104C	detoxification;	0.209	14
4423	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004818	PFK2	YMR205C	regulation of C-compound and carbohydrate utilization; glycolysis and gluconeogenesis;	0.209	14
4424	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0000566	MRC1	YCL061C		0.209	14
4425	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0000038	CLN3	YAL040C	DNA synthesis and replication; stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.209	14

4426	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.209	14
4427	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.209	14
4428	S0001776	BET3	YKR068C	vesicular transport ;	S0004322	CHS5	YLR330W	regulation of C-compound and carbohydrate utilization; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.209	14
4429	S0000916	BOI2	YER114C	budding, cell polarity and filament formation;	S0005251	MCK1	YNL307C	meiosis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.209	14
4430	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.209	14

4431	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.209	14
4432	S0004224	TOP3	YLR234W	meiosis; protein folding and stabilization; stress response;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.209	14
4433	S0002562	CPH1 CPR1	YDR155C	cell cycle checkpoints ;	S0001346	SDS3	YIL084C	sporulation and germination;	0.209	14
4434	S0003420	BUB1	YGR188C	proteolytic degradation;	S0002726	MCM21	YDR318W		0.209	14
4435	S0003084	CDC20	YGL116W		S0000521	DCC1	YCL016C		0.209	14
4436	S0005670	EFD1 ELG1	YOR144C		S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	0.209	14
4437	S0005561	SHE4	YOR035C	cellular import; pheromone response, mating-type determination, sex-specific proteins; lipid transporters;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.209	14
4438	S0005939	CTF19	YPL018W		S0003420	BUB1	YGR188C	cell cycle checkpoints ;	0.209	14
4439	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005929	CHL1	YPL008W		0.209	14
4440	S0004075	ARP6	YLR085C		S0001776	BET3	YKR068C	vesicular transport ;	0.209	14
4441	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0002205	SIT4	YDL047W	budding, cell polarity and filament formation;	0.209	14

4442	S0001948	RPN12	YFR052W	proteolytic degradation; cytoplasmic and nuclear degradation; stress response;	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton;	0.209	14
4443	S0005008	YDJ1	YNL064C	protein targeting, sorting and translocation; mitochondrial transport; vesicular transport ; stress response;	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	0.209	14
4444	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	0.209	14
4445	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton- dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0001505	CDC16	YKL022C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation;	0.209	14
4446	S0000419	HPC2	YBR215W		S0006222	RLF2	YPR018W	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes;	0.209	14
4447	S0003324	DBF2	YGR092W		S0000022	LTE1	YAL024C		0.209	14
4448	S0005217	TOF1	YNL273W	DNA recombination and DNA repair;	S0000291	RFC5	YBR087W	DNA synthesis and replication; cell cycle checkpoints ;	0.209	14

4449	S0004322	CHS5	YLR330W	regulation of C-compound and carbohydrate utilization; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; DNA synthesis and replication; meiosis;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; DNA synthesis and replication;	0.209	14
4450	S0002175	CDC7	YDL017W		S0004093	CDC45	YLR103C	cytoskeleton-dependent transport;	0.209	14
4451	S0002718	SUM1	YDR310C		S0004362	ARC18	YLR370C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.209	14
4452	S0000063	NUP60	YAR002W	nuclear transport;	S0004837	MRE11	YMR224C	budding, cell polarity and filament formation;	0.209	14
4453	S0003865	SOD1	YJR104C	detoxification;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.209	14
4454	S0004365	VID22	YLR373C		S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.209	14
4455	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	S0003972		YLL049W		0.209	14
4456	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0000299		YBR095C		0.209	14
4457	S0004378	VAC14	YLR386W		S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.209	14
4458	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003660	LSM1	YJL124C	mRNA processing ; DNA synthesis and replication; cell cycle checkpoints ;	0.209	14
4459	S0004651	CSM3	YMR048W		S0000291	RFC5	YBR087W	stress response; cell growth / morphogenesis;	0.209	14
4460	S0005553	ST11	YOR027W		S0003054	MAD1	YGL086W	cell cycle checkpoints ;	0.209	14

4461	S0001936	SAP155	YFR040W	budding, cell polarity and filament formation;	S0004362	ARC18	YLR370C	cytoskeleton-dependent transport;	0.209	14
4462	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.206	15
4463	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	0.206	15
4464	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	0.206	15
4465	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	0.206	15

4466	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15
4467	S0003135	PMR1	YGL167C	vesicular transport ; ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0003324	DBF2	YGR092W		0.206	15
4468	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	0.206	15
4469	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.206	15



4470	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	0.206	15
4471	S0003135	PMR1	YGL167C	vesicular transport ; ionic homeostasis; homeostasis of of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4472	S0005632	VAM3	YOR106W	assembly of protein complexes; vacuolar transport;	S0001856	YPT1	YFL038C	vesicular transport ;	0.206	15
4473	S0005632	VAM3	YOR106W	assembly of protein complexes; vacuolar transport;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.206	15
4474	S0005632	VAM3	YOR106W	assembly of protein complexes; vacuolar transport;	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	0.206	15
4475	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0003384	RSR1	YGR152C	budding, cell polarity and filament formation;	0.206	15
4476	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0000999	STE20	YHL007C	cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton;	0.206	15

4477	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0003944	SPA2	YLL021W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4478	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.206	15
4479	S0001856	YPT1	YFL038C	vesicular transport ;	S0005215	BNI1	YNL271C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4480	S0001856	YPT1	YFL038C	vesicular transport ;	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4481	S0001856	YPT1	YFL038C	vesicular transport ;	S0005658	VPS17	YOR132W	protein targeting, sorting and translocation;	0.206	15

4482	S0001856	YPT1	YFL038C	vesicular transport ;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import; assembly of protein complexes;	0.206	15
4483	S0001856	YPT1	YFL038C	vesicular transport ;	S0002487	VPS41	YDR080W		0.206	15
4484	S0001856	YPT1	YFL038C	vesicular transport ;	S0003821	CBF1	YJR060W	regulation of amino acid metabolism; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization; nucleus; cytokinesis ; budding, cell polarity and filament formation;	0.206	15
4485	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0002915	GIN4	YDR507C		0.206	15
4486	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0000024	DRS2	YAL026C	vesicular transport ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.206	15
4487	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4488	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15

4489	S0000913	SWI4	YER111C		S0003966	FPS1	YLL043W	C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters; meiosis; sporulation and germination; nucleus;	0.206	15
4490	S0001856	YPT1	YFL038C	vesicular transport ; budding, cell polarity and filament formation;	S0001046	NEM1	YHR004C		0.206	15
4491	S0004311	BUD6	YLR319C		S0000913	SWI4	YER111C		0.206	15
4492	S0001856	YPT1	YFL038C	vesicular transport ;	S0002164	PTC1	YDL006W	mitochondrion;	0.206	15
4493	S0000913	SWI4	YER111C		S0005436	1-Dec	YOL076W		0.206	15
4494	S0001856	YPT1	YFL038C	vesicular transport ;	S0002515	GSG1	YDR108W	meiosis; vesicular transport ; sporulation and germination;	0.206	15
4495	S0001856	YPT1	YFL038C	vesicular transport ; budding, cell polarity and filament formation;	S0000818	BIM1	YER016W	cell cycle checkpoints ; nucleus;	0.206	15
4496	S0004311	BUD6	YLR319C		S0005436	1-Dec	YOL076W		0.206	15
4497	S0001856	YPT1	YFL038C	vesicular transport ; DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0001023	GOS1	YHL031C	protein targeting, sorting and translocation; vesicular transport ;	0.206	15
4498	S0003804	POL32	YJR043C		S0005743	RFC1	YOR217W	DNA synthesis and replication;	0.206	15

