Table S1: Results of Jurkat exosome proteomic analysis

No	Accession No	Protein Name	MW (Da)	Uniq Pept	Coverage (%)	Expectation Value	Protein family
1	Q86UX7	Fermitin family homolog 3	75954	1	1.3	0.00034	Cell adhesion
2	P02751	Fibronectin 1	262609	4	2.2	0.0000013	
3	P13612	Integrin, alpha 4	115334	1	1.8	0.0063	
4	Q08431	Lactadherin precursor	43123	1	2.8	0.00051	
5	P08195	Lymphocyte activation antigen 4F2 large subunit	57945	1	2.5	0.000076	
6	Q9HBI0	Parvin, gamma	37486	1	5.4	0.000089	
7	Q14517	Protocadherin Fat 1 precursor	506282	1	0.3	0.000041	
8	Q13308	PTK7 protein tyrosine kinase 7	118393	2	2.4	0.00000023	
9	P07996	Thrombospondin 1	129384	12	9.2	0.0000036	
10	O15143	Actin related protein 2/3 complex, subunit 1B	40950	1	4.8	0.0000027	Cell structure and motility
11	O15144	Actin related protein 2/3 complex, subunit 2	34333	5	19.3	0.0000032	
12	P60709	Actin, beta	41737	21	55.5	7.2E-09	
13	Q9BYX7	Actin, beta-like 3	42017	4	12.5	0.0000013	
14	P42025	Actin-related protein 1 homolog B	42294	1	4	0.00000006	
15	P04083	Annexin 1	38715	1	6.9	0.000058	
16	P42025	Beta-centractin	42294	1	4	0.00000006	
17	P31146	Coronin-1A	51027	14	20.6	0.00000014	
18	Q14204	Cytoplasmic dynein 1 heavy chain 1	532412	17	4.1	0.000000047	
19	Q99426	Cytoskeleton associated protein 1	27326	7	40.2	0.0000016	
20	P15311	Ezrin	69413	2	4.8	0.00053	
21	P52907	F-actin capping protein alpha-1 subunit	32923	4	21	0.0000045	
22	P47755	F-actin capping protein alpha-2 subunit	32949	3	15	0.000084	
23	P47756	F-actin capping protein beta subunit	31351	3	13.7	0.0003	
24	P21333	Filamin-A	280741	9	5	0.00000019	
25	P06396	Gelsolin	85698	11	12	0.00000061	
26	P26038	Moesin	67821	2	3.1	0.00063	
27	P35580	Myosin-10	228941	2	1.1	0.000064	
28	P35579	Myosin-9	226534	7	4	0.000011	
29	Q71U36	Tubulin alpha 1a, alpha 1b	50136	11	34.8	8.8E-09	
30	Q13748	Tubulin alpha 3c/d, alpha 3e	49960	9	29.6	8.8E-09	
31	P07437	Tubulin beta	49671	13	28.2	0.00000091	
32	P68371	Tubulin beta 2C	49832	14	31.5	0.0000039	
33	P04350	Tubulin beta 4	49586	5	12.6	0.000005	
34	Q99867	Tubulin beta polypeptide 4, member Q	48435	4	7.8	0.0000057	
35	P68366	Tubulin, alpha 4a	49925	12	37.9	0.00000015	
36	P08670	Vimentin	53652	2	4.9	0.000065	
37	P11142	Heat shock 70kDa protein 8	70899	20	33.4	8.1E-09	Heat shock proteins and chaperones
38	P07900	Heat shock 90kD protein 1, alpha	84660	16	24.2	3.3E-09	
39	P08238	Heat shock 90kDa protein 1, beta	83265	20	30.5	1.2E-10	
40	O43765	Small glutamine-rich tetratricopeptide	34063	1	4.2	0.00000018	
41	P78371	T-complex protein 1 subunit beta	57489	1	2.8	0.000098	
42	P17987	T-complex protein 1, alpha subunit	60344	18	36.9	7.8E-09	
43	P50991	T-complex protein 1, delta subunit	57925	17	32.5	0.000000014	
44	P48643	T-complex protein 1, epsilon subunit	59672	20	32.5	0.000000086	
45	Q99832	T-complex protein 1, eta subunit	59367	15	30.9	0.00000069	
46	P49368	T-complex protein 1, gamma subunit	60535	22	40.9	0.00000024	
47	P50990	T-complex protein 1, theta subunit	59621	19	36.3	7.6E-09	
