

Supplementary Table 2. Protein half-lives and abundance of chaperones

For identified chaperone proteins the intensity is a direct indicator of their abundance. The 'intensity' in the third column represents the summarized peptide ¹⁴N mono-isotopic peak intensities. For each detected protein, the corresponding K, the R2 standard deviation and protein half-lives are given. Note that for proteins with a half-life of > 20 h the values are less reliable, since the degradation rates are approaching the dilution rate.

protein name	accession	intensity	K (h ⁻¹)	R ²	protein half-life (h)
Chaperonin containing TCP-1					
Tcp1p	YDR212W	9.23E+09	0.172	0.95	9.8
Cct2p	YIL142W	8.09E+09	0.164	0.79	11
Cct8p	YJL008C	3.97E+09	0.147	0.74	15
Cct4p	YDL143W	6.09E+09	0.146	0.84	15.5
Cct7p	YJL111W	3.83E+09	0.139	0.73	18.3
Cct3p	YJL014W	4.54E+09	0.137	0.93	19.3
HSP90 protein family					
Sgt1p	YOR057W	5.51E+08	1.194	0.7	0.6
Cdc37p	YDR168W	4.15E+09	0.175	0.86	9.4
Sti1p	YOR027W	2.19E+10	0.153	0.92	13.3
Aha1p	YDR214W	5.54E+09	0.135	0.81	20
Hsp82p	YPL240C	2.27E+10	0.134	0.84	>20
Hsc82p	YMR186W	4.00E+10	0.111	0.8	>20
Cyclophilins					
Cpr3p	YML078W	2.96E+09	0.172	0.68	9.8
Cpr1p	YDR155C	2.80E+10	0.104	0.69	>20
HSP70 protein family					
Ssa3p	YBL075C	1.44E+09	0.198	0.87	7.2
Ssa1p	YAL005C	6.43E+11	0.189	0.95	7.9
Hsp104	YLL026W	2.43E+11	0.177	0.9	9.2
Hsp78p	YDR258C	1.86E+10	0.167	0.81	10.6
Ecm10p	YEL030W	8.99E+08	0.165	0.75	10.9
Ssa2p	YLL024C	3.94E+10	0.161	0.67	11.5
Ssc1p	YJR045C	1.49E+11	0.156	0.85	12.7
Ydj1p	YNL064C	2.44E+09	0.146	0.86	15.5
Zuo1p	YGR285C	1.41E+10	0.132	0.81	>20
Sse1p	YPL106C	3.66E+10	0.129	0.82	>20
Sse2p	YBR169C	1.26E+09	0.122	0.92	>20
HSP60 protein family					
Hsp10p	YOR020C	1.89E+10	0.182	0.79	8.5

Hsp60p	YLR259C	1.01E+11	0.134	0.9	>20
Other chaperones					
Hsp26p	YBR072W	1.96E+10	0.23	0.78	5.4
Hsp42p	YDR171W	1.26E+09	0.221	0.81	5.8
Pdi1p	YCL043C	2.48E+10	0.156	0.75	12.7
Kar2p	YJL034W	1.75E+10	0.119	0.65	>20