4499	S0001856	YPT1	YFL038C	vesicular transport ; vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	S0000640	COS16	YCR044C	ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.206	15
4500	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	S0005624	NUP1	YOR098C	nuclear transport;	0.206	15
4501	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	0.206	15
4502	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4503	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15

4504	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.206	15
4505	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	0.206	15
4506	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	0.206	15
4507	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0005721	SLK19	YOR195W		0.206	15
4508	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.206	15
4509	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0006130	IPL1	YPL209C		0.206	15
4510	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0006010		YPL089C	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities;	0.206	15
4511	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15

4512	S0000957	BEM2	YER155C	budding, cell polarity and filament formation; nitrogen and sulfur metabolism; regulation of nitrogen and sulphur utilization;	S0000999	STE20	YHL007C	cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton;	0.206	15
4513	S0005173	URE2	YNL229C	budding, cell polarity and filament formation;	S0000913	SWI4	YER111C		0.206	15
4514	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0005540	RTS1	YOR014W	stress response;	0.206	15
4515	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004550	TUB1	YML085C		0.206	15
4516	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0003324	DBF2	YGR092W		0.206	15
4517	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0002186	MPS1	YDL028C	meiosis;	0.206	15
4518	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004478	PPZ1	YML016C	stress response;	0.206	15
4519	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4520	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0000913	SWI4	YER111C		0.206	15

4521	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0003966	FPS1	YLL043W	C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters;	0.206	15
4522	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0005251	MCK1	YNL307C	meiosis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.206	15
4523	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.206	15
4524	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	0.206	15



4525	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	0.206	15
4526	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15

4527	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4528	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0005540	RTS1	YOR014W	stress response;	0.206	15

4529	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.206	15
4530	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.206	15
4531	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15

4532	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0000913	SWI4	YER111C	0.206	15
4533	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0003966	FPS1	YLL043W	0.206	15
4534	S0006053		YPL132W	metabolism of vitamins, cofactors, and prosthetic groups; biosynthesis of vitamins, cofactors, and prosthetic groups; assembly of protein complexes; cell wall;	S0005023		YNL079C	0.206	15

C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters;

other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;

4535	S0000951	PEA2	YER149C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15
4536	S0000951	PEA2	YER149C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell cycle checkpoints ;	S0003384	RSR1	YGR152C	budding, cell polarity and filament formation;	0.206	15
4537	S0000818	BIM1	YER016W	nucleus;	S0002186	MPS1	YDL028C	meiosis;	0.206	15
4538	S0000951	PEA2	YER149C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.206	15
4539	S0000951	PEA2	YER149C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4540	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15

4541	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4542	S0000285	SPT7	YBR081C		S0003834	OPI3	YJR073C	lipid, fatty-acid and isoprenoid biosynthesis;	0.206	15
4543	S0005540	RTS1	YOR014W	stress response;	S0000913	SWI4	YER111C		0.206	15
4544	S0005540	RTS1	YOR014W	stress response;	S0002822		YDR414C	protein targeting, sorting and translocation; protein modification; cell wall;	0.206	15
4545	S0003337	VMA21	YGR105W	assembly of protein complexes; cytoskeleton-dependent transport;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.206	15
4546	S0006076	KIP2	YPL155C		S0004550	TUB1	YML085C		0.206	15
4547	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion; cytoskeleton-dependent transport;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.206	15
4548	S0006076	KIP2	YPL155C		S0002186	MPS1	YDL028C	meiosis;	0.206	15
4549	S0003550	MAD3	YJL013C	cell cycle checkpoints ;	S0001857	TUB2	YFL037W	meiosis;	0.206	15
4550	S0003337	VMA21	YGR105W	assembly of protein complexes;	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	0.206	15
4551	S0002557	NUM1	YDR150W		S0004550	TUB1	YML085C		0.206	15

4552	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0000375	SEC66	YBR171W	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.206	15
4553	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0005378	TLG2	YOL018C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;	0.206	15
4554	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0003589	PEP8	YJL053W	protein targeting, sorting and translocation;	0.206	15
4555	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0003135	PMR1	YGL167C	vesicular transport ; ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.206	15
4556	S0003550	MAD3	YJL013C	cell cycle checkpoints ;	S0004550	TUB1	YML085C		0.206	15
4557	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	S0001515		YKL032C		0.206	15

4558	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4559	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import; assembly of protein complexes;	S0001023	GOS1	YHL031C	protein targeting, sorting and translocation; vesicular transport ;	0.206	15
4560	S0003337	VMA21	YGR105W	assembly of protein complexes;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.206	15
4561	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.206	15
4562	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0000640	COS16	YCR044C	ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.206	15
4563	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000285	SPT7	YBR081C		0.206	15



4564	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.206	15
4565	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15
4566	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000999	STE20	YHL007C	cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton;	0.206	15

4567	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003944	SPA2	YLL021W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4568	S0001072	SLT2	YHR030C	stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation; stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	0.206	15
4569	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton;	S0000201	PKC1	YBL105C	protein folding and stabilization; cytoskeleton; nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4570	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton;	S0005187	SLA2	YNL243W	protein folding and stabilization; cytoskeleton; nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15

4571	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005023	YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4572	S0005378	TLG2	YOL018C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;	S0004460	YPT7	vesicular transport ; cellular import;	0.206	15
4573	S0000002	VPS8	YAL002W	protein targeting, sorting and translocation; vacuolar transport;	S0005615	VPS21	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.206	15
4574	S0001072	SLT2	YHR030C	stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000039	CDC24	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.206	15

4575	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4576	S0000002	VPS8	YAL002W	protein targeting, sorting and translocation; vacuolar transport;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.206	15
4577	S0000002	VPS8	YAL002W	protein targeting, sorting and translocation; vacuolar transport;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.206	15
4578	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0005215	BNI1	YNL271C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4579	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4580	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0000157	SKT5	YBL061C	regulation of C-compound and carbohydrate utilization; cell wall;	0.206	15

4581	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	0.206	15
4582	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	0.206	15
4583	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton;	0.206	15
4584	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton;	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	0.206	15
4585	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0003836	HOC1	YJR075W	protein modification; cell growth / morphogenesis; budding, cell polarity and filament formation; cell wall;	0.206	15
4586	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0004322	CHS5	YLR330W	regulation of C-compound and carbohydrate utilization; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4587	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton; cellular import; budding, cell polarity and filament formation;	S0006130	IPL1	YPL209C		0.206	15
4588	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	0.206	15

4589	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000913	SWI4	YER111C	0.206	15
4590	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0005028	END3	YNL084C	0.206	15
4591	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004908	JNM1	YMR294W	0.206	15
4592	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0002536	SAC6	YDR129C	0.206	15
4593	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0000729	GIM4	YEL003W	0.206	15
4594	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0003635	CHS6	YJL099W	0.206	15
4595	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton; cellular import; budding, cell polarity and filament formation;	S0001065	MYO1	YHR023W	0.206	15
4596	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0005584	ASE1	YOR058C	0.206	15