48	P40227	T-complex protein 1, zeta subunit	58025	14	27.9	0.00000033	
49	P06493	Cell division cycle 2 protein	34096	19	76.1	0.0000001	Ubiquitin conjugation process
50	P61289	Proteasome activator complex subunit 3	29506	4	19.7	0.00000041	
51	O95456	Proteasome assembly chaperone 1	32854	3	10.8	0.000018	
52	P25786	Proteasome subunit alpha type-1	29556	2	9.9	0.00081	
53	P62988	Ubiquitin	8565	3	50	0.0000016	
54	P22314	Ubiquitin-like modifier-activating enzyme 1	117850	10	11.8	0.000000034	
55	P55072	Valosin-containing protein	89323	6	9.1	0.00004	

56	P50995	Annexin A11	54390	1	3.2	0.00072	Membrane transport and fusion
57	P50995	Annexin A11	54390	1	3.2	0.00072	
58	P07355	Annexin A2	38604	2	7.7	0.00017	
59	P08758	Annexin A5	35937	7	25.6	0.0000012	
60	P08133	Annexin A6	75874	3	4.6	0.000014	
61	P20073	Annexin A7	52740	4	8	0.000085	
62	P20645	Cation-dependent mannose-6-phosphate receptor	30994	2	12.6	0.00000004	
63	P11717	Cation-independent mannose-6-phosphate receptor	274278	4	1.7	0.00000015	
64	Q15027	Centaurin-beta-1	81537	1	1.6	0.000032	
65	Q00610	Clathrin heavy chain 1	191616	24	18.3	2.3E-09	
66	P09496	Clathrin, light chain	27077	3	12.1	0.00014	
67	P53621	Coatomer protein complex, subunit alpha	138333	2	1.6	0.0000012	
68	O14579	Coatomer protein complex, subunit epsilon	34482	12	59.1	1.3E-10	
69	P01891	HLA class I histocompatibility antigen, α chain precursor	40909	1	2.5	0.000016	
70	Q969P0	Immunoglobulin superfamily member 8 precursor	65035	3	5.7	0.0000028	
71	Q8WUM4	Programmed cell death 6-interacting protein	96024	8	11.8	0.00000028	
72	Q86Y82	Syntaxin 12	31642	2	13	0.0000048	
73	P41732	Tetraspanin 7	27575	2	10	8.2E-09	
74	P02786	Transferrin receptor	84872	2	3.2	0.000046	
75	P62258	14-3-3 protein epsilon	29174	3	14.1	0.00062	Signaling proteins
76	Q01518	Adenylate cyclase-associated protein 1	51856	1	4	0.0016	
77	Q15027	Centaurin-beta-1	81537	1	1.6	0.000032	
78	P39748	Flap structure-specific endonuclease 1	42593	2	8.4	0.000026	
79	P62873	Guanine nucleotide binding protein, beta polypeptide 1	37377	2	9.4	0.0000054	
80	P63244	Guanine nucleotide binding protein, beta polypeptide 2	35077	11	39.1	0.000000011	
81	P62879	Guanine nucleotide-binding protein, beta-2 subunit	37331	5	12.6	0.000014	
82	Q9HAV0	Guanine nucleotide-binding protein, beta-4 subunit	37568	2	7.4	0.000039	
83	P28482	Mitogen-activated protein kinase 1	41390	1	4.2	0.0000087	
84	P62714	Protein phosphatase 2, catalytic subunit, beta isoform	35575	11	41.1	0.000000017	
85	P50395	Rab GDP dissociation inhibitor beta	50664	2	4.5	0.0004	
86	P62826	RAN, member RAS oncogene family	24423	6	32.4	0.00000021	
87	Q13283	Ras GTPase-activating protein-binding protein 1	52165	1	2.4	0.0046	
88	Q15493	Regucalcin	33253	1	5.7	0.0000011	
89	O00560	Syntenin	32445	2	7.7	0.000028	
90	Q9H0E2	Toll interacting protein	30282	1	5.1	0.000036	

Table S2: Results of SupT1 exosome proteomic analysis

No	Accession No	Protein Name	MW (Da)	Uniq Pept	Coverage (%)	Expectation Value	Protein family
