



A guide to ProteomeDiscoverer (1.4)/Mascot (2.4) based LC-MS/MS data analysis (Excel format).

This report format presents qualitative and quantitative details of matched proteins and peptides

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
	Accession	Description	ΣCoverage	Σ# Proteins	Σ# Unique Peptides	Σ# Peptides	Σ# PSMs	Molecular Function	Cellular Component	Biological Process	Pfam IDs	Gene IDs	A5: Area	B5: Area	Score A15	Coverage A15	# Peptides A15	# PSM A15	Score B15	Coverage B15	# Peptides B15	# PSM B15	# AAs	MW [kDa]	calc. pI
2	A2AMW0	Capping protein (Actin filament) muscl	52.69	7	11	11	15	protein binding; membrane igical process			PF01115	12345	7.6E+07	1.4E+08	95.6	15.8	4	4	217.2	49.6	10	11	260	29.3	6.9
15	A2A547	Ribosomal protein L19 OS=Mus muscl	25.77	3	6	6	11	; RNA binding; membrane ibolic process			PF01280	19921	1.4E+08	2.0E+08	150.8	21.1	5	5	87.5	22.7	4	6	194	23.2	11.5
23	Q80SW1	Putative adenosylhomocysteinase 2 C	20.94	8	5	10	13	protein binding; membrane se to stimulus			PF00670	150700	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7	530	58.9	6.9
35	Q78ZM0	Sorting nexin 3 OS=Mus musculus GN	57.41	4	7	9	19	protein binding; membrane igical process			PF00700	150700	1.0E+08	1.7E+08	197.0	57.4	9	11	105.2	51.9	8	8	162	18.8	8.7
46	Q61411	GT	3.49	5	2	9	15	porter activity; mbrane; Golgi nd biogenesis			PF00000	115101	2.1E+08	83.1	40.2	5	6	203.6	56.6	8	9	189	21.3	5.3	
57	Q9D6F9	Tu	5.18	1	3	21	60	plecule activity; membrane nd biogenesis			PF00091	122153	8.1E+08	1.7E+09	507.5	44.8	18	28	750.8	45.1	16	32	444	49.6	4.9
86	P99024	Tu	2.16	2	5	26	79	protein binding; membrane nd biogenesis			PF00091	122154	1.5E+09	1.7E+09	787.3	51.8	23	41	872.5	55.4	19	38	444	49.6	4.9
124	Q62159	Rho-rel-binding protein RhoC	46.11	2	2	9	15	protein binding; membrane nd biogenesis			PF00000	115101	7.1E+08	83.1	40.2	5	6	203.6	56.6	8	9	189	21.3	5.3	
135	CON_0000	SWISS-PROT:P13647 Tax_Id=9606 G	18.98	25	6	15	22						8	2.0E+07	358.2	19.0	15	20	68.2	3.4	2	2	5	62.3	7.7
152	CON_0070	(Bos taurus) Gene_Symbol=YWHAQ 1	57.96	2	1	12	21						8	8.1E+08	272.3	38.0	8	11	244.9	45.3	9	10			
167	Q6ZWW3	60S ribosomal protein L10 OS=Mus mu	56.54	4	14	14	23	; RNA binding; membrane nd biogenesis					8	8.3E+08	119.0	23.4	5	6	217.6	55.6	13	17			
183	Q6ZWN5	40S ribosomal protein S9 OS=Mus mu	46.39	6	17	17	24	ulator activity; membrane nd biogenesis					8	3.6E+08	98.3	38.7	11	11	158.8	37.1	12	13			
202	P51150	Ras-related protein Rab-7a OS=Mus r	80.68	1	19	19	1	binding; membrane nd biogenesis			PF00025	115101	1.9E+09	7.6E+08	397.4	62.8	10	13	16				207	23.5	6.7
206	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
207	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
208	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
209	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
210	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
211	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
212	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
213	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
214	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
215	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
216	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
217	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
218	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
219	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
220	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
221	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
222	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
223	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
224	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
225	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
226	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
227	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
228	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
229	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
230	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
231	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
232	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
233	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
234	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
235	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
236	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
237	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
238	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
239	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			
240	Q01853	Transitional endoplasmic reticulum ATF	30.65	7	17	17	1	activity; rane; cytosol nd biogenesis			PF00004	122153	1.0E+08	1.7E+08	124.2	9.8	5	6	141.7	12.6	6	7			