4597	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton; cellular import; budding, cell polarity and filament formation;	S0002186	MPS1	YDL028C	meiosis;	0.206	15
4598	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton; assembly of protein complexes; budding, cell polarity and filament formation;	0.206	15
4599	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0005177	BNI4	YNL233W	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.206	15
4600	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton; cellular import; budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C		0.206	15
4601	S0001855	ACT1	YFL039C	protein folding and stabilization; cytoskeleton; cellular import; budding, cell polarity and filament formation;	S0000913	SWI4	YER111C		0.206	15
4602	S0004190	YKE2	YLR200W	protein folding and stabilization; cytoskeleton; protein targeting, sorting and translocation;	S0003146		YGL178W	stress response; cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins; cell aging;	0.206	15
4603	S0003589	PEP8	YJL053W	budding, cell polarity and filament formation;	S0004460	YPT7	YML001W	vesicular transport ; cellular import; cytokinesis ; budding, cell polarity and filament formation;	0.206	15
4604	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	S0002915	GIN4	YDR507C		0.206	15
4605	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	S0004478	PPZ1	YML016C	stress response;	0.206	15

4606	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4607	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4608	S0004924	GAS1	YMR307W	other lipid, fatty-acid and isoprenoid metabolism activities; cell wall;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.206	15
4609	S0004924	GAS1	YMR307W	other lipid, fatty-acid and isoprenoid metabolism activities; cell wall;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4610	S0005849		YOR322C		S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.206	15
4611	S0005658	VPS17	YOR132W	protein targeting, sorting and translocation;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.206	15
4612	S0005658	VPS17	YOR132W	protein targeting, sorting and translocation;	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	0.206	15



4613	S0005849		YOR322C		S0003966	FPS1	YLL043W	C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters;	0.206	15
				assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;						
4614	S0001445	PAN1	YIR006C		S0002796	RVS167	YDR388W	budding, cell polarity and filament formation;	0.206	15
				assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;				cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;		
4615	S0001445	PAN1	YIR006C		S0000602	RVS161	YCR009C		0.206	15
				assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;				protein folding and stabilization; cytoskeleton;		
4616	S0001445	PAN1	YIR006C		S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton; vesicular transport ; cellular import;	0.206	15
4617	S0005658	VPS17	YOR132W		S0004460	YPT7	YML001W		0.206	15
				assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;				protein folding and stabilization; cytoskeleton;		
4618	S0001445	PAN1	YIR006C		S0005097	GIM3	YNL153C		0.206	15

4619	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	0.206	15
4620	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	0.206	15
4621	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4622	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000285	SPT7	YBR081C		0.206	15
4623	S0004876	SAP30	YMR263W	cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0006003	MOT1	YPL082C		0.206	15
4624	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003637	GSH1	YJL101C	detoxification;	0.206	15

4625	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15
4626	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004695	YTA12	YMR089C	respiration; assembly of protein complexes; proteolytic degradation; other proteolytic degradation;	0.206	15
4627	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000999	STE20	YHL007C	cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton;	0.206	15
4628	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003944	SPA2	YLL021W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4629	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	0.206	15

4630	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003135	PMR1	YGL167C	vesicular transport ; ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.206	15
4631	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000677	SRB8	YCR081W	regulation of C-compound and carbohydrate utilization; general transcription activities;	0.206	15
4632	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005887	PDE2	YOR360C	nucleotide metabolism; metabolism of cyclic and unusual nucleotides;	0.206	15
4633	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000685		YCR089W	pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4634	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0002864	NHX1	YDR456W	vesicular transport ; stress response; ionic homeostasis; homeostasis of cations; homeostasis of protons; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ;	0.206	15
4635	S0004763			protein folding and stabilization; protein modification; sporulation and germination;	S0001622	CTK1	YKL139W		0.206	15
4636	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0006175	HF11	YPL254W		0.206	15

4637	S0005008	YDJ1	YNL064C	protein targeting, sorting and translocation; mitochondrial transport; vesicular transport ; stress response;	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	0.206	15
4638	S0003461	SMI1	YGR229C	regulation of C-compound and carbohydrate utilization;	S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	0.206	15
4639	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005482		YOL122C	protein targeting, sorting and translocation; cellular import; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ; ion transporters; cation transporters; heavy metal ion transporters ;	0.206	15
4640	S0003631	BCK1	YJL095W	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0001515		YKL032C		0.206	15
4641	S0005584	ASE1	YOR058C		S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.206	15
4642	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.206	15

4643	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	S0002186	MPS1	YDL028C	meiosis;	0.206	15
4644	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.206	15
4645	S0001762	DYN1	YKR054C	vesicular transport ; cytoskeleton-dependent transport;	S0003551	CCT3	YJL014W	protein folding and stabilization;	0.206	15
4646	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	S0003146		YGL178W	stress response; cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins; cell aging;	0.206	15
4647	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0003944	SPA2	YLL021W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15

4648	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0005534	SLG1	YOR008C	stress response;	0.206	15
4649	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.206	15
4650	S0001762	DYN1	YKR054C	vesicular transport ; cytoskeleton-dependent transport;	S0002186	MPS1	YDL028C	meiosis;	0.206	15
4651	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005028	END3	YNL084C	cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4652	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000024	DRS2	YAL026C	vesicular transport ; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.206	15
4653	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4654	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.206	15

4655	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4656	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0000913	SWI4	YER111C		0.206	15
4657	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.206	15
4658	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0003966	FPS1	YLL043W	C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters;	0.206	15
4659	S0004202	TUB4	YLR212C		S0003550	MAD3	YJL013C	cell cycle checkpoints ; budding, cell polarity and filament formation;	0.206	15
4660	S0004202	TUB4	YLR212C		S0000957	BEM2	YER155C		0.206	15
4661	S0004202	TUB4	YLR212C		S0005791	RBL2	YOR265W	meiosis;	0.206	15
4662	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.206	15



4663	S0001857	TUB2	YFL037W	meiosis;	S0005791	RBL2	YOR265W	meiosis;	0.206	15
4664	S0004202	TUB4	YLR212C		S0004746	CIN4	YMR138W		0.206	15
4665	S0004202	TUB4	YLR212C		S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4666	S0004202	TUB4	YLR212C		S0006076	KIP2	YPL155C	cytoskeleton-dependent transport;	0.206	15
4667	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15
4668	S0003168	EMP24	YGL200C	vesicular transport ;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4669	S0001857	TUB2	YFL037W	meiosis;	S0004746	CIN4	YMR138W		0.206	15
4670	S0001857	TUB2	YFL037W	meiosis;	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	0.206	15
4671	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton;	S0002186	MPS1	YDL028C	meiosis;	0.206	15
4672	S0001857	TUB2	YFL037W	meiosis;	S0006076	KIP2	YPL155C	cytoskeleton-dependent transport;	0.206	15
4673	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton- dependent transport; budding, cell polarity and filament formation;	S0004334	FKS1	YLR342W		0.206	15
4674	S0004202	TUB4	YLR212C		S0005876	CIN1	YOR349W		0.206	15
4675	S0004202	TUB4	YLR212C		S0000818	BIM1	YER016W	cell cycle checkpoints ; nucleus;	0.206	15

4676	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	0.206	15
4677	S0004202	TUB4	YLR212C		S0006162	CIN2	YPL241C		0.206	15
4678	S0004202	TUB4	YLR212C		S0000809	PAC2	YER007W		0.206	15
4679	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4680	S0001857	TUB2	YFL037W	meiosis;	S0005876	CIN1	YOR349W		0.206	15
4681	S0001857	TUB2	YFL037W	meiosis;	S0006162	CIN2	YPL241C		0.206	15
4682	S0001857	TUB2	YFL037W	meiosis;	S0000809	PAC2	YER007W		0.206	15
4683	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	0.206	15
4684	S0005743	RFC1	YOR217W	DNA synthesis and replication;	S0006339	CTF4	YPR135W	DNA synthesis and replication;	0.206	15
4685	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0000913	SWI4	YER111C		0.206	15
4686	S0003384	RSR1	YGR152C	budding, cell polarity and filament formation;	S0003944	SPA2	YLL021W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15