1	Q86UX7	Fermitin family homolog 3	75954	1	1.3	0.00034	Cell adhesion
2	P02751	Fibronectin 1	262609	4	2.2	0.0000013	
3	P35858	Insulin-like growth factor binding protein	66036	11	5.4	0.0000017	
4	P13612	Integrin, alpha 4	115334	1	1.8	0.0063	
5	P08195	Lymphocyte activation antigen 4F2 large subunit	57945	1	2.5	0.000076	
6	P07996	Thrombospondin 1	129384	12	9.2	0.0000036	
7	P68133	Actin alpha 1	42051	14	28.4	0.0000017	Cell structure and motility
8	P62736	Actin alpha 2	42009	14	28.4	0.0000017	
9	P63261	Actin gamma 1	41793	4	16.8	0.00000082	
10	P63267	Actin gamma 2	41877	14	28.5	0.0000017	
11	P60709	Actin, beta	41737	21	55.5	7.2E-09	
12	P61163	Actin-related protein 1 homolog A, centractin alpha	42614	9	48.4	0.0000017	
13	P61160	Actin-related protein 2	44761	6	16.4	0.0000017	
14	O96019	Actin-related protein 4	47461	1	1.9	0.0000017	
15	P04083	Annexin I	38715	1	6.9	0.000058	
16	P31146	Coronin, actin binding protein, 1A	51027	9	24.2	0.0000017	
17	Q14204	Dynein, cytoplasmic 1, heavy chain 1	532412	17	4.1	0.000000047	
18	P15311	Ezrin	69413	2	4.8	0.00053	
19	P47755	F-actin capping protein alpha-2 subunit	32949	3	15	0.000084	
20	P21333	Filamin A, alpha	280741	9	5	0.00000019	
21	Q9BSJ2	Gamma-tubulin complex protein 2	102535	2	2.8	0.00000092	
22	Q96CW5	Gamma-tubulin complex protein 3	103572	4	26.4	0.0000017	
23	P06396	Gelsolin	85698	11	12	0.00000061	
24	P04792	Heat shock 27kDa protein 1	22783	7	9.8	0.0000017	
25	P33176	Kinesin family member 5B	109686	12	20.22	0.0000017	
26	P35580	Myosin, heavy polypeptide 10, non-muscle	228941	2	1.1	0.000064	
27	P35579	Myosin, heavy polypeptide 9, non-muscle	226534	7	4	0.000011	
28	P43034	Platelet-activating factor acetylhydrolase, Ib, alpha	46638	4	56.1	0.0000017	
29	Q15019	Septin-2	41488	8	69.4	0.0000017	
30	Q14141	Septin-6	49717	8	7.4	0.0000017	
31	Q16181	Septin-7	50680	4	13.5	3.3E-09	
32	Q9UHD8	Septin-9	65402	3	26.8	0.0000017	
33	P35749	Smooth muscle myosin heavy chain 11	227341	3	1.6	0.00003	
34	Q9Y490	Talin 1	269769	8	41.5	0.0000017	
35	Q71U36	Tubulin alpha 1a, alpha 1b	50136	11	34.8	8.8E-09	
36	Q13748	Tubulin alpha 3c, alpha 3e	49960	9	29.6	8.8E-09	
37	Q9BQE3	Tubulin alpha 6	49896	10	34.3	0.000000071	
38	Q9NY65	Tubulin alpha 8	50094	7	24.7	0.000000071	
39	P07437	Tubulin beta	49671	13	28.2	0.00000091	
40	Q9H4B7	Tubulin beta 1	50327	4	7.5	0.00044	
41	Q13885	Tubulin beta 2, beta 2B	49907	9	20.7	0.000004	
42	Q13509	Tubulin beta 3	50433	10	22.7	0.0000039	
43	P04350	Tubulin beta 4, beta polypeptide 4 member Q	49586	5	12.6	0.000005	
44	P23258	Tubulin gamma 1	51170	2	4.4	0.000072	
45	P50552	Vasodilator-stimulated phosphoprotein	39830	6	15.5	0.000017	
46	P11142	Heat shock 70kDa protein 8	70899	20	33.4	8.1E-09	Heat shock proteins and chaperones
47	P07900	Heat shock 90kD protein 1, alpha	84660	16	24.2	3.3E-09	
48	P08238	Heat shock 90kDa protein 1, beta	83265	20	30.5	1.2E-10	
49	P17987	T-complex protein 1, alpha subunit	60344	18	36.9	7.8E-09	
50	P78371	T-complex protein 1, beta subunit	57489	1	2.8	0.000098	

