

Proteins	Rejected	
	Yeast	Human
1	Ade8	GART
2	Akr2	ZDHC17
3	Bcd1	C1orf181
4	Bdp1	BTF3
5	Btt1	BTF3
6	Cbp3	C20orf44
7	Cox19	COX19
8	Cup9	PKNOX2
9	Ecm5	JARD1C
10	Erg28	C14orf1
11	Erp1	TMED9
12	Erp6	TMED9
13	Far10	SLMAP
14	Fim1	MTFMT
15	Fps1	AQP9
16	Gim4	PFND2
17	Gtb1	PRKCSH
18	Ist1	AC009127
19	Kap114	IPO9
20	Lsb6	PI4K2B
21	Maf1	MAF1
22	Mkc7	PGC
23	Mog1	RANGRF
24	Ngf3	PDE12
25	Nic96	NUP93
26	Nip100	AL163953
27	Np4	NPLOCA
28	Nup116	NUP98
29	Nup2	RANBP2
30	Pac1	PAFAH1B1
31	Pac2	TBCE
32	Pam18	DNAJC
33	Pho81	ANK2
34	Pol4	POLL
35	Pop4	POP4
36	Por1	VDAC3
37	Por2	VDCA1
38	Psf1	RP4-691N24
39	PSK1	TSK6
40	Ptp2	PTPC
41	Rce1	RCE1
42	Rna1	RANGAP1
43	Rpb4	POLR2D
44	Rpn4	PAAF1
45	Rpp1	RP11-320F15
46	Rps28a	RPS28
47	Rps28b	RPS28
48	Rrp1	KIAA179
49	Rtt103	C20orf77
50	Sap185	SAPS1
51	Ser2	PSPH
52	Sfl1	HSF4
53	Shy1	SURF1
54	Sip2	PRKAB2
55	Skf3	KIAA0372
56	Snf4	PRKAG2
57	Snf5	SMARCB1
58	Srp40	NOLC1
59	Tan1	THUMP1D
60	Tfb1	GTF2H1
61	Tfc4	GTF3C3
62	Tfc6	TFK1
63	Tis23	TRAPP4C
64	Ydl114w	DHR58
65	Ydr333c	TCF25
66	Yer066w	FBXW7
67	Yer152c	AADAT
68	Ygr021w	CCDC45
69	Ygr109w-b	RTL1
70	Yhi9	PBLD
71	Yhm2	SLC25A21
72	Yil062w-a	RTL1
73	Ylr072w	GRAMD1A
74	Ymd8	SLC35C2
75	Ymr178w	FLAD1
76	Ymr291w	DCLK3
77	Ynl181w	RDH14
78	Yps1	PGA5
79	Zim17	C3orf151

Kept	
Yeast	Human
Ace2	KLF16
Ade13	ADSL
Aim10	PARS2
Aim17	TMLHE
Aim22	LPT1
Aim29	C2orf76
Air2	ZCCHC7
Ams1	MAN2C1
Apr2	APEX2
Arg82	IHPK1
Aro8	AADAT
Aro9	AADAT
Atg2	C14orf103
Ath1	ATHL1
Alp11	ATPAF1
Avf9	KJAA0241
Bar1	PGC
Bef5	TRAPP1
Bna1	HAAO
Bna2	INDOL1
Bna4	KMO
Bna5	KYNLU
Bro1	PDCD6IP
Bts1	GGPS1
Bub1	BUB1
Bud20	ZNF593
Bzz1	FNBP1L
Cat2	CRAT
Cat5	GGQ7
Cch1	NALCN
Cdc10	40057
Cdc11	38596
Cdc12	39326
Cdc14	CDC14A
Cdc3	39326
Cdd1	CDA
Cg121	AC074008
Csm12	PCID2
Csh1	SBS1
Cox6	COX5A
Cps1	PM20D1
Csf1	KJAA1109
Cwh43	AC020593
Cyc3	HCCS
Cyt2	HCCS
Dan4	C14orf1
Dat2	ALLC
Dec1	AC007562
Dot1	DOT1L
Dug1	CNDP2
Dug2	CNDP1
Dyn1	DYNC1H1
Ecl1	CDYL
Ecm14	SRPA
Egk2	NAGA
Elm1	CAMKK1
Emc4	TMEM85
Emi5	C11orf79
Ena2	TMED9
End3	EPS15
Ent4	EPN1
Epl1	EPC2
Erg2	OPRS1
Erg7	HSD17B7
Ero1	MTFMT
Erp4	TMED5
Erz29	SURF4
Far11	FAM40A
Fat1	SLC27A2
Fau1	MTFHS
Fip1	FIP1L1
Fkh1	FOXJ1
Fkh2	FOXK2
Fmp30	NAPEPLD
Fmp42	SLC43A3
Fsf1	SFXN5
Fzf1	KLF11
Gal7	GALTL
Gal1	GATA4
Gal4	C7orf80
Gga2	GGA3
Gip2	PPP1R3C
Glg2	GYG2
Gln1	GORASP1
Gsh1	GCLC
Gsy1	GSY1
Gsy2	GSY1
Gzf9	GATA6
Hcm1	FOXL2
Hem14	PPOX
Hgh1	C8orf30B
Hse1	STAM2
Iml1	DEPDC5
Igg1	IQGAP3
Isc1	SMIPD2
Isd11	LYRM4
Isc1	HSCB
Jhd1	FBXL11
Kcs1	IHPK3
Kex2	PCSK7
Laa1	HEATR5A
Lap3	BLMH
Lrg1	ARHHP6
Lsb1	SHSD19
Lsm12	LSM12
Mch3	SLC16A12
Mch4	SLC16A3
Mch5	SLC16A12
Mcm1	SRF
Meu1	MTAP
Mia40	GHRH94
Mip1	POLG
Mim2	FTSJ2
Mips5	MRPS5
Msl1	SNRPA
Mup1	SLC7A9
Mvp1	SNX8
Nas2	PSMD9
Nop13	HNRPD
Npr2	TUSC4
Npl1	PNPLA7
Nuc1	ENDOG
Nup157	NUP155