4687	S0001857	TUB2	YFL037W	meiosis;	S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	0.206	15
4688	S0001857	TUB2	YFL037W	meiosis;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4689	S0004202	TUB4	YLR212C		S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	0.206	15
4690	S0005743	RFC1	YOR217W	DNA synthesis and replication;	S0001596	RAD27	YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.206	15
4691	S0004202	TUB4	YLR212C		S0004908	JNM1	YMR294W	cytoskeleton-dependent transport;	0.206	15
4692	S0001857	TUB2	YFL037W	meiosis;	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	0.206	15
4693	S0001857	TUB2	YFL037W	meiosis;	S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	0.206	15
4694	S0001857	TUB2	YFL037W	meiosis;	S0004908	JNM1	YMR294W	cytoskeleton-dependent transport;	0.206	15
4695	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	S0005436	1-Dec	YOL076W		0.206	15

4696	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	S0003966	FPS1	YLL043W	C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters;	0.206	15
4697	S0005028	END3	YNL084C	cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000913	SWI4	YER111C		0.206	15
4698	S0002384	SHS1	YDL225W	cytokinesis ; budding, cell polarity and filament formation;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.206	15
4699	S0001709	VPS1	YKR001C	protein targeting, sorting and translocation;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.206	15
4700	S0001709	VPS1	YKR001C	protein targeting, sorting and translocation;	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	0.206	15

4701	S0000630	FEN1	YCR034W	lipid, fatty-acid and isoprenoid biosynthesis; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.206	15
4702	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0005215	BNI1	YNL271C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4703	S0001490	CAP1	YKL007W	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4704	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4705	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4706	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0005795	PAC1	YOR269W		0.206	15

4707	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton;	0.206	15
4708	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0002557	NUM1	YDR150W		0.206	15
4709	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0000818	BIM1	YER016W	cell cycle checkpoints ; nucleus;	0.206	15
4710	S0005635	INP53	YOR109W	other lipid, fatty-acid and isoprenoid metabolism activities; cell wall;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.206	15
4711	S0000157	SKT5	YBL061C	regulation of C-compound and carbohydrate utilization; cell wall;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.206	15
4712	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0005584	ASE1	YOR058C		0.206	15
4713	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	0.206	15

				regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-						
4714	S0004363	ROM2	YLR371W	protein signalling;	S0005534	SLG1	YOR008C	stress response;	0.206	15
4715	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	0.206	15
4716	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0004908	JNM1	YMR294W	cytoskeleton-dependent transport;	0.206	15
4717	S0005266	KRE1	YNL322C		S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	0.206	15
4718	S0005266	KRE1	YNL322C		S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	0.206	15
4719	S0003551	CCT3	YJL014W	protein folding and stabilization;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.206	15
4720	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	S0003146		YGL178W	stress response; cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins; cell aging;	0.206	15

4721	S0000375	SEC66	YBR171W	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4722	S0005635	INP53	YOR109W	other lipid, fatty-acid and isoprenoid metabolism activities; cell wall;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.206	15
4723	S0003180	VAM7	YGL212W	vacuolar transport; vacuole or lysosome;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.206	15
4724	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0001857	TUB2	YFL037W	meiosis;	0.206	15
4725	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	0.206	15
4726	S0003180	VAM7	YGL212W	vacuolar transport; vacuole or lysosome;	S0005378	TLG2	YOL018C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;	0.206	15



4727	S0006345	KAR3	YPR141C	meiosis; assembly of protein complexes; cytoskeleton-dependent transport; stress response; pheromone response, mating-type determination, sex-specific proteins; nucleus;	S0004550	TUB1	YML085C		0.206	15
4728	S0006367	TIF3	YPR163C	translation;	S0005730		YOR204W	mRNA processing ; splicing; translation;	0.206	15
4729	S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	S0004924	GAS1	YMR307W	other lipid, fatty-acid and isoprenoid metabolism activities; cell wall;	0.206	15
4730	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton; vacuolar transport; vacuole or lysosome;	S0002186	MPS1	YDL028C	meiosis;	0.206	15
4731	S0003180	VAM7	YGL212W		S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.206	15
4732	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.206	15
4733	S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	0.206	15

4734	S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	S0004322	CHS5	YLR330W	regulation of C-compound and carbohydrate utilization; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4735	S0004258	SEC22	YLR268W	vesicular transport ; meiosis; sporulation and	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4736	S0000282		YBR078W	germination; cell wall;	S0004334	FKS1	YLR342W		0.206	15
4737	S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	S0000227	CHS3	YBR023C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination; cell wall;	0.206	15
4738	S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	S0003398	KRE11	YGR166W	regulation of C-compound and carbohydrate utilization; vesicular transport ;	0.206	15
4739	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	S0003146		YGL178W	stress response; cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins; cell aging;	0.206	15
4740	S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	S0000913	SWI4	YER111C		0.206	15

4741	S0000282		YBR078W	meiosis; sporulation and germination; cell wall; stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003966	FPS1	YLL043W	C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters;	0.206	15
4742	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005266	KRE1	YNL322C		0.206	15
4743	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005534	SLG1	YOR008C	stress response;	0.206	15
4744	S0005595	VPS5	YOR069W	protein targeting, sorting and translocation;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.206	15
4745	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0005378	TLG2	YOL018C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;	0.206	15
4746	S0005595	VPS5	YOR069W	protein targeting, sorting and translocation; assembly of protein complexes; vesicular transport ;	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	0.206	15
4747	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0002515	GSG1	YDR108W	meiosis; vesicular transport ; sporulation and germination;	0.206	15
4748	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0005182	KEX2	YNL238W	protein modification; pheromone response, mating-type determination, sex-specific proteins;	0.206	15

4749	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0001023	GOS1	YHL031C	protein targeting, sorting and translocation; vesicular transport ;	0.206	15
4750	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.206	15
4751	S0002351	ARF1	YDL192W	assembly of protein complexes; vesicular transport ;	S0000640	COS16	YCR044C	ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.206	15
4752	S0005595	VPS5	YOR069W	protein targeting, sorting and translocation;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.206	15
4753	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	0.206	15
4754	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	0.206	15
4755	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15
4756	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	S0000999	STE20	YHL007C	cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton;	0.206	15

4757	S0000999	STE20	YHL007C	cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton; protein modification; budding, cell polarity and filament formation;	S0003944	SPA2	YLL021W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4758	S0002653	MNN10	YDR245W	assembly of protein complexes; cell growth / morphogenesis;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.206	15
4759	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0001490	CAP1	YKL007W	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4760	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4761	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4762	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0005721	SLK19	YOR195W		0.206	15

4763	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	S0000762	ANP1	YEL036C	protein modification;	0.206	15
4764	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4765	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.206	15
4766	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15
4767	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0005028	END3	YNL084C	cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4768	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4769	S0002653	MNN10	YDR245W	protein modification; budding, cell polarity and filament formation;	S0005534	SLG1	YOR008C	stress response;	0.206	15