51	P50991	T-complex protein 1, delta subunit	57925	17	32.5	0.000000014	
52	P48643	T-complex protein 1, epsilon subunit	59672	12	66.9	0.000017	
53	Q99832	T-complex protein 1, eta subunit	59367	5	34.8	0.000017	
54	P49368	T-complex protein 1, gamma subunit	60535	22	40.9	0.00000024	
55	P50990	T-complex protein 1, theta subunit	59621	19	36.3	7.6E-09	
56	P40227	T-complex protein 1, zeta subunit	58025	14	27.9	0.00000033	
57	Q9BS26	Thioredoxin domain containing 4	46972	8	40	0.000017	
58	P06493	Cell division cycle 2 protein	34096	19	76.1	0.0000001	Ubiquitin conjugation process
59	Q86VP6	Cullin-associated and neddylation-dissociated 1	136377	4	4	0.000017	
60	Q92530	Proteasome inhibitor subunit 1	29817	6	28.5	0.000017	
61	P62988	Ubiquitin	8565	7	32	0.000017	
62	P45974	Ubiquitin specific peptidase 5	95787	8	18.7	0.000017	
63	P22314	Ubiquitin-like modifier activating enzyme 1	117850	10	11.8	0.000000034	
64	P55072	Valosin-containing protein	89323	6	9.1	0.00004	
65	Q8WUM4	AIP1, programmed cell death 6 interacting protein	96024	8	11.8	0.00000028	Membrane transport and fusion
66	P09525	Annexin IV	35883	4	16.3	0.0000034	
67	P20073	Annexin VII	52740	4	8	0.000085	
68	P50995	Annexin XI	54390	1	3.2	0.00072	
69	Q00610	Clathrin heavy chain 1	191616	24	18.3	2.3E-09	
70	P53675	Clathrin, heavy chain-like 1	187032	1	0.7	0.0000033	
71	P09496	Clathrin, light chain	27077	3	12.1	0.00014	
72	P53621	Coatomer protein complex, subunit alpha	138333	2	1.6	0.0000012	
73	P53618	Coatomer protein complex, subunit beta 1	107143	9	35.7	0.000017	
74	P35606	Coatomer protein complex, subunit beta 2	102488	8	15.8	0.000017	
75	O14579	Coatomer protein complex, subunit epsilon	34482	12	59.1	1.3E-10	
76	P50570	Dynamin 2	98065	14	30.5	0.000017	
77	P61106	GTPase Rab14	23897	9	41.9	0.00000085	
78	P20645	Mannose-6-phosphate receptor, cation dependent	30994	2	12.6	0.00000004	
79	P11717	Mannose-6-phosphate receptor, cation-independent	274278	4	1.7	0.00000015	
80	P51149	RAB7, member RAS oncogene family	23490	12	41	0.000017	
81	P02786	Transferrin receptor	84872	2	3.2	0.000046	
82	Q92544	Transmembrane 9 superfamily member 4	72542	5	23.8	0.0000017	
83	P31946	14-3-3 protein beta/alpha	28083	8	47	0.0000017	
84	P25098	Beta adrenergic receptor kinase 1	79574	8	17.3	0.0000017	Signaling proteins
85	P41240	C-src tyrosine kinase	50705	5	17.6	0.0000017	
86	P39748	Flap structure-specific endonuclease 1	42593	2	8.4	0.000026	
87	P31150	GDP dissociation inhibitor 1	50583	3	7.8	0.0000017	
88	P63092	GNAS complex locus	45665	13	46.9	0.0000017	
89	P63244	Guanine nucleotide binding protein, beta 2-like 1	35077	11	39.1	0.000000011	
90	P62873	Guanine nucleotide-binding protein, beta-1 subunit	37377	2	9.4	0.0000054	
91	P62879	Guanine nucleotide-binding protein, beta-2 subunit	37331	5	12.6	0.000014	
92	Q9HAV0	Guanine nucleotide-binding protein, beta-4 subunit	37568	2	7.4	0.000039	
93	P28482	Mitogen-activated protein kinase 1	41390	1	4.2	0.0000087	
94	P62826	RAN, member RAS oncogene family	24423	6	32.4	0.00000021	