

Table 1S. Differential proteins identified by shogun analysis in WT experiment: proteins details

Accession	Protein Name	Score	Protein avgMass	Matched Peptides	Seq. Cover(%)
P0CG48	Polyubiquitin-C	1000.29	77028	13	18.98
P08107	Heat shock 70 kDa protein 1A/1B	2548.45	70052	37	58.19
P17066	Heat shock 70 kDa protein 6	1085.71	71028	13	24.42
P34931	Heat shock 70 kDa protein 1-like	1132.96	70375	15	36.51
P50914	60S ribosomal protein L14	244.22	23431	6	26.51
Q92841	Probable ATP-dependent RNA helicase DDX17	432.12	72371	17	24.46
P60842	Eukaryotic initiation factor 4A-I	573.21	46154	14	36.45
P08729	Keratin	382.57	51404	13	27.72
P17844	Probable ATP-dependent RNA helicase DDX5	391.96	69148	10	17.1
P61978	Heterogeneous nuclear ribonucleoprotein K	374.52	50976	11	30.02
P25398	40S ribosomal protein S12	145.68	14515	4	34.09
P46781	40S ribosomal protein S9	204.2	22591	4	18.04
P62269	40S ribosomal protein S18	187.35	17718	7	34.87
P09923	Intestinal-type alkaline phosphatase	368.98	56812	18	39.02
Q14240	Eukaryotic initiation factor 4A-II	385.24	46402	13	27.52
P19338	Nucleolin	237.52	76614	12	20.99
P32119	Peroxiredoxin-2	123.92	21891	4	24.75
P0CG39	POTE ankyrin domain family member J	600.11	117390	5	4.34
A5A3E0	POTE ankyrin domain family member F	876.37	121445	11	14.98
Q05639	Elongation factor 1-alpha 2	737.74	50470	11	20.3
P04075	Fructose-bisphosphate aldolase A	640.35	39420	18	61.81
P27348	14-3-3 protein theta	276.87	27764	6	19.18
P61981	14-3-3 protein gamma	247.94	28302	4	22.67
Q06830	Peroxiredoxin-1	578.53	22110	16	76.88
P26641	Elongation factor 1-gamma	456.89	50118	11	24.49
Q04917	14-3-3 protein eta	261.8	28218	8	33.74
P68104	Elongation factor 1-alpha 1	1333.68	50140	21	48.48
Q5VTE0	Putative elongation factor 1-alpha-like 3	1338.84	50185	24	40.91
P61247	40S ribosomal protein S3a	272.81	29945	7	21.97
P31947	14-3-3 protein sigma	241.99	27774	3	11.69
P14618	Pyruvate kinase isozymes M1/M2	961.27	57937	30	59.32
P23396	40S ribosomal protein S3	230.33	26688	11	53.5
P62258	14-3-3 protein epsilon	281.05	29173	11	30.59
P07195	L-lactate dehydrogenase B chain	603.47	36638	20	45.51

P30041	Peroxiredoxin-6	372.92	25035	12	50.45
P05388	60S acidic ribosomal protein P0	220.42	34273	8	36.28
P62826	GTP-binding nuclear protein Ran	363.4	24423	10	43.98
P68366	Tubulin alpha-4A chain	684.2	49924	16	44.2
Q9H4B7	Tubulin beta-1 chain	370.46	50327	7	17.07
P62277	40S ribosomal protein S13	319.93	17222	10	42.38
O43707	Alpha-actinin-4	605.77	104854	22	31.06
P13639	Elongation factor 2	1511.06	95338	40	50.12
P06733	Alpha-enolase	1130.42	47169	24	60.37
P00338	L-lactate dehydrogenase A chain	639.13	36688	25	65.06
P63104	14-3-3 protein zeta/delta	282.6	27745	6	29.8
P08865	40S ribosomal protein SA	231.75	32854	10	32.88
P62937	Peptidyl-prolyl cis-trans isomerase A	334.18	18012	13	73.33
P37802	Transgelin-2	264.15	22391	9	58.29
P29401	Transketolase	646.79	67877	19	34.51
P00558	Phosphoglycerate kinase 1	598.16	44614	17	51.56
P04406	Glyceraldehyde-3-phosphate dehydrogenase	1155.01	36053	14	42.69
P12814	Alpha-actinin-1	555.11	103057	12	18.61
P23528	Cofilin-1	231.84	18502	10	62.65
Q9BUF5	Tubulin beta-6 chain	512.79	49857	5	14.57
P60174	Triosephosphate isomerase	458.65	26669	13	52.61
P07437	Tubulin beta chain	1185.08	49670	22	61.94
P00966	Argininosuccinate synthase	300.61	46530	14	43.93
Q16719	Kynureninase	276.31	52351	10	21.08
P10599	Thioredoxin	239.87	11737	5	29.52
P07197	Neurofilament medium polypeptide	534.22	102472	13	13.86
P09601	Heme oxygenase 1	222.68	32818	7	33.68
O00410	Importin-5	441.06	123630	18	22.33
P13804	Electron transfer flavoprotein subunit alpha	158.58	35079	8	31.83
P62158	Calmodulin	218.23	16837	3	31.54
P30086	Phosphatidylethanolamine-binding protein 1	206.94	21056	8	47.59
P08708	40S ribosomal protein S17	135.99	15550	7	55.56