4770	S0000103	SLA1	YBL007C	assembly of protein complexes; cell growth / morphogenesis;	S0005251	MCK1	YNL307C	meiosis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.206	15
4771	S0002186	MPS1	YDL028C	meiosis;	S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	0.206	15
4772	S0002186	MPS1	YDL028C	meiosis;	S0005584	ASE1	YOR058C		0.206	15
4773	S0002186	MPS1	YDL028C	meiosis;	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton; cytoskeleton-dependent transport;	0.206	15
4774	S0002186	MPS1	YDL028C	meiosis;	S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	0.206	15
4775	S0002186	MPS1	YDL028C	meiosis;	S0004908	JNM1	YMR294W	cytoskeleton-dependent transport;	0.206	15
4776	S0002828	HKR1	YDR420W	regulation of C-compound and carbohydrate utilization;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.206	15
4777	S0002487	VPS41	YDR080W	assembly of protein complexes;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.206	15
4778	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.206	15
4779	S0005791	RBL2	YOR265W	meiosis;	S0004550	TUB1	YML085C		0.206	15

4780	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0001072	SLT2	YHR030C	stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	0.206	15
4781	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005008	YDJ1	YNL064C	protein targeting, sorting and translocation; mitochondrial transport; vesicular transport ; stress response;	0.206	15
4782	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	0.206	15
4783	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004876	SAP30	YMR263W	cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.206	15
4784	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	0.206	15



4785	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004219	CDC42	YLR229C	intracellular signalling; enzyme mediated signal transduction; G-protein mediated signal transduction; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4786	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003461	SMI1	YGR229C	regulation of C-compound and carbohydrate utilization;	0.206	15
4787	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000157	SKT5	YBL061C	regulation of C-compound and carbohydrate utilization; cell wall;	0.206	15
4788	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004172	SWI6	YLR182W	DNA synthesis and replication; DNA recombination and DNA repair; cell wall;	0.206	15
4789	S0005215	BNI1	YNL271C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	0.206	15

4790	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	0.206	15
4791	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003834	OPI3	YJR073C	lipid, fatty-acid and isoprenoid biosynthesis; assembly of protein complexes; vesicular transport ;	0.206	15
4792	S0002235	VAM6	YDL077C	proteolytic degradation; lysosomal and vacuolar degradation;	S0002351	ARF1	YDL192W		0.206	15
4793	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	0.206	15
4794	S0005215	BNI1	YNL271C	cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001445	PAN1	YIR006C	assembly of protein complexes; cellular import; other intracellular transport activities; budding, cell polarity and filament formation; cytoskeleton;	0.206	15
4795	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004322	CHS5	YLR330W	regulation of C-compound and carbohydrate utilization; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15

4796	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	0.206	15
4797	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15
4798	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000602	RVS161	YCR009C	cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4799	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0004410	CDC73	YLR418C		0.206	15
4800	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	0.206	15
4801	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0000227	CHS3	YBR023C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination; cell wall;	0.206	15
4802	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003635	CHS6	YJL099W	other intracellular transport activities;	0.206	15

4803	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003398	KRE11	YGR166W	regulation of C-compound and carbohydrate utilization; vesicular transport ;	0.206	15
4804	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	0.206	15
4805	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0005177	BNI4	YNL233W	assembly of protein complexes; budding, cell polarity and filament formation;	0.206	15
4806	S0000201	PKC1	YBL105C	stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	S0003966	FPS1	YLL043W	C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters;	0.206	15
4807	S0002235	VAM6	YDL077C	proteolytic degradation; lysosomal and vacuolar degradation;	S0004460	YPT7	YML001W	vesicular transport ; cellular import;	0.206	15
4808	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0005540	RTS1	YOR014W	stress response;	0.206	15
4809	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation;	0.206	15

4810	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4811	S0001861	RIM15	YFL033C	other transcription activities; protein modification;	S0001856	YPT1	YFL038C	vesicular transport ; lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.206	15
4812	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0001915	FAB1	YFR019W	nucleotide metabolism; metabolism of cyclic and unusual nucleotides; regulation of nucleotide metabolism;	0.206	15
4813	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	S0005441		YOL081W	budding, cell polarity and filament formation;	0.206	15
4814	S0003944	SPA2	YLL021W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001531	ELM1	YKL048C		0.206	15

4815	S0001861	RIM15	YFL033C	other transcription activities; protein modification;	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	0.206	15
4816	S0002995	CWH41	YGL027C	cell wall;	S0000282		YBR078W	meiosis; sporulation and germination; cell wall;	0.206	15
4817	S0001861	RIM15	YFL033C	other transcription activities; protein modification;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.206	15
4818	S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	S0003146		YGL178W	stress response; cellular sensing and response; chemoperception and response; pheromone response; pheromone response, mating-type determination, sex-specific proteins; cell aging;	0.206	15
4819	S0005721	SLK19	YOR195W		S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.206	15
4820	S0005721	SLK19	YOR195W		S0006130	IPL1	YPL209C		0.206	15

4821	S0005721	SLK19	YOR195W		S0000999	STE20	YHL007C	cellular sensing and response; chemoperception and response; pheromone response; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cytoskeleton;	0.206	15
4822	S0005721	SLK19	YOR195W		S0002186	MPS1	YDL028C	meiosis;	0.206	15
4823	S0005721	SLK19	YOR195W		S0007235			budding, cell polarity and filament formation;	0.206	15
4824	S0005721	SLK19	YOR195W		S0000022	LTE1	YAL024C		0.206	15
4825	S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins;	S0006130	IPL1	YPL209C		0.206	15
4826	S0001869		YFL025C	vesicular transport ;	S0001856	YPT1	YFL038C	vesicular transport ;	0.206	15
4827	S0001869		YFL025C	vesicular transport ;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.206	15
4828	S0000534	BIK1	YCL029C	pheromone response, mating-type determination, sex-specific proteins;	S0002186	MPS1	YDL028C	meiosis;	0.206	15
4829	S0005534	SLG1	YOR008C	stress response;	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	0.206	15
4830	S0005534	SLG1	YOR008C	stress response;	S0004583	VAN1	YML115C	protein modification; sporulation and germination; cell wall;	0.206	15
4831	S0005534	SLG1	YOR008C	stress response;	S0006010		YPL089C	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities;	0.206	15
4832	S0004550	TUB1	YML085C		S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	0.206	15

4833	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003391	NSR1	YGR159C	rRNA transcription; rRNA processing; stress response;	0.206	15
4834	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.206	15



								regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation;		
4835	S0005534	SLG1	YOR008C	stress response;	S0002164	PTC1	YDL006W	mitochondrion;	0.206	15
4836	S0005534	SLG1	YOR008C	stress response;	S0005540	RTS1	YOR014W	stress response;	0.206	15
4837	S0004550	TUB1	YML085C		S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton; cytoskeleton-dependent transport;	0.206	15
4838	S0004550	TUB1	YML085C		S0001171	ARP1	YHR129C	cytoskeleton-dependent transport;	0.206	15
4839	S0004550	TUB1	YML085C		S0004908	JNM1	YMR294W	transport;	0.206	15
4840	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001531	ELM1	YKL048C	budding, cell polarity and filament formation; stress response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation;	0.206	15
4841	S0002995	CWH41	YGL027C	cell wall; general transcription activities;	S0000201	PKC1	YBL105C	formation;	0.206	15
4842	S0001083	SRB2	YHR041C		S0000913	SWI4	YER111C		0.206	15