Proteins		Kept	
	Yeast	Human	
124	Nup84	NUP107	
125	Nus1	NUS1	
126	Oar1	POLL	
127	Opb3	PEMT	
128	Orc4	ORC4L	
129	Ora3	MAGT1	
130	Pan3	PAN3	
131	Pbp2	PCBP3	
132	Pcp1	PARL	
133	Pdc2	TIGD4	
134	Pde2	PDE4B	
135	Pef1	PDCD6	
136	Pep1	SORCS2	
137	Pep12	STX12	
138	Pex13	PEX13	
139	Pgs1	PGS1	
140	Pho8	ALPPL2	
141	Pig2	PPP1R3C	
142	Pin3	GRB2	
143	Pmt2	POMT2	
144	Pmt3	POMT2	
145	Pmt4	POMT2	
146	Pmt6	POMT2	
147	Pnp1	NP	
148	Ppx1	PRUNE	
149	Prb1	PCSK9	
150	Pxl1	LHX8	
151	Pxr1	AC105001	
152	Qcr7	UOCRB	
153	Rad14	XPR	
154	Rga1	ARHGAP23	
155	Rnd1	RMND1	
156	Rmd8	RMND1	
157	Rpc34	POLR3F	
158	Rpl22a	RPL22L1	
159	Rpl22b	RPL22L1	
160	Rrp42	EXOSC7	
161	Rrp46	EXOSC5	
162	Rsk1	IRS4	
163	Rsc1	PBRM1	
164	Rsc2	PBRM1	
165	Rtc1	WDR24	
166	Rvs161	BIN3	
167	Sam50	SAMM50	
168	Sap190	SAPS1	
169	Scp1	TAGLN3	
170	Sep160	HDLBP2	
171	Sdp1	DUSP14	
172	Sec15	EXOC6	
173	Sec2	SEC2	
174	Sen34	TSEN34	
175	Set7	SETD6	
176	Shy1	39698	
177	Smp3	PIG2	
178	Snf1	NCOR1	
179	Snx3	SNX3	
180	Sok1	TCP1L2	
181	Spr28	39326	
182	Spr3	39326	
183	Spt3	SUPT3H	
184	Sro7	STXBPL1	
185	Srx1	SRXN1	
186	Ssc1	NCOR1	
187	Sub1	SUB1	
188	Svp26	TEX261	
189	Swc5	DHR57B	
190	Swi5	KLF1	
191	Tdp1	TDP1	
192	Tes1	ACOT8	
193	Tfb3	MNAT1	
194	Tih2	HHR23	
195	Tid3	KNTC2	
196	Tim13	TMM13	
197	Toa1	GTF2A1	
198	Tom70	TOMM70A	
199	Tpa1	OGFOD1	
200	Trm44	C4orf23	
201	Tsc10	FY11	
202	Tsc1	AC026713	
203	Twf1	AC097637	
204	Ubr1	UBR2	
205	Ubx3	FAF2	
206	Ups1	PRELID1	
207	Vam6	VPS39	
208	Vid24	C17orf39	
209	Vid30	RANBP10	
210	Vps1	FLAD1	
211	Vps27	HRS	
212	vps50	CHMP5	
213	Vps74	GOLPH3L	
214	Vps8	VPS8	
215	Vth1	SORT1	
216	Vth2	SORT1	
217	Yat1	CPT2	
218	Yar2	GRF7	
219	Ybl104c	AC004982	
220	Ybr220c	SLC33A1	
221	Ydl114w	DHR58	
222	Ydl177c	IMPACT	
223	Ydr282c	RMND1	
224	Ydr307w	POMT2	
225	Yea4	SLC35B4	
226	Yer134c	MDP-1	
227	Yfr019c	QPCT	
228	Ygr015c	ABHD11	
229	Ygr031w	ABHD11	
230	Yhr033w	ALDH18A1	
231	Yim1	RTN4IP1	
232	Ylr422w	DOCK3	
233	Ymr027w	RP11-108N8	
234	Ymr034c	TIGD3	
235	Ymr165w	TMCO7	
236	Ymr253c	TMEM20	
237	Ymr259c	THADA	
238	Ynl040w	AARSD1	
239	Ynr065c	SORL1	
240	Yol114c	ICT1	
241	Yor093c	DIP2B	
242	Ypl162c	MUSTN1	
243	Ypl225w	Cxor26	
244	Ypl264c	TMEM20	
245	Yps3	PCSK9	

- metabolism
- trafficking
- cytokinesis
- trafficking+ metabolism
- trafficking+ cytokinesis
- metabolism+ cytokinesis
- all three
- others
- unknown