4843	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002915	GIN4	YDR507C	cytokinesis ; budding, cell polarity and filament formation;	0.206	15
4844	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4845	S0005534	SLG1	YOR008C	stress response;	S0004435	ECM7	YLR443W	cell wall;	0.206	15
4846	S0005534	SLG1	YOR008C	stress response;	S0000913	SWI4	YER111C		0.206	15
4847	S0005534	SLG1	YOR008C	stress response;	S0002822		YDR414C	protein targeting, sorting and translocation; protein modification; cell wall;	0.206	15
4848	S0002175	CDC7	YDL017W	DNA synthesis and replication; meiosis;	S0005743	RFC1	YOR217W	DNA synthesis and replication;	0.206	15
4849	S0006130	IPL1	YPL209C		S0003310	PAC10	YGR078C	protein folding and stabilization; cytoskeleton;	0.206	15

4850	S0006130	IPL1	YPL209C	S0005242	CLA4	YNL298W	cytokinesis ; cytoskeleton; cytoskeleton-dependent	0.206	15
4851	S0006130	IPL1	YPL209C	S0006076	KIP2	YPL155C	transport;	0.206	15
4852	S0006130	IPL1	YPL209C	S0002161	MCD1	YDL003W		0.206	15
4853	S0006130	IPL1	YPL209C	S0005876	CIN1	YOR349W		0.206	15
4854	S0006130	IPL1	YPL209C	S0000818	BIM1	YER016W	cell cycle checkpoints ; nucleus;	0.206	15
4855	S0006130	IPL1	YPL209C	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	0.206	15
4856	S0006130	IPL1	YPL209C	S0006162	CIN2	YPL241C		0.206	15
4857	S0006130	IPL1	YPL209C	S0000809	PAC2	YER007W		0.206	15
4858	S0006130	IPL1	YPL209C	S0000729	GIM4	YEL003W	protein folding and stabilization; cytoskeleton;	0.206	15
4859	S0006130	IPL1	YPL209C	S0005584	ASE1	YOR058C		0.206	15
4860	S0006130	IPL1	YPL209C	S0005097	GIM3	YNL153C	protein folding and stabilization; cytoskeleton;	0.206	15
4861	S0003924	DNM1	YLL001W	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4862	S0001756	NAP1	YKR048C	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	0.206	15

4863	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.206	15
4864	S0001065	MYO1	YHR023W	cytokinesis ; cytoskeleton-dependent transport; budding, cell polarity and filament formation;	S0004559	GIM5	YML094W	protein folding and stabilization; cytoskeleton;	0.206	15
4865	S0005534	SLG1	YOR008C	stress response;	S0003966	FPS1	YLL043W	C-compound, carbohydrate transport; other lipid, fatty-acid and isoprenoid metabolism activities; extracellular transport, exocytosis and secretion; cellular import; stress response; C-compound and carbohydrate transporters;	0.206	15
4866	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16

4867	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0002100	VMA10	YHR039C-B	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.159	16
4868	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0006155	VMA11	TFP3 YPL234C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.159	16
4869	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0000286	UBC4	YBR082C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; vacuolar transport; stress response; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.159	16
4870	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0000542	SRO9	YCL037C	other transcription activities; ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.159	16

4871	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0000757	SPF1	YEL031W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.159	16
4872	S0001673	CNB1	YKL190W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; cell growth / morphogenesis; pheromone response, mating-type determination, sex-specific proteins;	S0006177	CLN2	YPL256C	DNA synthesis and replication; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4873	S0002545	HPR1	YDR138W	DNA recombination and DNA repair;	S0003628	HPR5	YJL092W	DNA recombination and DNA repair; DNA repair;	0.159	16
4874	S0002545	HPR1	YDR138W	DNA recombination and DNA repair;	S0005559	DHS1 EXO1	YOR033C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair;	0.159	16
4875	S0005187	SLA2	YNL243W	nucleotide metabolism; polynucleotide degradation; assembly of protein complexes; cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005082	SRV2	YNL138W	intracellular signalling; other intracellular signal transduction activities; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.159	16
4876	S0002545	HPR1	YDR138W	DNA recombination and DNA repair;	S0001073			DNA recombination and DNA repair;	0.159	16
4877	S0002545	HPR1	YDR138W	DNA recombination and DNA repair;	S0004802	SGS1	YMR190C	DNA recombination and DNA repair; cell death;	0.159	16

								cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;		
4878	S0005136	CHS1	YNL192W	cytokinesis ; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0000039	CDC24	YAL041W		0.159	16
4879	S0002990	STT3	YGL022W	protein modification;	S0003194	OST5	YGL226C-A	protein modification;	0.159	16
4880	S0002990	STT3	YGL022W	protein modification;	S0000728	WBP1	YEL002C	protein modification;	0.159	16
4881	S0002990	STT3	YGL022W	protein modification;	S0005629	OST2	YOR103C	protein modification;	0.159	16
4882	S0002990	STT3	YGL022W	protein modification;	S0005611	OST3	YOR085W	protein modification;	0.159	16
								protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;		
4883	S0005632	VAM3	YOR106W	assembly of protein complexes; vacuolar transport;	S0005378	TLG2	YOL018C	stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.159	16
4884	S0004311	BUD6	YLR319C	budding, cell polarity and filament formation;	S0002701	SSD1	YDR293C	cell cycle checkpoints ;	0.159	16
4885	S0004659	BUB2	YMR055C	cell cycle checkpoints ;	S0003420	BUB1	YGR188C		0.159	16
								DNA recombination and DNA repair; DNA repair;		
4886	S0005559	DHS1 EXO1	YOR033C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair;	S0004022	RAD5	YLR032W	cell cycle checkpoints ;	0.159	16
4887	S0004659	BUB2	YMR055C	cell cycle checkpoints ;	S0003723				0.159	16
								protein modification; pheromone response, mating-type determination, sex-specific proteins;		
4888	S0004734			pheromone response, mating-type determination, sex-specific proteins;	S0003878	STE24	YJR117W		0.159	16

4889	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.159	16
4890	S0004885		YMR272C	lipid, fatty-acid and isoprenoid biosynthesis;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.159	16
4891	S0004490	TSA1	YML028W	detoxification;	S0003865	SOD1	YJR104C	detoxification;	0.159	16
4892	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0004224	TOP3	YLR234W	meiosis;	0.159	16
4893	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0000286	UBC4	YBR082C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; vacuolar transport; stress response; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.159	16
4894	S0003804	POL32	YJR043C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	S0001447	PR11	YIR008C	DNA synthesis and replication; meiosis;	0.159	16
4895	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0005235	MID1	YNL291C	ionic homeostasis; homeostasis of cations; homeostasis of other cations; pheromone response, mating-type determination, sex-specific proteins;	0.159	16



4896	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0003095	SOH1	YGL127C	DNA recombination and DNA repair; other transcription activities;	0.159	16
4897	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	S0005648	PFY1	YOR122C	budding, cell polarity and filament formation;	0.159	16
4898	S0001722	YPT52	YKR014C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0000286	UBC4	YBR082C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; vacuolar transport; stress response; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.159	16
4899	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4900	S0005853	MYO2	YOR326W	vesicular transport ; extracellular transport, exocytosis and secretion; cytoskeleton-dependent transport; budding, cell polarity and filament formation; vacuole or lysosome;	S0000313	CMD1	YBR109C	cellular import; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16

4901	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0002260	CDC2	YDL102W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.159	16
4902	S0001722	YPT52	YKR014C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	S0004329	VRP1	YLR337W	cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.159	16
4903	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0000763	RAD23	YEL037C	DNA recombination and DNA repair; DNA repair; cell wall;	0.159	16
4904	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0002483	RAD55	YDR076W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4905	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0004022	RAD5	YLR032W	DNA recombination and DNA repair; DNA repair;	0.159	16
4906	S0002459	DBF4	YDR052C	DNA synthesis and replication;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.159	16
4907	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0003944	SPA2	YLL021W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16

4908	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0003131	RAD54	YGL163C	DNA recombination and DNA repair; DNA repair; meiosis;	0.159	16
4909	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0006324	CLB5	YPR120C	DNA synthesis and replication; meiosis;	0.159	16
4910	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0005653			budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4911	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004851			budding, cell polarity and filament formation;	0.159	16
4912	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0005251	MCK1	YNL307C	meiosis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.159	16
4913	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0001596	RAD27	YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.159	16
4914	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0005028	END3	YNL084C	cellular import; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4915	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0003446	RPS0A	YGR214W	assembly of protein complexes; budding, cell polarity and filament formation;	0.159	16

4916	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.159	16
4917	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0004364			lipid, fatty-acid and isoprenoid biosynthesis; budding, cell polarity and filament formation;	0.159	16
4918	S0000957	BEM2	YER155C	budding, cell polarity and filament formation;	S0006323	CLB2	YPR119W	budding, cell polarity and filament formation;	0.159	16
4919	S0000821			lipid, fatty-acid and isoprenoid biosynthesis; intracellular signalling; second messenger mediated signal transduction; polyphosphoinositol mediated signal transduction;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.159	16
4920	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0003446	RPS0A	YGR214W	assembly of protein complexes; budding, cell polarity and filament formation;	0.159	16

4921	S0004363	ROM2	YLR371W	regulation of C-compound and carbohydrate utilization; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; cell wall; cytoskeleton; target of regulation; regulator of G-protein signalling;	S0004364			lipid, fatty-acid and isoprenoid biosynthesis; budding, cell polarity and filament formation;	0.159	16
4922	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000039	CDC24	YAL041W	cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins; target of regulation; regulator of G-protein signalling;	0.159	16
4923	S0000959			vesicular transport ;	S0004252	YPT6	YLR262C	vesicular transport ;	0.159	16
4924	S0002411	RAD57	YDR004W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	S0004022	RAD5	YLR032W	DNA recombination and DNA repair; DNA repair;	0.159	16

4925	S0005023		YNL079C	other intracellular transport activities; cell growth / morphogenesis; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000219	TTP1	YBR015C	cell growth / morphogenesis;	0.159	16
4926	S0006324	CLB5	YPR120C	DNA synthesis and replication; meiosis;	S0005251	MCK1	YNL307C	meiosis; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	0.159	16
4927	S0002411	RAD57	YDR004W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins; vesicular transport ;	S0006324	CLB5	YPR120C	DNA synthesis and replication; meiosis; vesicular transport ;	0.159	16
4928	S0000959				S0005596				0.159	16
4929	S0004224	TOP3	YLR234W	meiosis;	S0002411	RAD57	YDR004W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4930	S0004224	TOP3	YLR234W	meiosis;	S0003143			DNA recombination and DNA repair; meiosis;	0.159	16
4931	S0004224	TOP3	YLR234W	meiosis;	S0004837	MRE11	YMR224C	DNA recombination and DNA repair; DNA repair; meiosis; cell wall;	0.159	16
4932	S0004224	TOP3	YLR234W	meiosis;	S0002777	XRS2	YDR369C	DNA recombination and DNA repair; DNA repair; meiosis;	0.159	16
4933	S0004224	TOP3	YLR234W	meiosis;	S0000682	CSM1	YCR086W	meiosis; sporulation and germination;	0.159	16
4934	S0004224	TOP3	YLR234W	meiosis;	S0005895	RAD17	YOR368W	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; meiosis;	0.159	16

4935	S0005046	POL1	YNL102W	DNA synthesis and replication;	S0006339	CTF4	YPR135W	DNA synthesis and replication;	0.159	16
4936	S0005046	POL1	YNL102W	DNA synthesis and replication;	S0002459	DBF4	YDR052C	DNA synthesis and replication;	0.159	16
4937	S0004224	TOP3	YLR234W	meiosis;	S0002483	RAD55	YDR076W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4938	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	S0002822		YDR414C	protein targeting, sorting and translocation; protein modification; cell wall;	0.159	16
4939	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0005552	BUB3	YOR026W	cell cycle checkpoints ;	0.159	16
4940	S0000951	PEA2	YER149C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4941	S0005046	POL1	YNL102W	DNA synthesis and replication;	S0001596	RAD27	YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.159	16
4942	S0004224	TOP3	YLR234W	meiosis;	S0003131	RAD54	YGL163C	DNA recombination and DNA repair; DNA repair; meiosis;	0.159	16
4943	S0004224	TOP3	YLR234W	meiosis;	S0006324	CLB5	YPR120C	DNA synthesis and replication; meiosis;	0.159	16
4944	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0005895	RAD17	YOR368W	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; meiosis;	0.159	16
4945	S0005046	POL1	YNL102W	DNA synthesis and replication;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.159	16

4946	S0001448			mRNA processing ; splicing; assembly of protein complexes;	S0000673	PAT1	YCR077C	DNA synthesis and replication; DNA recombination and DNA repair; mRNA processing ;	0.159	16
4947	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	S0000478	CHK1	YBR274W	cell cycle checkpoints ;	0.159	16
4948	S0000951	PEA2	YER149C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0005653			budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4949	S0000951	PEA2	YER149C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002536	SAC6	YDR129C	extracellular transport, exocytosis and secretion; cellular import; budding, cell polarity and filament formation;	0.159	16
4950	S0001448			mRNA processing ; splicing; assembly of protein complexes;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.159	16
4951	S0004279	MEC3	YLR288C	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; cell wall;	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	0.159	16
4952	S0004279	MEC3	YLR288C	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; cell wall;	S0005552	BUB3	YOR026W	cell cycle checkpoints ; DNA recombination and DNA repair; DNA repair;	0.159	16
4953	S0000682	CSM1	YCR086W	meiosis; sporulation and germination;	S0003131	RAD54	YGL163C	meiosis;	0.159	16
4954	S0000682	CSM1	YCR086W	meiosis; sporulation and germination;	S0006324	CLB5	YPR120C	DNA synthesis and replication; meiosis;	0.159	16



4955	S0000261			meiosis; sporulation and germination;	S0000897	RAD51	YER095W	DNA recombination and DNA repair; DNA repair; meiosis; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4956	S0000261			meiosis; sporulation and germination;	S0004224	TOP3	YLR234W	meiosis;	0.159	16
4957	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4958	S0004279	MEC3	YLR288C	DNA recombination and DNA repair; DNA repair; cell cycle checkpoints ; cell wall;	S0004022	RAD5	YLR032W	DNA recombination and DNA repair; DNA repair;	0.159	16
4959	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0002701	SSD1	YDR293C	stress response; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.159	16
4960	S0005289	VPS27	YNR006W	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport;	S0004563			protein targeting, sorting and translocation; vesicular transport ; vacuolar transport;	0.159	16

4961	S0000399	MSI1	YBR195C	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; nucleus; organization of chromosome structure; target of regulation; regulator of G-protein signalling; meiosis; sporulation and germination;	S0003766	HYS2 HUS2	YJR006W	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair; DNA synthesis and replication; meiosis;	0.159	16
4962	S0000261				S0006324	CLB5	YPR120C		0.159	16
4963	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0000916	BOI2	YER114C	budding, cell polarity and filament formation;	0.159	16
4964	S0000399	MSI1	YBR195C	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; nucleus; organization of chromosome structure; target of regulation; regulator of G-protein signalling;	S0000292	POL30	YBR088C	DNA synthesis and replication; DNA recombination and DNA repair;	0.159	16

4965	S0000399	MSI1	YBR195C	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; nucleus; organization of chromosome structure; target of regulation; regulator of G-protein signalling;	S0000482	DPB3	YBR278W	DNA synthesis and replication;	0.159	16
4966	S0000399	MSI1	YBR195C	DNA synthesis and replication; DNA restriction or modification; chromatin modification; assembly of protein complexes; cellular sensing and response; chemoperception and response; perception of nutrients and nutritional adaptation; nucleus; organization of chromosome structure; target of regulation; regulator of G-protein signalling;	S0006324	CLB5	YPR120C	DNA synthesis and replication; meiosis; assembly of protein complexes; vesicular transport ;	0.159	16
4967	S0004160	APS1	YLR170C	assembly of protein complexes; cellular import;	S0002351	ARF1	YDL192W		0.159	16

4968	S0000286	UBC4	YBR082C	protein modification; proteolytic degradation; cytoplasmic and nuclear degradation; vacuolar transport; stress response; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0001243	RPN10	YHR200W	proteolytic degradation; cytoplasmic and nuclear degradation;	0.159	16
4969	S0006161			metabolism of energy reserves ; meiosis; stress response; pheromone response, mating-type determination, sex-specific proteins; sporulation and germination;	S0004798	HSC82	YMR186W	stress response;	0.159	16
4970	S0004757	SWP1	YMR149W	protein modification;	S0002990	STT3	YGL022W	protein modification;	0.159	16
4971	S0003550	MAD3	YJL013C	cell cycle checkpoints ;	S0003420	BUB1	YGR188C	cell cycle checkpoints ;	0.159	16
4972	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0003446	RPS0A	YGR214W	assembly of protein complexes; budding, cell polarity and filament formation;	0.159	16
4973	S0004757	SWP1	YMR149W	mitochondrion; protein modification;	S0003194	OST5	YGL226C-A	protein modification; rRNA transcription; rRNA synthesis;	0.159	16
4974	S0005192	RPA49	YNL248C	rRNA transcription; rRNA synthesis;	S0003684		YJL148W	synthesis;	0.159	16
4975	S0004757	SWP1	YMR149W	protein modification;	S0005611	OST3	YOR085W	protein modification;	0.159	16

4976	S0000979			cell cycle checkpoints ; intracellular signalling; unspecified signal transduction; cell growth / morphogenesis;	S0000821			lipid, fatty-acid and isoprenoid biosynthesis; intracellular signalling; second messenger mediated signal transduction; polyphosphoinositol mediated signal transduction;	0.159	16
4977	S0002164	PTC1	YDL006W	regulation of C-compound and carbohydrate utilization; stress response; cellular sensing and response; chemoperception and response; osmosensing; cell growth / morphogenesis; budding, cell polarity and filament formation; mitochondrion;	S0000219	TTP1	YBR015C	cell growth / morphogenesis;	0.159	16
4978	S0003878	STE24	YJR117W	protein modification; pheromone response, mating-type determination, sex-specific proteins;	S0005653			budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4979	S0000757	SPF1	YEL031W	ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	S0004439	VMA6	YLR447C	assembly of protein complexes; vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.159	16

				ionic homeostasis; homeostasis of cations; homeostasis of other cations; ion transporters; cation transporters; other cation transporters ; transport mechanism;						
4980	S0000757	SPF1	YEL031W	transport ATPases;	S0000640	COS16	YCR044C	ionic homeostasis; homeostasis of cations; homeostasis of metal ions ;	0.159	16
4981	S0004022	RAD5	YLR032W	DNA recombination and DNA repair; DNA repair;	S0003055		YGL087C	DNA recombination and DNA repair; DNA repair;	0.159	16
4982	S0004022	RAD5	YLR032W	DNA recombination and DNA repair; DNA repair;	S0003131	RAD54	YGL163C	DNA recombination and DNA repair; DNA repair; meiosis;	0.159	16
4983	S0004022	RAD5	YLR032W	DNA recombination and DNA repair; DNA repair;	S0003141	KEM1	YGL173C	nucleotide metabolism; polynucleotide degradation; DNA recombination and DNA repair; rRNA transcription; rRNA processing; mRNA processing ;	0.159	16
4984	S0005378	TLG2	YOL018C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;	S0000753	CUP5	YEL027W	vacuolar transport; detoxification; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.159	16
4985	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003446	RPS0A	YGR214W	assembly of protein complexes; budding, cell polarity and filament formation;	0.159	16

4986	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0001149	CDC12	YHR107C	regulation of C-compound and carbohydrate utilization; cytokinesis ; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4987	S0000404	BEM1	YBR200W	cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	S0003449			ionic homeostasis; homeostasis of cations; homeostasis of other cations; pheromone response, mating-type determination, sex-specific proteins; channel / pore class transporters; ion channels;	0.159	16
4988	S0000364	CDC28	YBR160W	DNA synthesis and replication; cell growth / morphogenesis; budding, cell polarity and filament formation;	S0001596	RAD27	YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.159	16
4989	S0005378	TLG2	YOL018C	protein targeting, sorting and translocation; vesicular transport ; vacuolar transport; cellular import; vacuole or lysosome;	S0000777	VMA8	YEL051W	vacuolar transport; ionic homeostasis; homeostasis of cations; homeostasis of protons; ion transporters; cation transporters; other cation transporters ; transport mechanism; transport ATPases;	0.159	16
4990	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0000375	SEC66	YBR171W	protein targeting, sorting and translocation; other intracellular transport activities; other transport facilitators;	0.159	16

4991	S0003793	CPR7	YJR032W	protein folding and stabilization; cell growth / morphogenesis;	S0006082	BEM4	YPL161C	regulation of C-compound and carbohydrate utilization; cellular sensing and response; chemoperception and response; pheromone response; cell growth / morphogenesis; directional cell growth ; other morphogenetic activities; budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4992	S0003793	CPR7	YJR032W	protein folding and stabilization; cell growth / morphogenesis;	S0000979			cell cycle checkpoints ; intracellular signalling; unspecified signal transduction; cell growth / morphogenesis;	0.159	16
4993	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0001490	CAP1	YKL007W	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4994	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0001296	CAP2	YIL034C	budding, cell polarity and filament formation; pheromone response, mating-type determination, sex-specific proteins;	0.159	16
4995	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0005615	VPS21	YOR089C	protein targeting, sorting and translocation; vacuolar transport; cellular import;	0.159	16
4996	S0001447	PRI1	YIR008C	DNA synthesis and replication; meiosis;	S0001596	RAD27	YKL113C	DNA synthesis and replication; DNA recombination and DNA repair; DNA repair;	0.159	16



4997	S0000763	RAD23	YEL037C	DNA recombination and DNA repair; DNA repair; cell wall;	S0004022	RAD5	YLR032W	DNA recombination and DNA repair; DNA repair;	0.159	16
4998	S0004664		YMR060C	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; mitochondrial transport; other transport facilitators;	S0001915	FAB1	YFR019W	lipid, fatty-acid and isoprenoid biosynthesis; protein targeting, sorting and translocation; vacuolar transport; vacuole or lysosome;	0.159	16
4999	S0001855	ACT1	YFL039C	cellular import; budding, cell polarity and filament formation;	S0002187	ARP2	YDL029W	cytokinesis ; cellular import; cell growth / morphogenesis; budding, cell polarity and filament formation;	0.159	16
5000	S0001447	PRI1	YIR008C	DNA synthesis and replication; meiosis;	S0004093	CDC45	YLR103C	DNA synthesis and replication;	0.159	16